

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018545.D
 Acq On : 11 Jan 2019 21:33
 Operator : JU/SJ
 Sample : K1123-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPGP-01

Quant Time: Jan 12 00:12:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

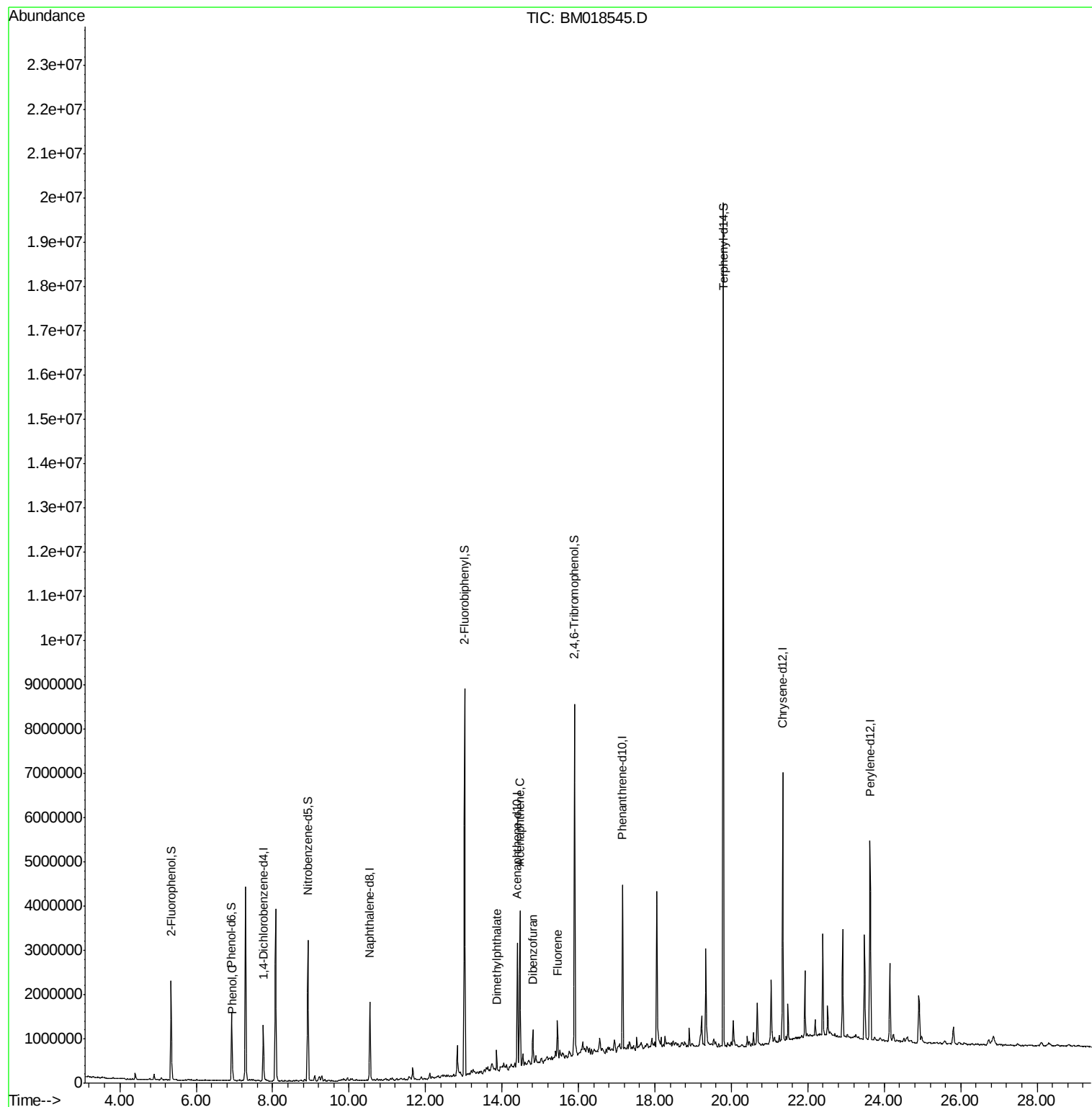
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	338277	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1460961	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	895324	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	2170368	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2728793	20.00	ng	0.00
87) Perylene-d12	23.63	264	3249792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	998780	54.52	ng	0.00
7) Phenol-d6	6.93	99	843068	36.23	ng	0.00
23) Nitrobenzene-d5	8.92	82	1730143	68.65	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1355904	118.94	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	4515255	65.81	ng	0.00
79) Terphenyl-d14	19.79	244	8245709	63.70	ng	0.00
Target Compounds						
10) Phenol	6.95	94	115933	4.903	ng	96
50) Dimethylphthalate	13.86	163	317575	4.319	ng	99
52) Acenaphthene	14.47	154	1221601	22.599	ng	96
55) Dibenzofuran	14.80	168	497915	5.575	ng	98
58) Fluorene	15.45	166	277789	4.175	ng	# 99

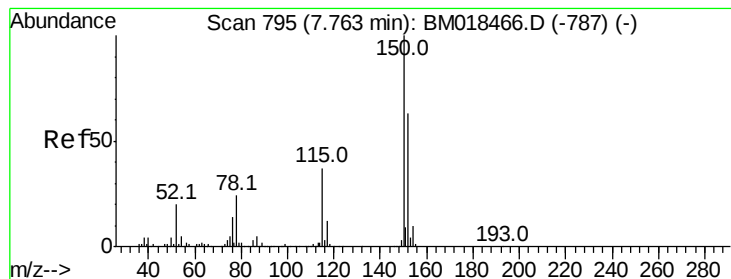
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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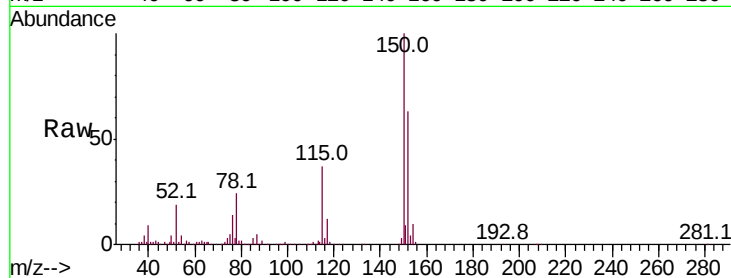


