

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018648.D
 Acq On : 18 Jan 2019 21:49
 Operator : JU/SJ
 Sample : K1178-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP

Quant Time: Jan 18 22:22:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	227827	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	841469	20.00	ng	0.00
39) Acenaphthene-d10	14.38	164	449711	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	978361	20.00	ng	0.00
76) Chrysene-d12	21.33	240	1040648	20.00	ng	0.00
87) Perylene-d12	23.60	264	1074548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	986556	79.96	ng	0.00
7) Phenol-d6	6.90	99	762984	48.69	ng	0.00
23) Nitrobenzene-d5	8.90	82	1218623	83.95	ng	0.00
42) 2,4,6-Tribromophenol	15.88	330	786601	137.37	ng	0.00
45) 2-Fluorobiphenyl	13.00	172	2906790	84.34	ng	0.00
79) Terphenyl-d14	19.77	244	4376768	88.66	ng	0.00

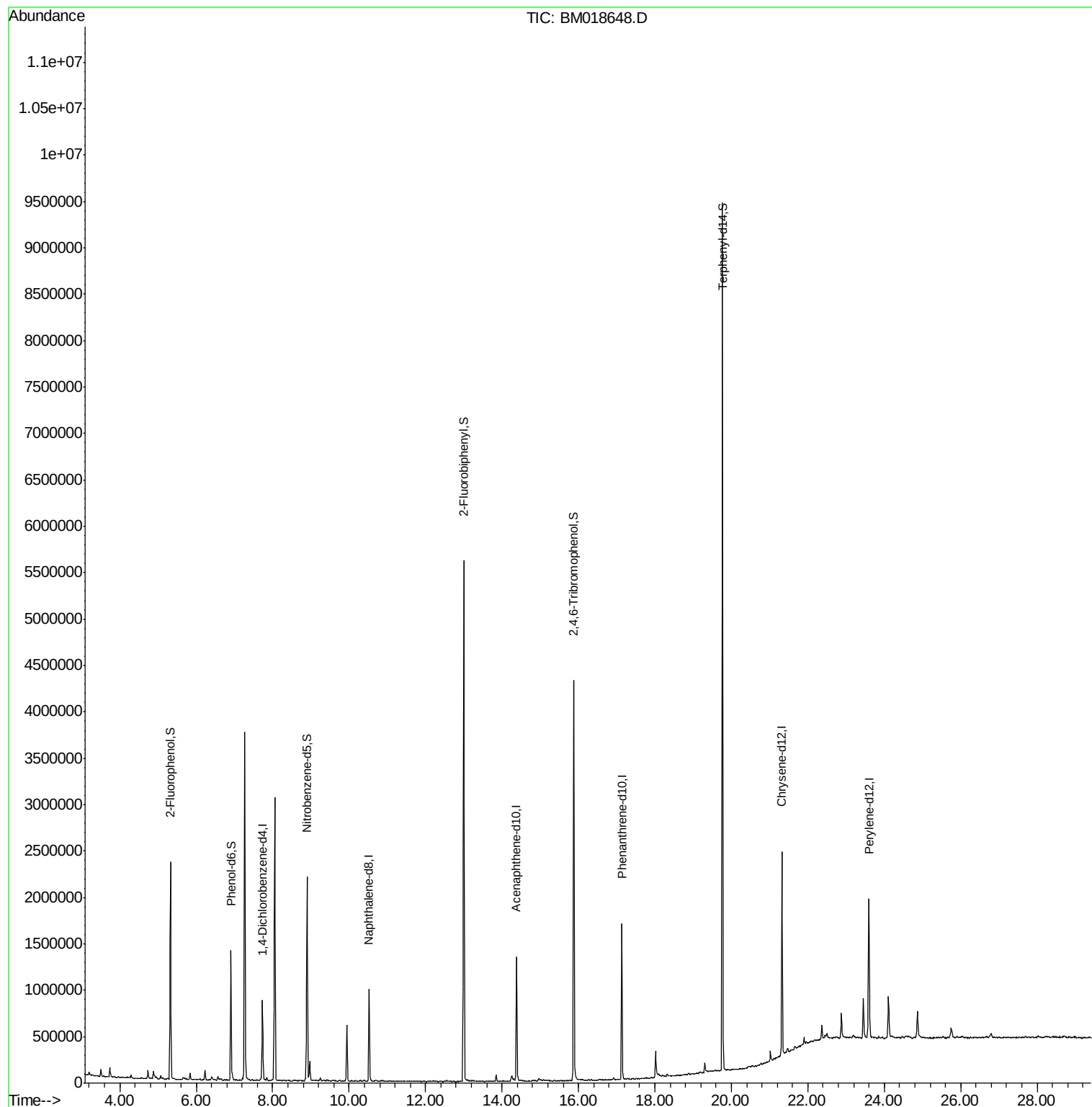
Target Compounds Qvalue

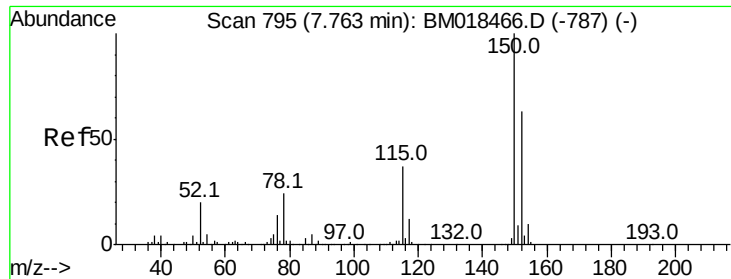
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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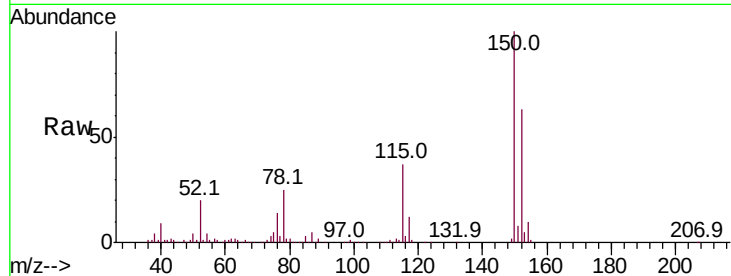


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM018648.D
Acq: 18 Jan 2019 21:49

Instrument :
BNA_M
ClientSampleId :
DUP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.9	190.3
115	59.0	45.5	68.3

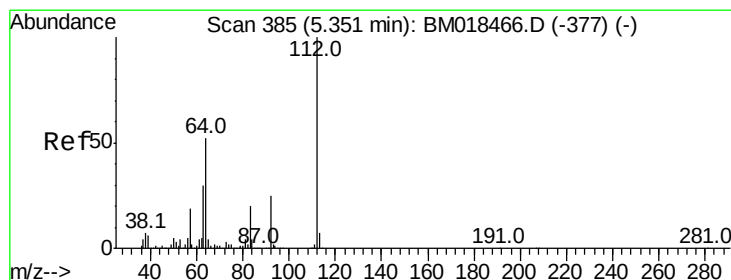
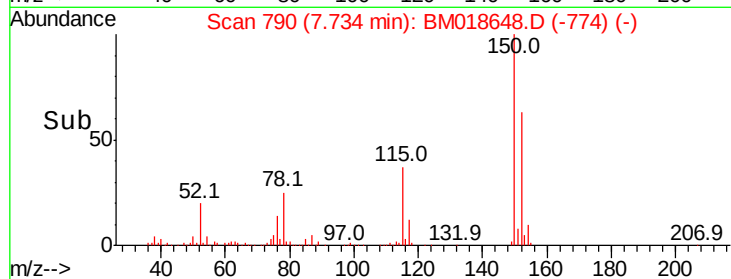
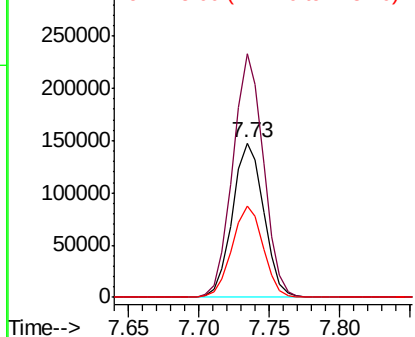


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

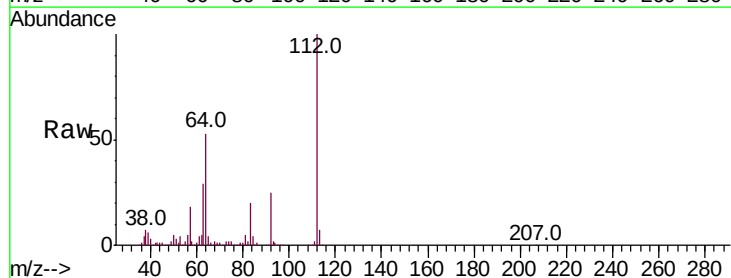
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.958 ng
RT: 5.33 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM018648.D
Acq: 18 Jan 2019 21:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.5	69.7
63	29.4	25.2	37.8