#1

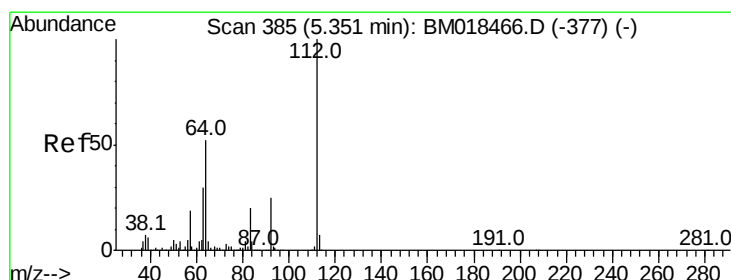
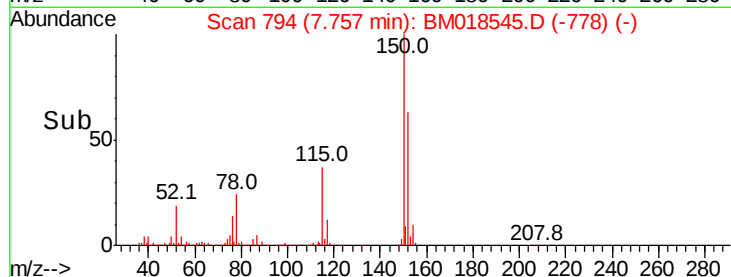
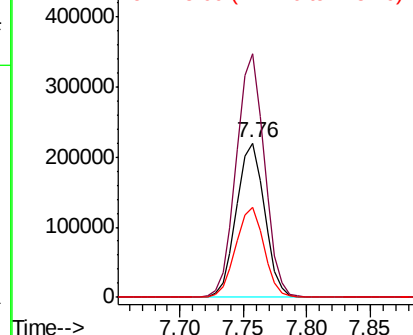
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :
CPGP-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.9	190.3
115	57.9	45.5	68.3



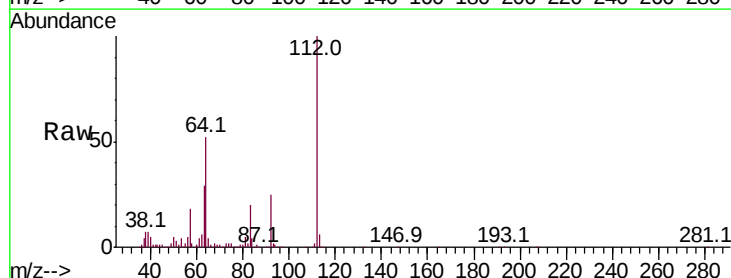
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



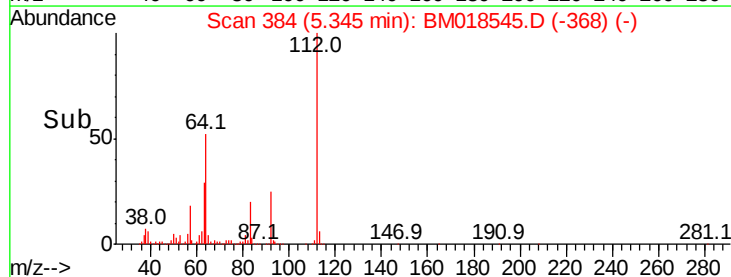
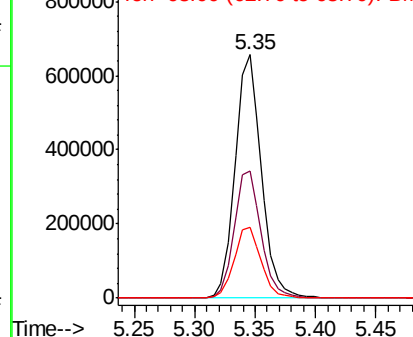
#5

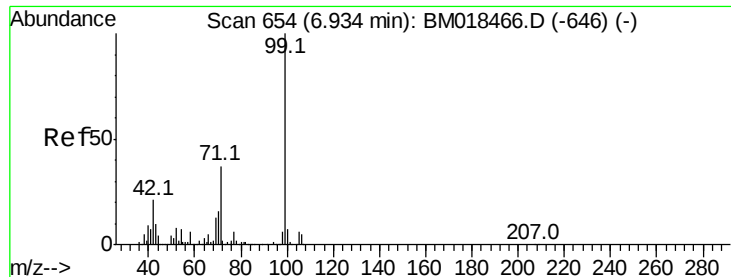
2-Fluorophenol
Concen: 54.519 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.5	69.7
63	29.0	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: 36.232 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018545.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_M

ClientSampleId :