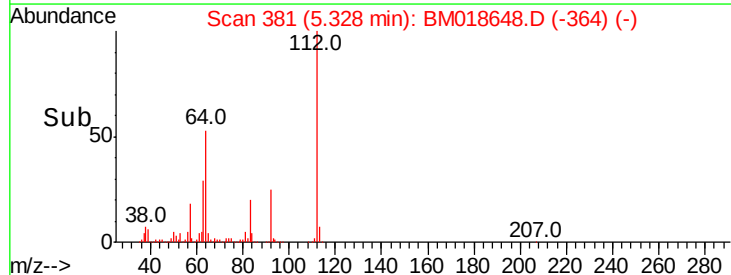
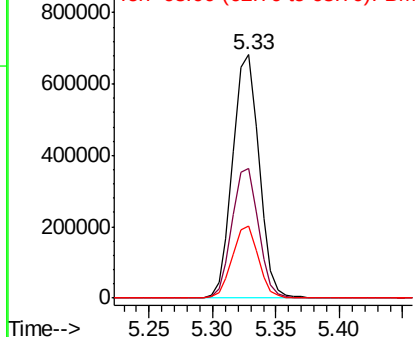


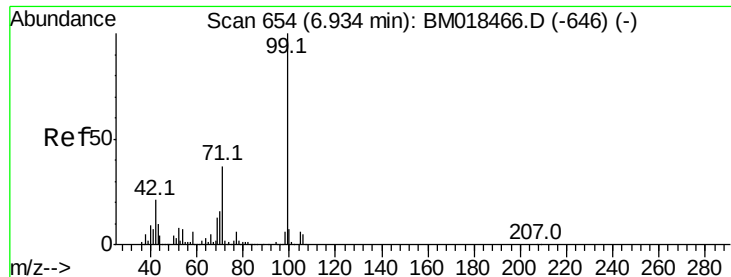
Abundance

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: 48.687 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018648.D

Acq: 18 Jan 2019 21:49

Instrument :

BNA_M

ClientSampleId :

DUP

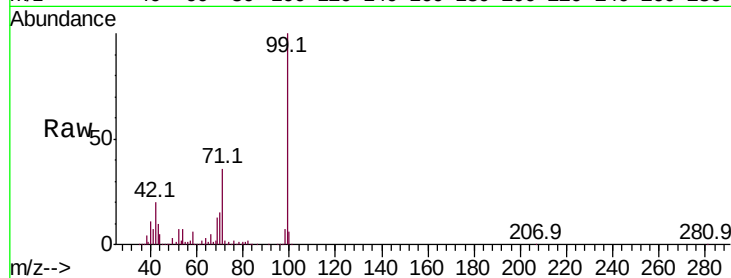
Tot Ion: 99 Resp: 762984

Ion Ratio Lower Upper

99 100

42 20.5 17.3 25.9

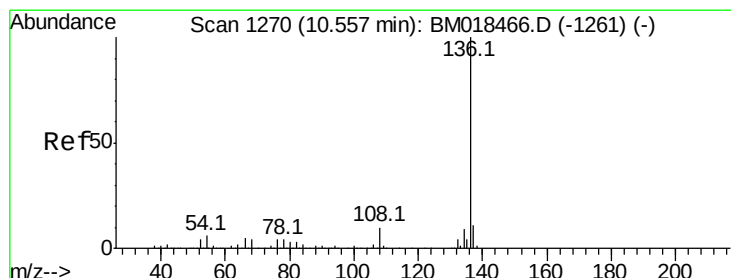
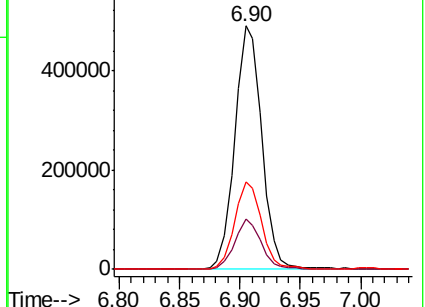
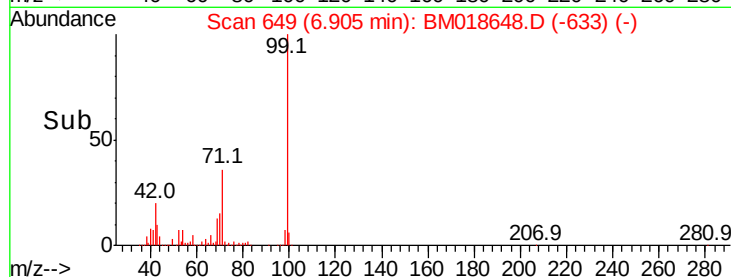
71 35.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM018648.D

Acq: 18 Jan 2019 21:49

Tgt Ion: 136 Resp: 841469

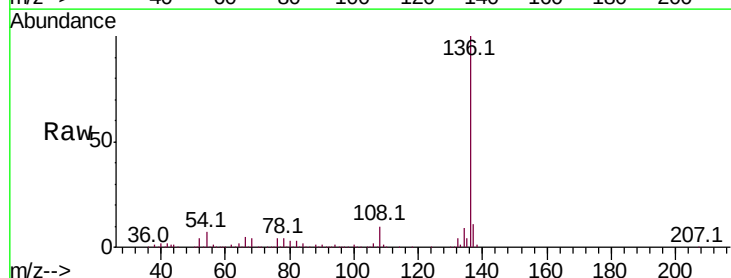
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.0 6.0 9.0

68 4.3 4.5 6.7#

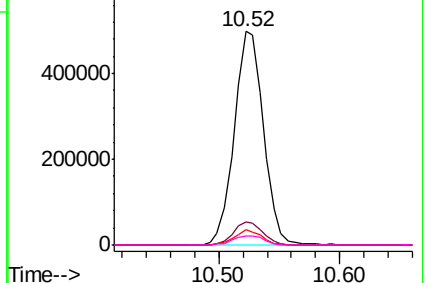
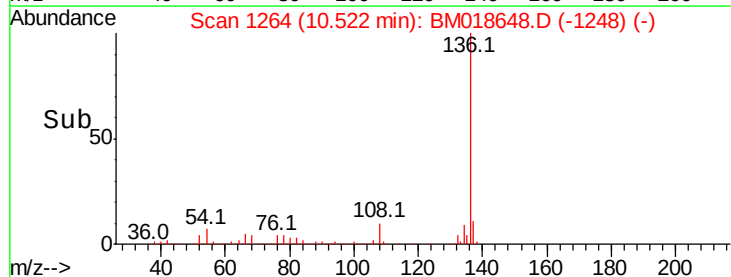


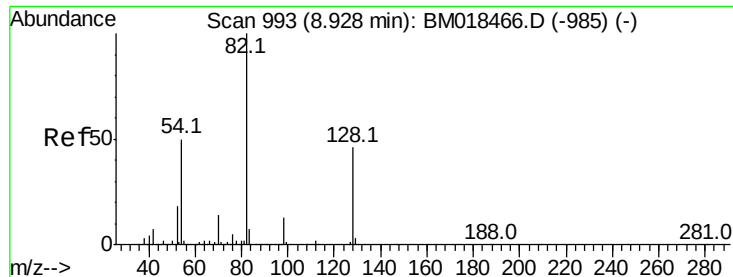
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

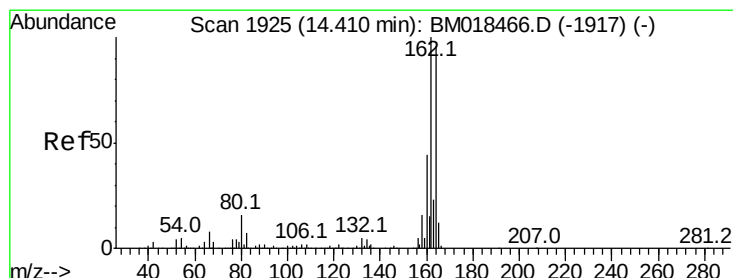
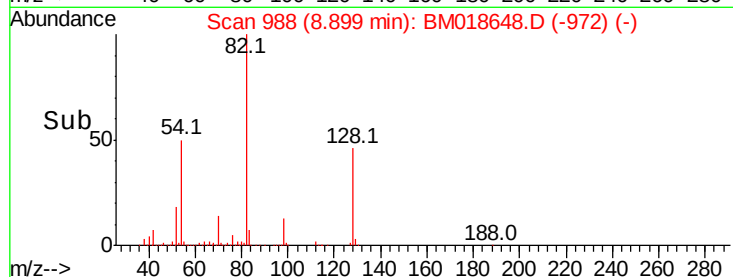
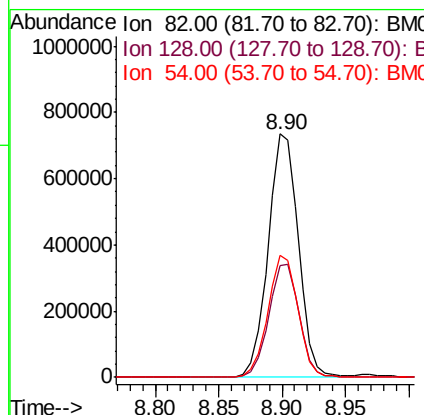
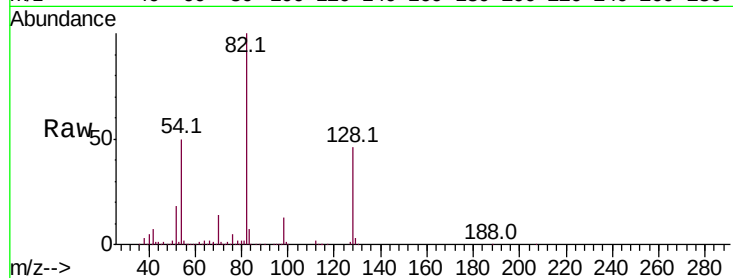