CPGP-01

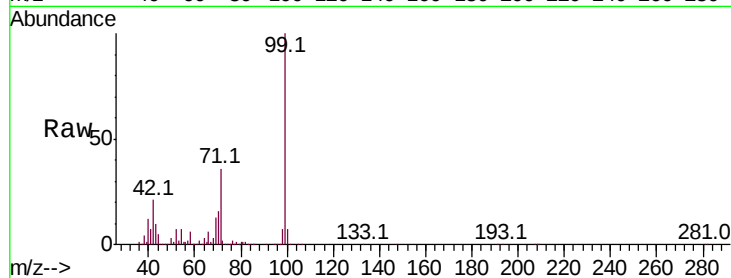
Tot Ion: 99 Resp: 843068

Ion Ratio Lower Upper

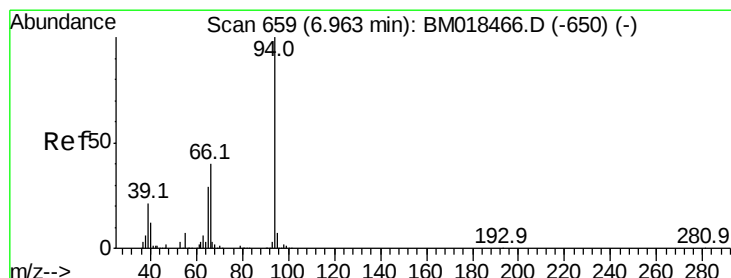
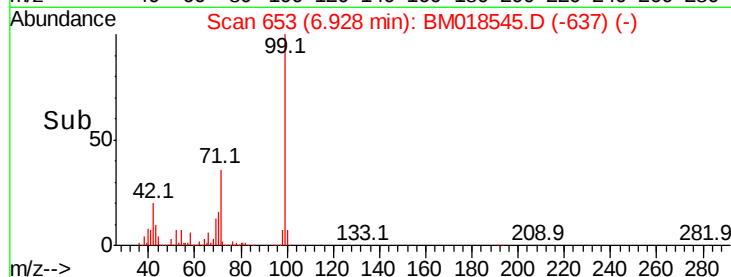
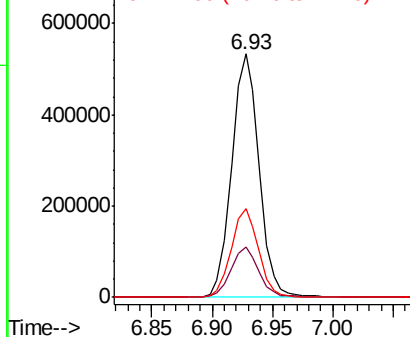
99 100

42 20.6 17.3 25.9

71 36.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BMO
Ion 42.00 (41.70 to 42.70): BMO
Ion 71.00 (70.70 to 71.70): BMO



#10

Phenol

Concen: 4.903 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018545.D

Acq: 11 Jan 2019 21:33

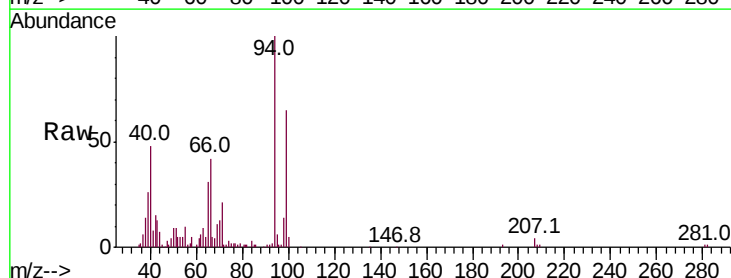
Tgt Ion: 94 Resp: 115933

Ion Ratio Lower Upper

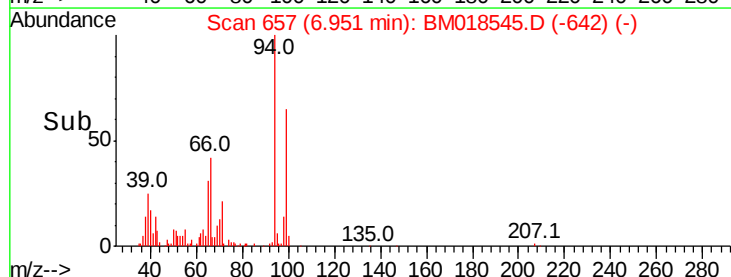
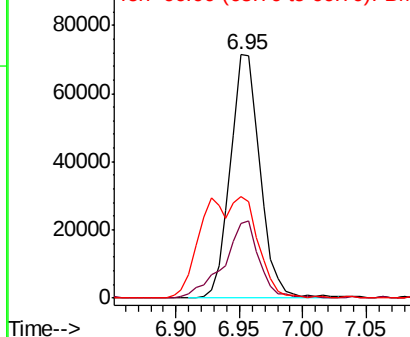
94 100

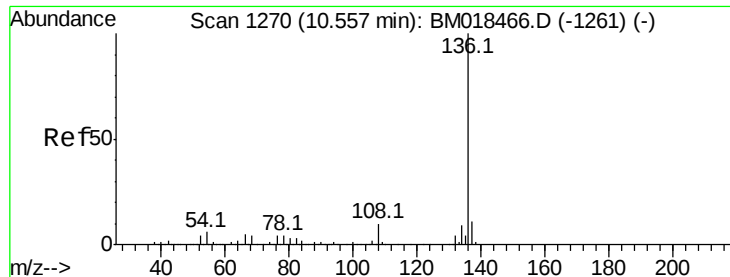
65 30.5 9.4 49.4

66 41.9 19.1 59.1



Abundance Ion 94.00 (93.70 to 94.70): BMO
Ion 65.00 (64.70 to 65.70): BMO
Ion 66.00 (65.70 to 66.70): BMO





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018545.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_M

ClientSampleId :

CPGP-01

Tot Ion:136 Resp: 1460961

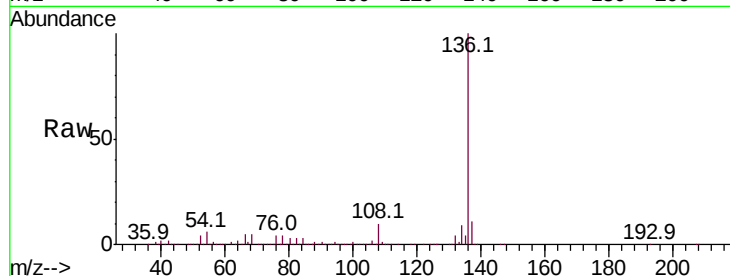
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.2 6.0 9.0

68 4.5 4.5 6.7

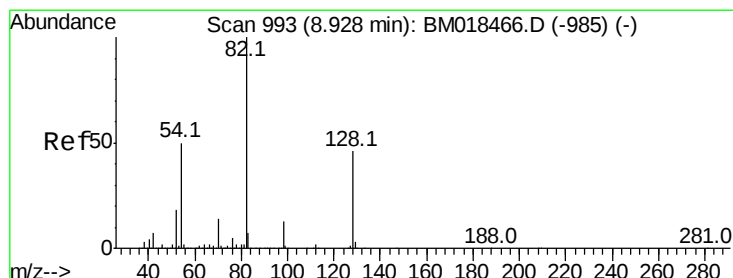
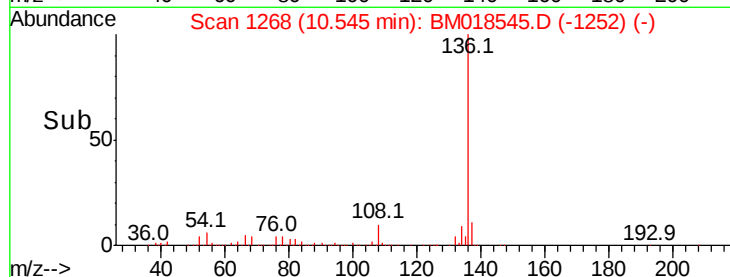
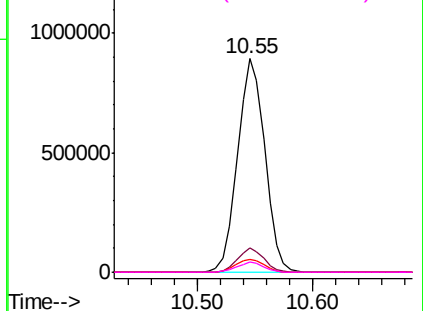