#23
Nitrobenzene-d5
Concen: 83.954 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM018648.D
Acq: 18 Jan 2019 21:49

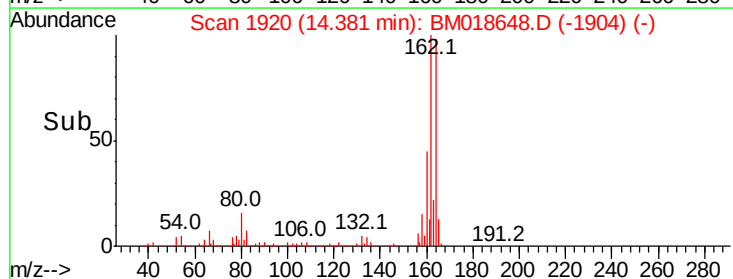
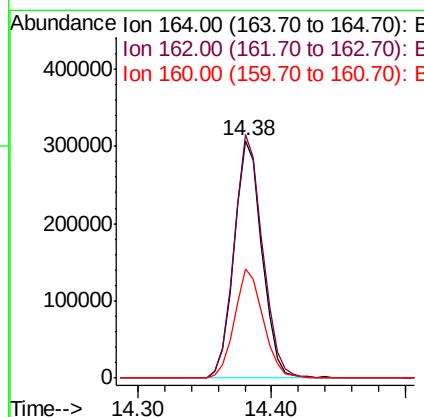
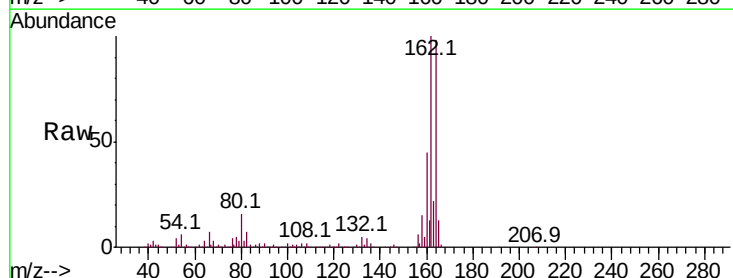
Instrument :
BNA_M
ClientSampled :
DUP

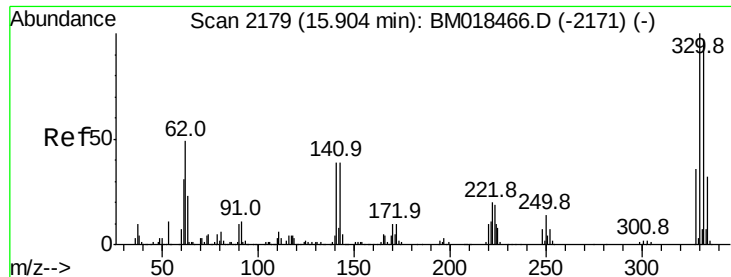
Tot Ion: 82 Resp: 1218623
Ion Ratio Lower Upper
82 100
128 46.1 36.3 54.5
54 50.3 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM018648.D
Acq: 18 Jan 2019 21:49

Tgt Ion:164 Resp: 449711
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.4
160 45.9 37.1 55.7

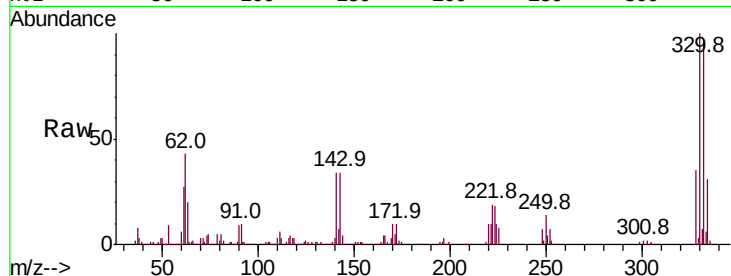




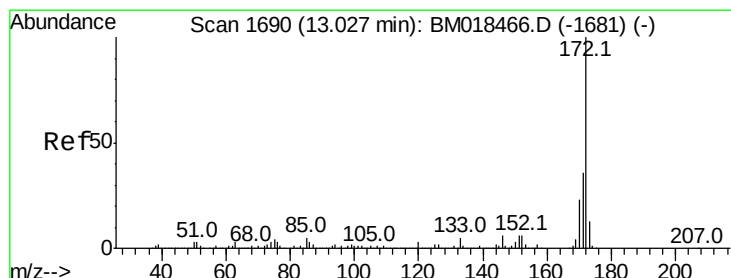
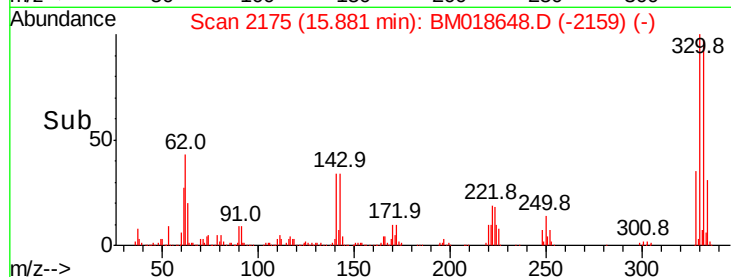
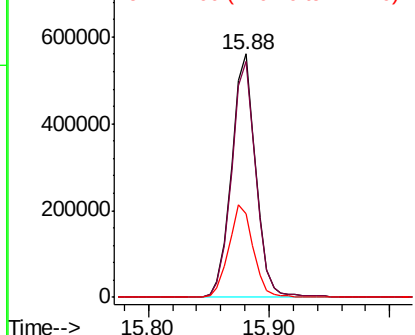
#42
 2,4,6-Tribromophenol
 Concen: 137.372 ng
 RT: 15.88 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BM018648.D
 Acq: 18 Jan 2019 21:49

Instrument :
 BNA_M
 ClientSampleId :
 DUP

Tot Ion:330 Resp: 786601
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.6 116.4
 141 38.4 31.7 47.5

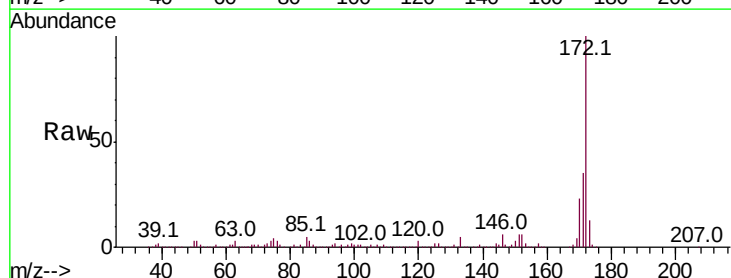


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

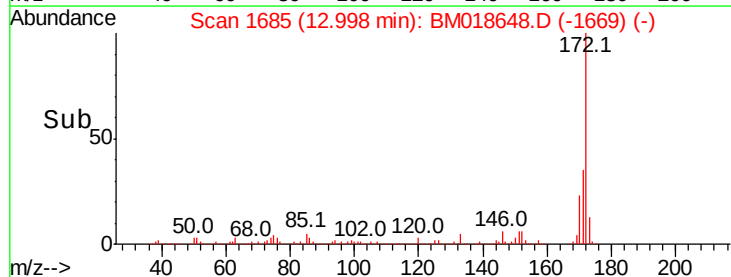
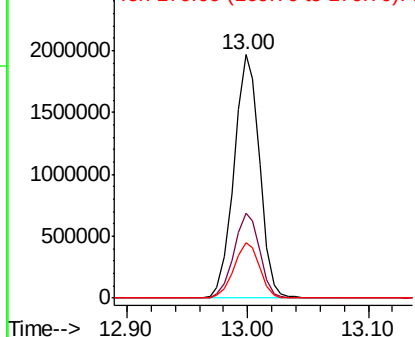


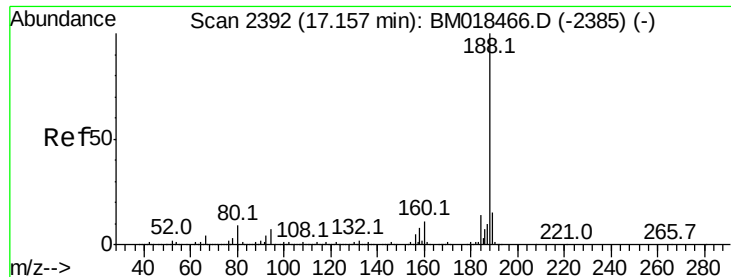
#45
 2-Fluorobiphenyl
 Concen: 84.342 ng
 RT: 13.00 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BM018648.D
 Acq: 18 Jan 2019 21:49