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 68.652 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM018545.D

Acq: 11 Jan 2019 21:33

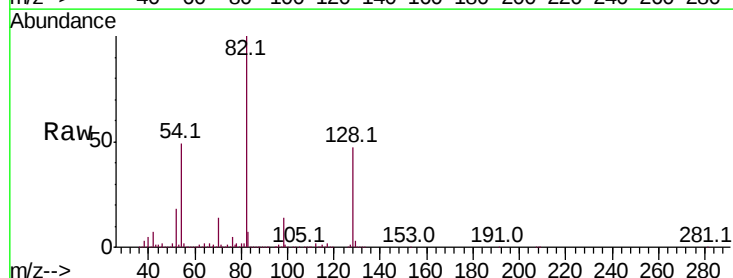
Tgt Ion: 82 Resp: 1730143

Ion Ratio Lower Upper

82 100

128 47.0 36.3 54.5

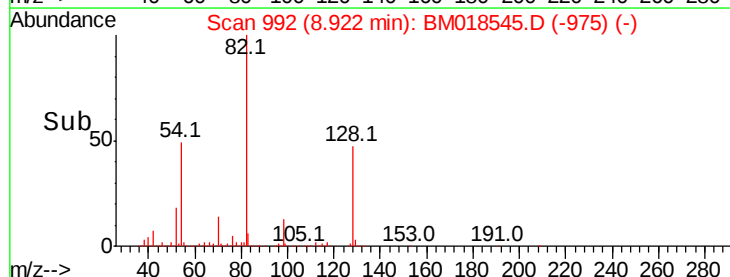
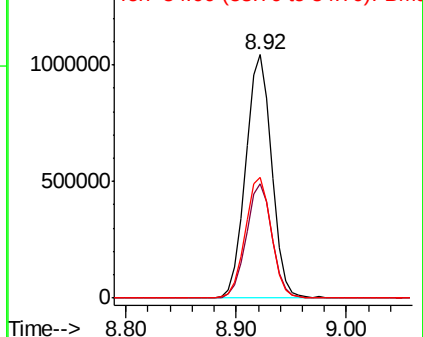
54 49.5 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

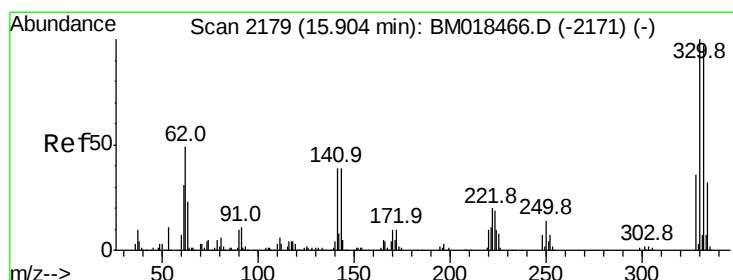
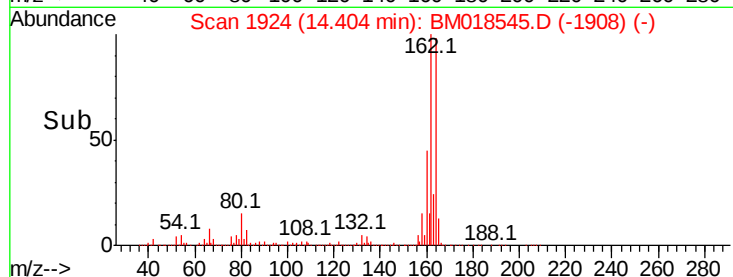
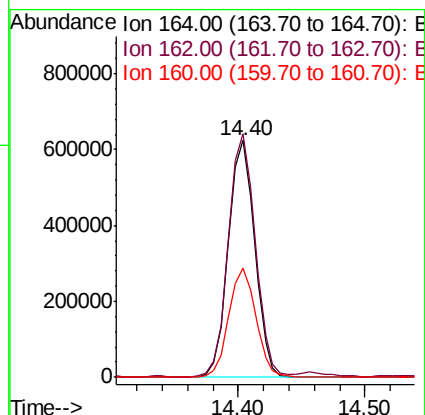
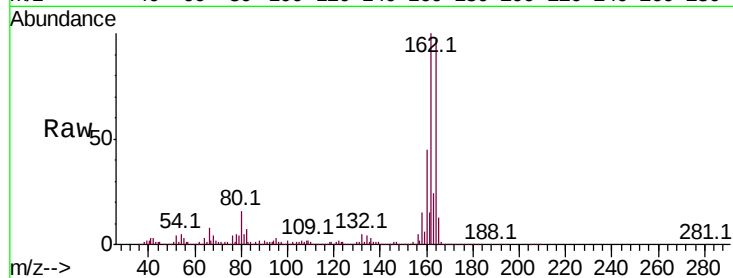




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

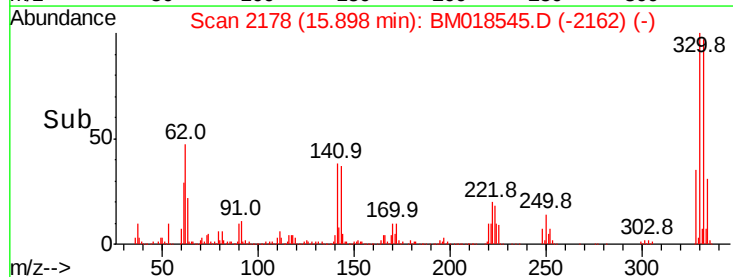
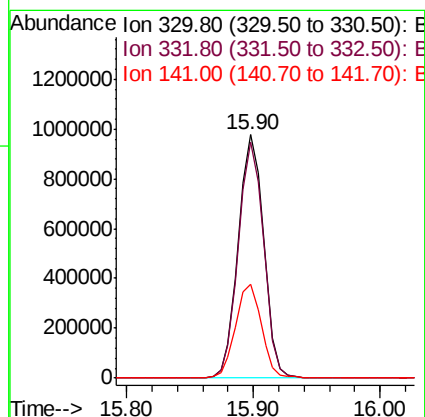
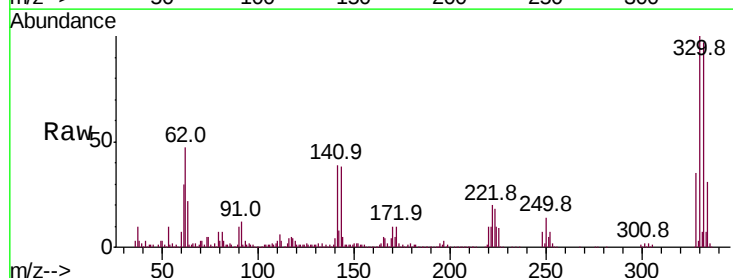
Instrument :
BNA_M
ClientSampleId :
CPGP-01

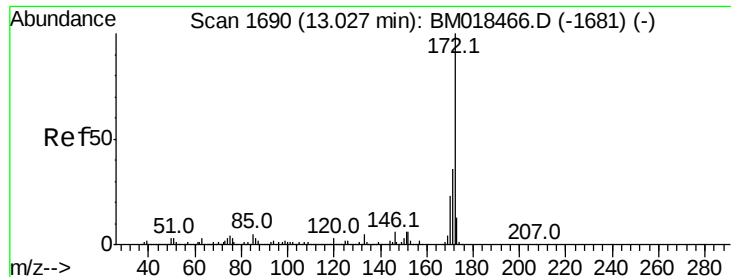
Tot Ion:164 Resp: 895324
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 46.3 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 118.939 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion:330 Resp: 1355904
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 39.0 31.7 47.5

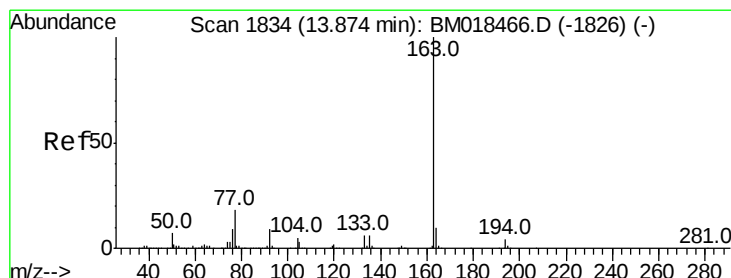
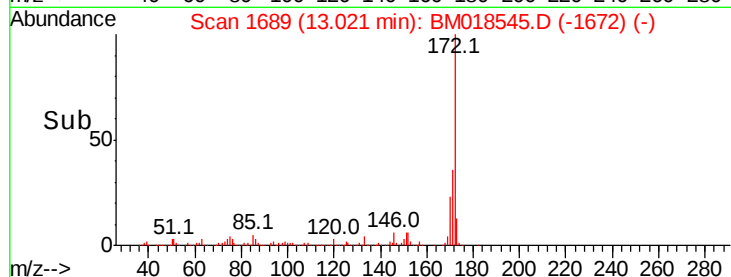
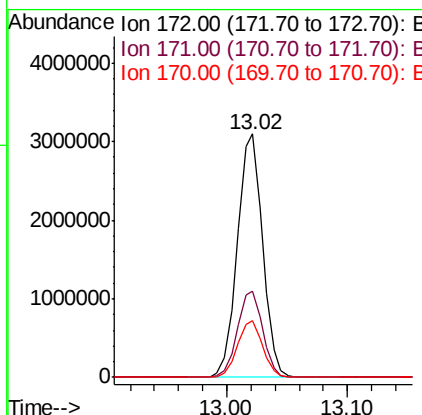
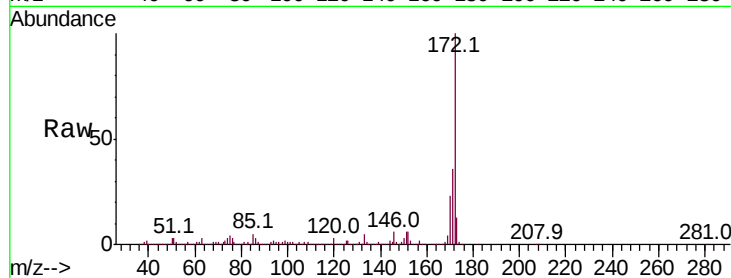




#45
2-Fluorobiphenyl
Concen: 65.806 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

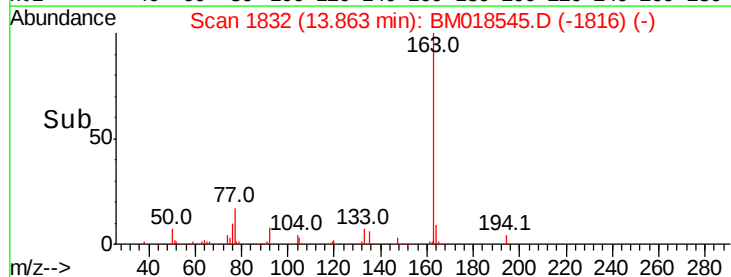
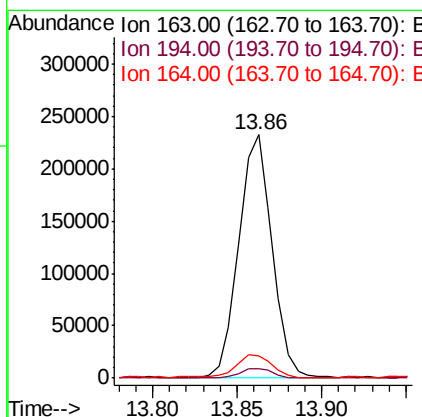
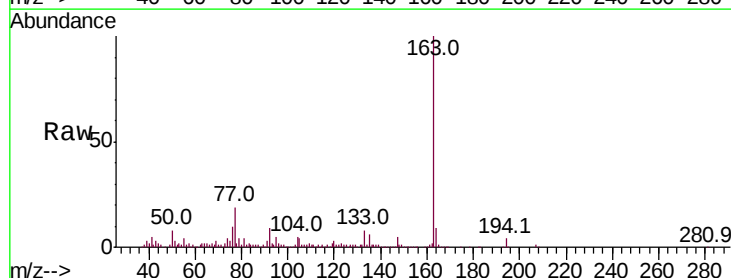
Instrument :
BNA_M
ClientSampleId :
CPGP-01