Tgt Ion:172 Resp: 2906790
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.2 42.4
 170 22.7 18.9 28.3



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

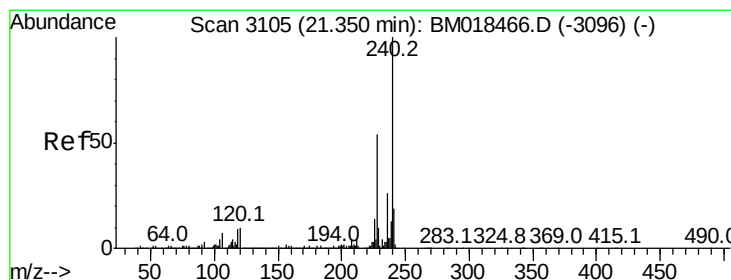
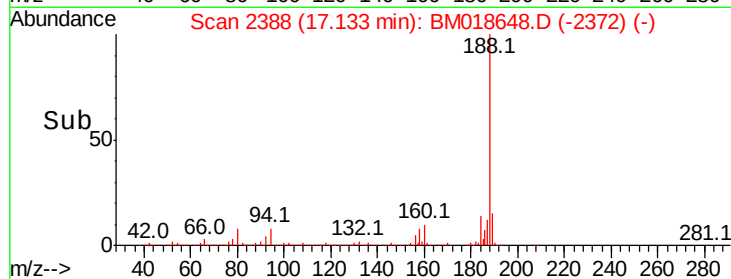
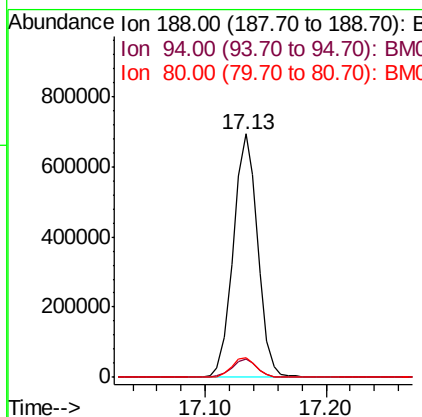
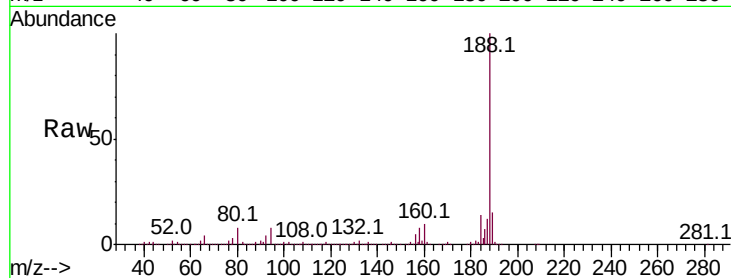




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM018648.D
Acq: 18 Jan 2019 21:49

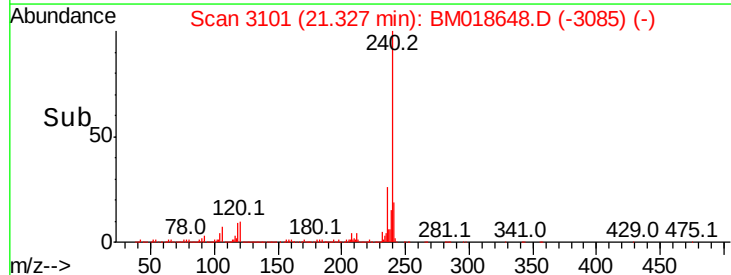
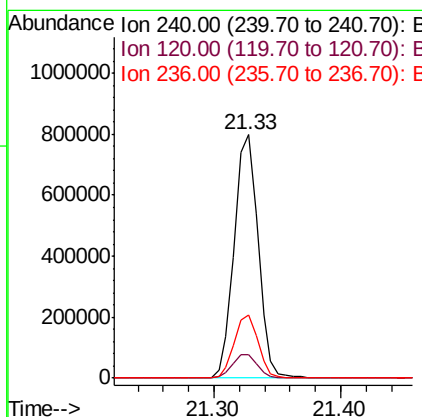
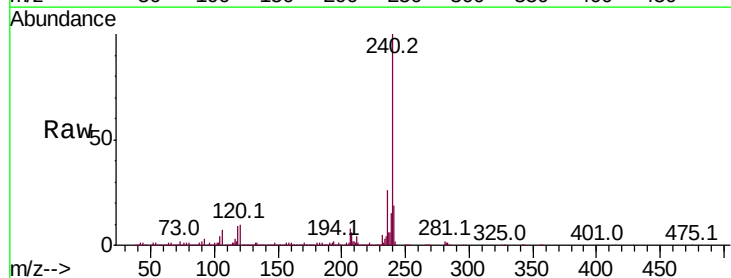
Instrument :
BNA_M
ClientSampleId :
DUP