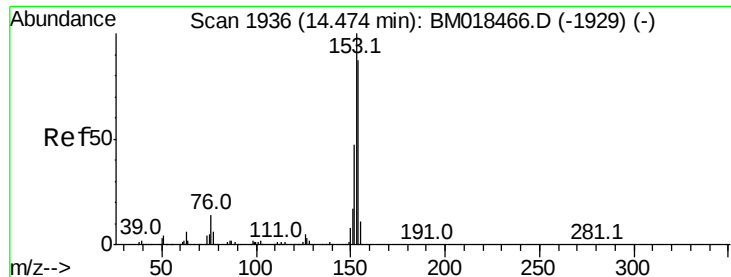
Tot Ion:172 Resp: 4515255
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.1 18.9 28.3



#50
Dimethylphthalate
Concen: 4.319 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Tgt Ion:163 Resp: 317575
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.3 7.8 11.8





#52

Acenaphthene

Concen: 22.599 ng

RT: 14.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BM018545.D

Acq: 11 Jan 2019 21:33

Instrument :

BNA_M

ClientSampleId :

CPGP-01

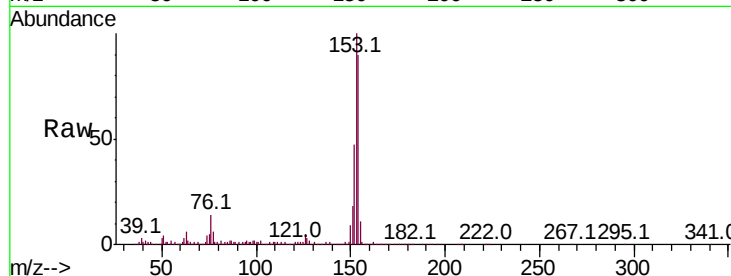
Tot Ion:154 Resp: 1221601

Ion Ratio Lower Upper

154 100

153 111.2 92.3 138.5

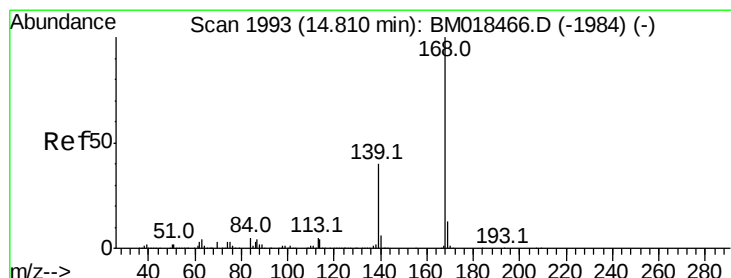
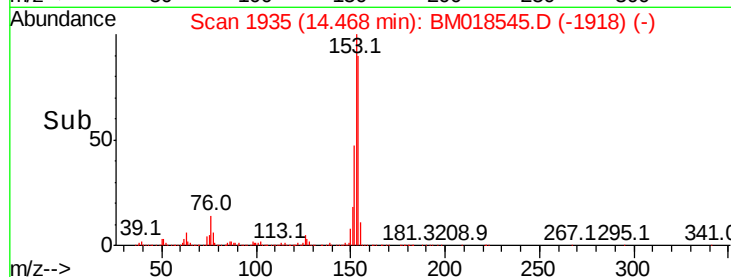
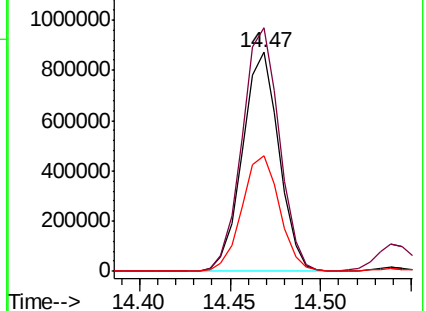
152 52.6 43.8 65.6



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



#55

Dibenzofuran

Concen: 5.575 ng

RT: 14.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM018545.D

Acq: 11 Jan 2019 21:33

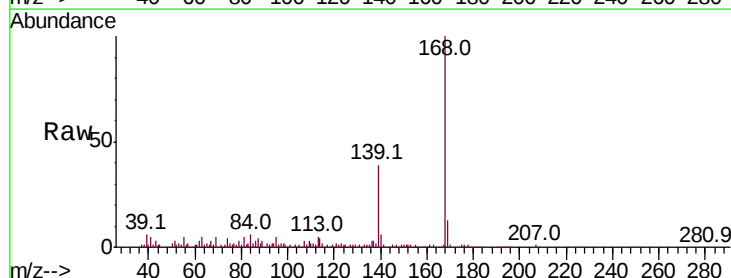
Tgt Ion:168 Resp: 497915

Ion Ratio Lower Upper

168 100

139 39.2 30.3 45.5

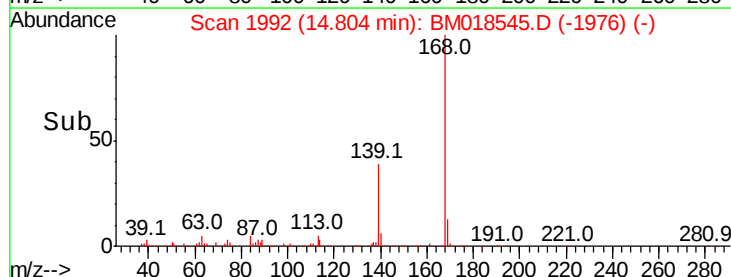
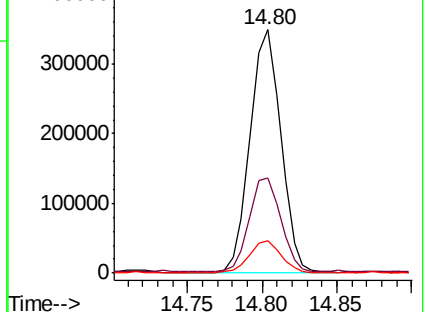
169 13.3 10.6 16.0

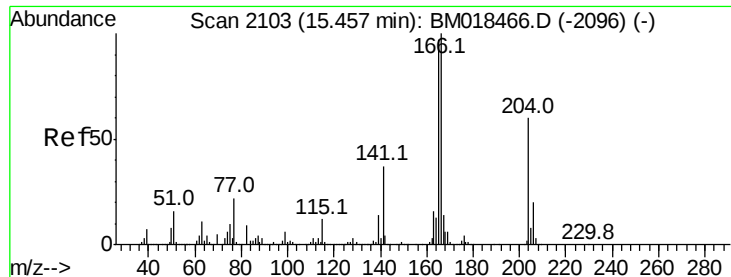


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

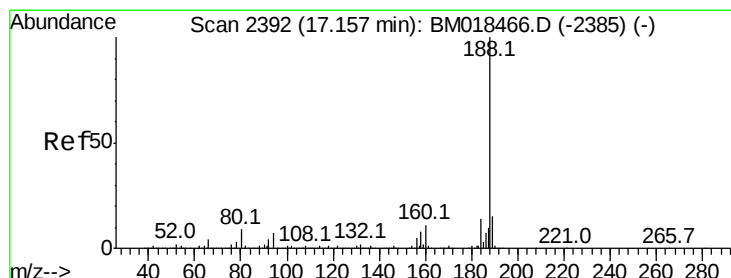
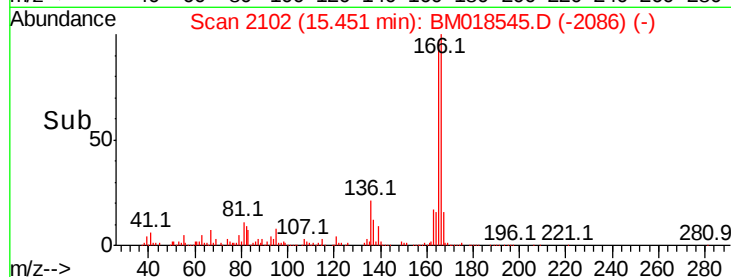
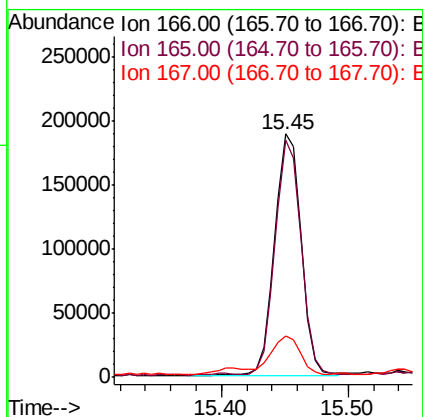
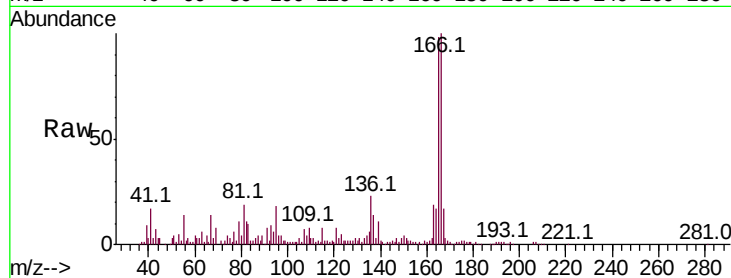




#58
 Fluorene
 Concen: 4.175 ng
 RT: 15.45 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM018545.D
 Acq: 11 Jan 2019 21:33

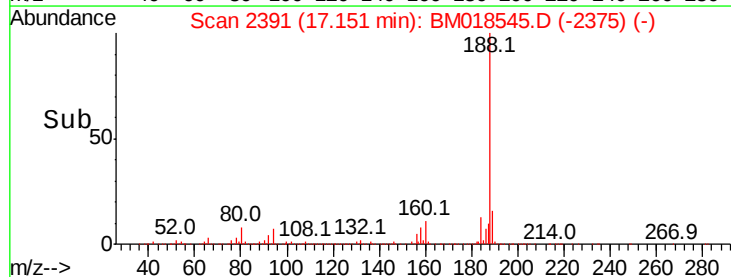
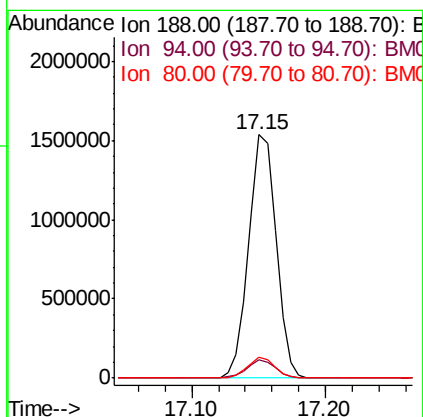
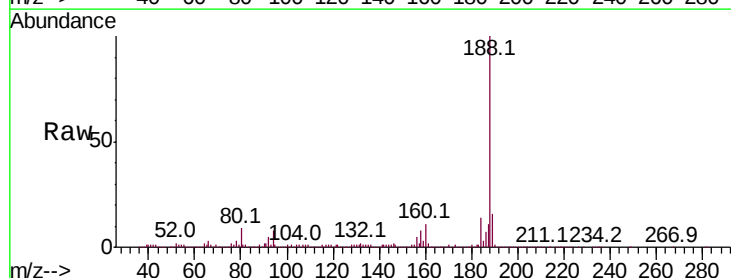
Instrument :
 BNA_M
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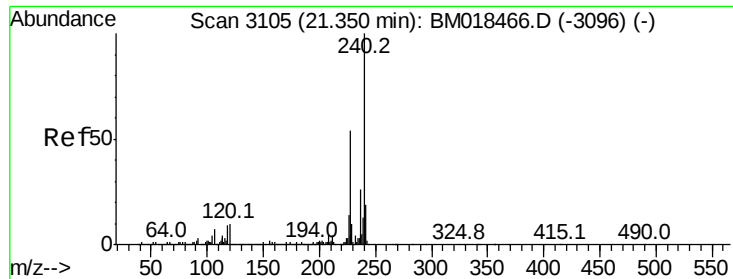
Tot Ion:166 Resp: 277789
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.3 117.5
 167 16.9 10.9 16.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.15 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BM018545.D
 Acq: 11 Jan 2019 21:33