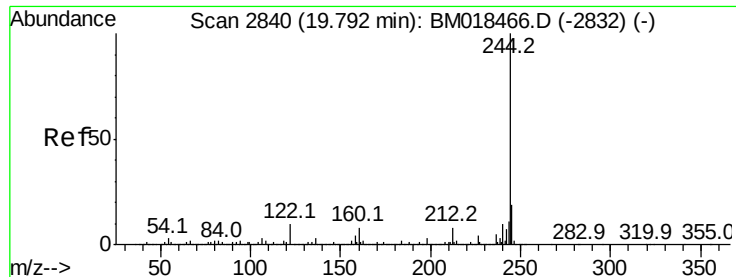
Tot Ion:188 Resp: 978361
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM018648.D
Acq: 18 Jan 2019 21:49

Tgt Ion:240 Resp: 1040648
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 26.0 20.7 31.1

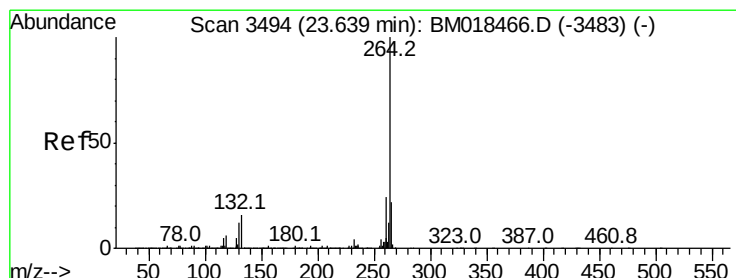
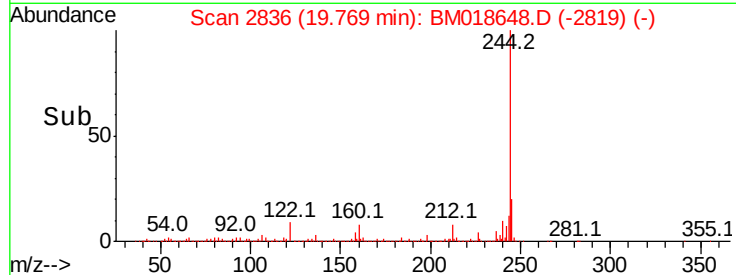
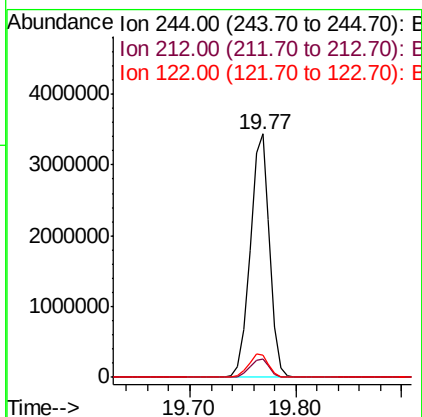
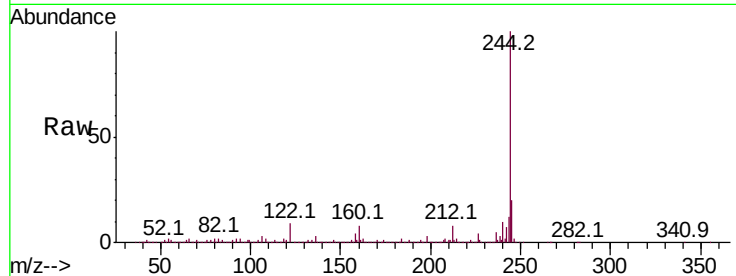




#79
 Terphenyl-d14
 Concen: 88.660 ng
 RT: 19.77 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: BM018648.D
 Acq: 18 Jan 2019 21:49

Instrument :
 BNA_M
 ClientSampleId :
 DUP

Tot Ion:244 Resp: 4376768
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 9.4 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.60 min Scan# 3487
 Delta R.T. -0.01 min
 Lab File: BM018648.D
 Acq: 18 Jan 2019 21:49

Tgt Ion:264 Resp: 1074548
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 21.3 16.8 25.2