Tgt Ion:188 Resp: 2170368
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.1 10.7
 80 8.6 7.6 11.4

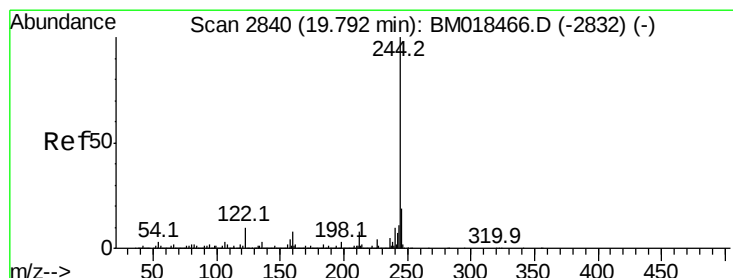
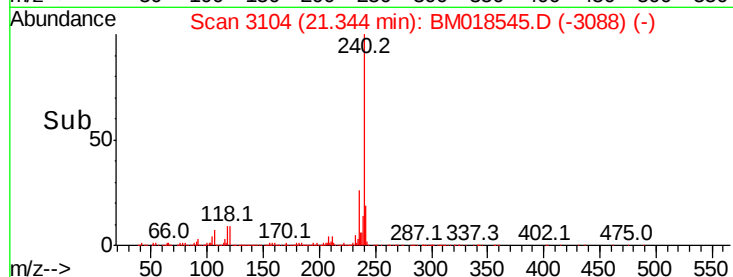
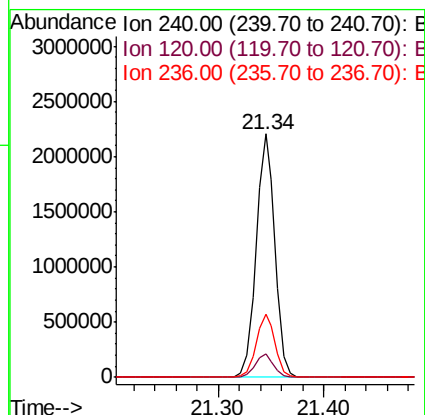
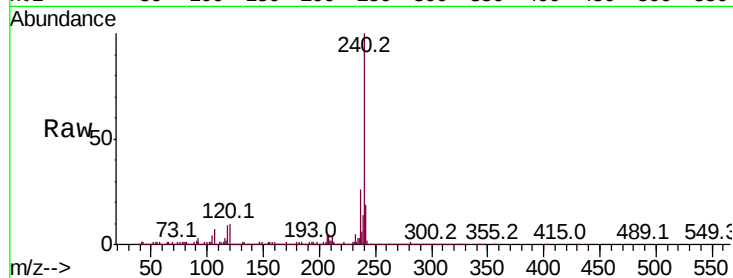




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM018545.D
 Acq: 11 Jan 2019 21:33

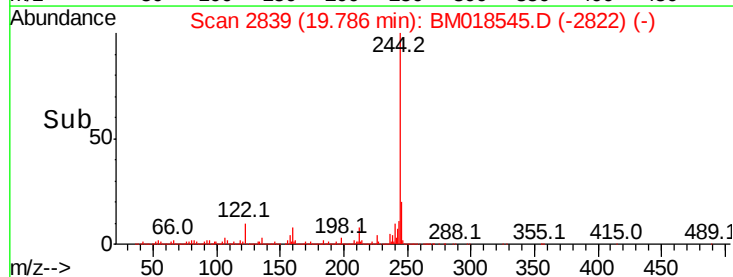
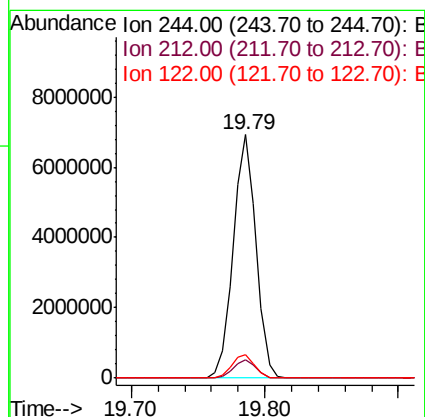
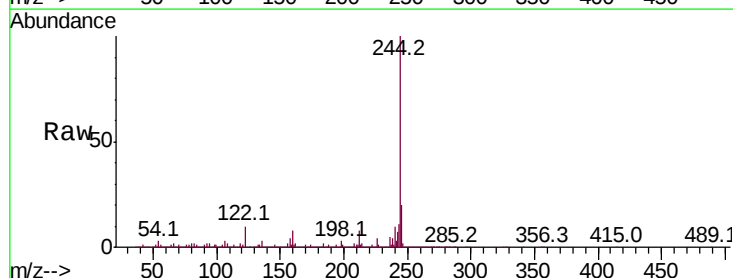
Instrument :
 BNA_M
 ClientSampled :
 CPGP-01

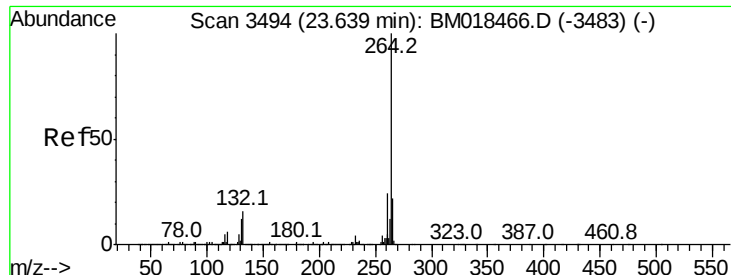
Tot Ion:240 Resp: 2728793
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.4 12.6
 236 25.8 20.7 31.1



#79
 Terphenyl-d14
 Concen: 63.699 ng
 RT: 19.79 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: BM018545.D
 Acq: 11 Jan 2019 21:33

Tgt Ion:244 Resp: 8245709
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 9.6 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM018545.D
Acq: 11 Jan 2019 21:33

Instrument :
BNA_M
ClientSampleId :
CPGP-01

Tot Ion:264 Resp: 3249792

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	16.8	25.2

