

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018630.D
 Acq On : 18 Jan 2019 02:01
 Operator : JU/SJ
 Sample : K1167-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D-10

Quant Time: Jan 18 06:17:46 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	7.74	152	311998	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1181031	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	626231	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1275046	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1096186	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1099883	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2156838	127.65	ng	-0.02
7) Phenol-d6	6.92	99	2356404	109.80	ng	-0.02
23) Nitrobenzene-d5	8.91	82	1914897	93.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1108493	139.02	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	4671777	97.34	ng	-0.02
79) Terphenyl-d14	19.77	244	5560963	106.94	ng	-0.02

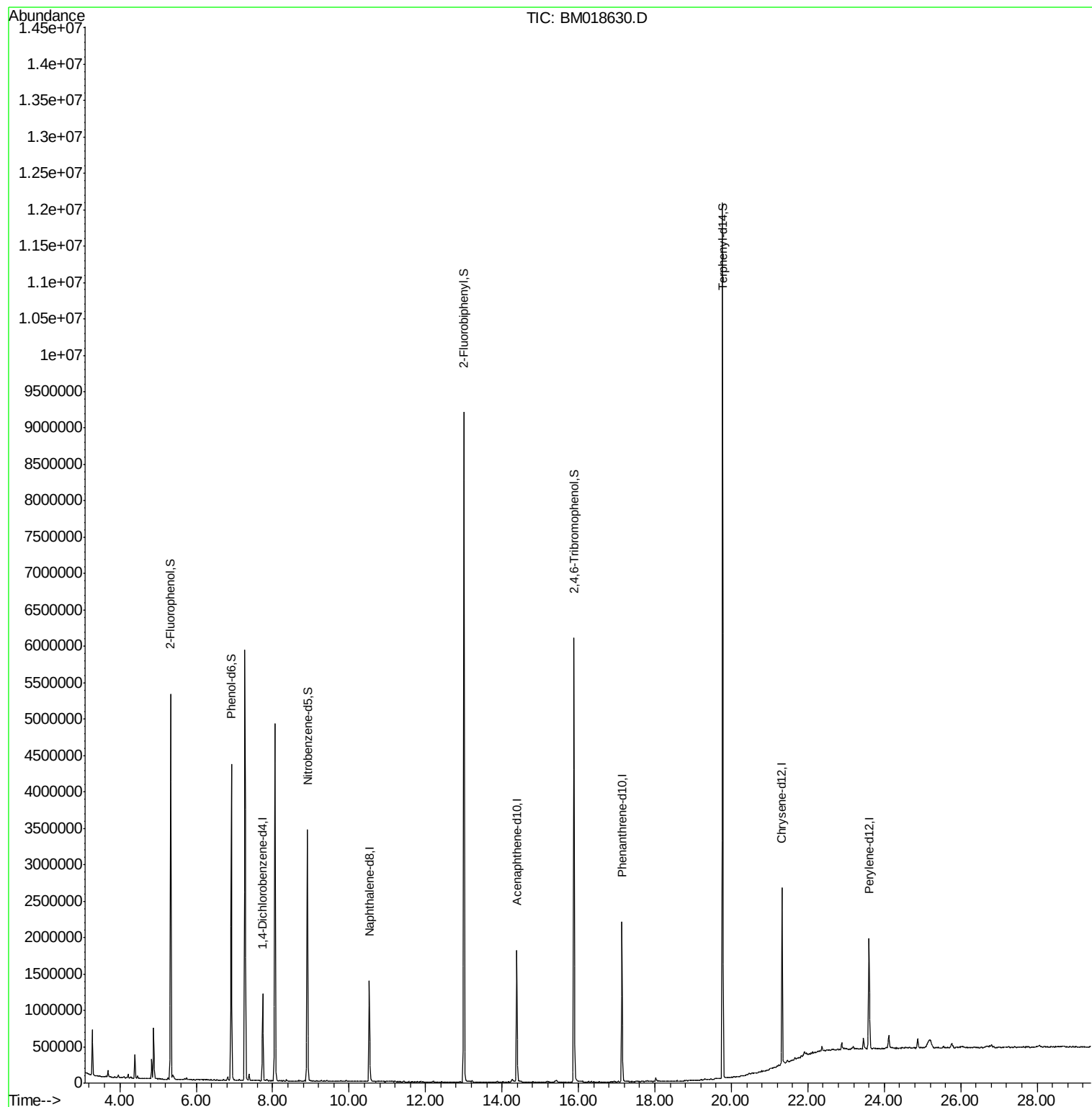
Target Compounds Qvalue

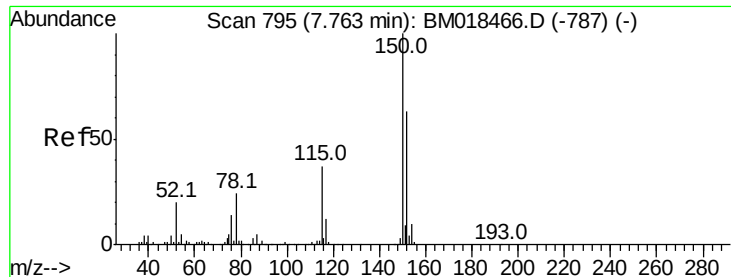
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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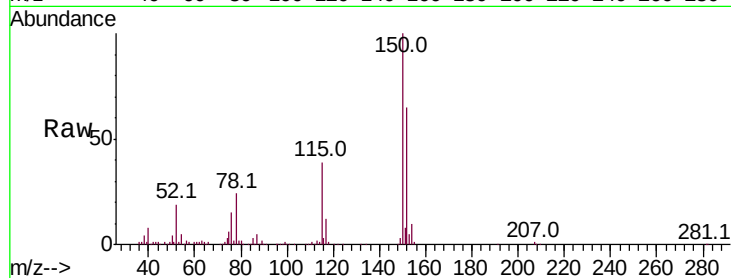


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

Instrument :
BNA_M
ClientSampleId :
D-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.9	190.3
115	59.5	45.5	68.3

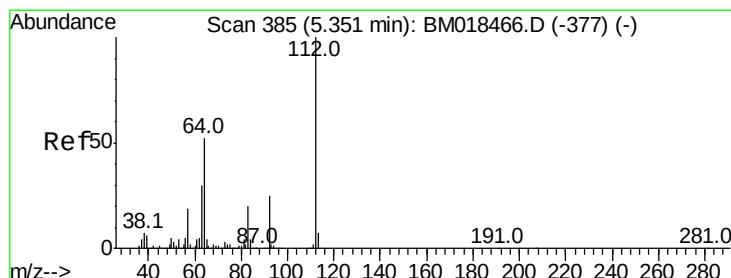
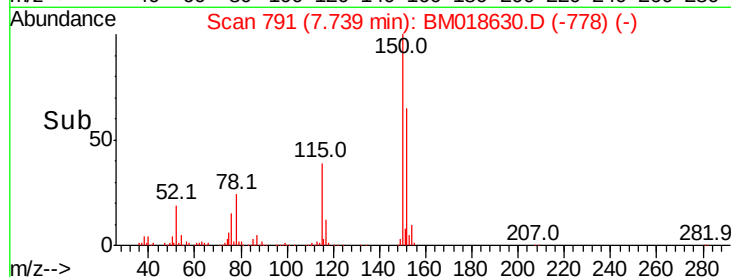
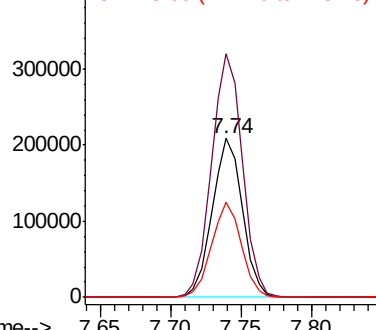


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

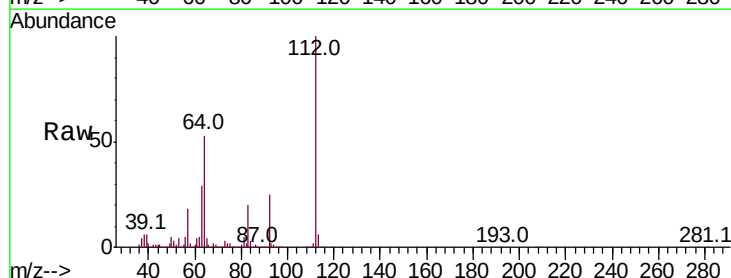
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.648 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.5	69.7
63	29.2	25.2	37.8

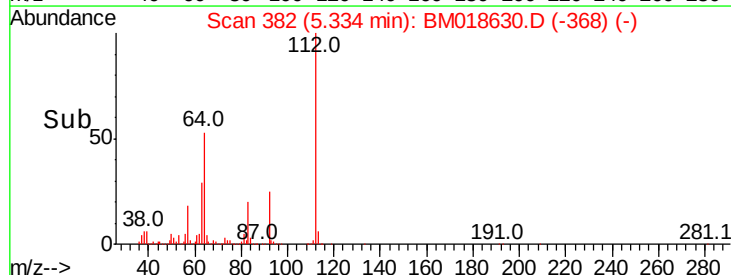
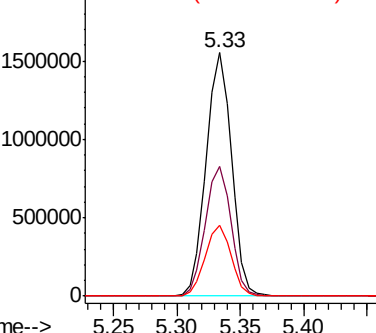


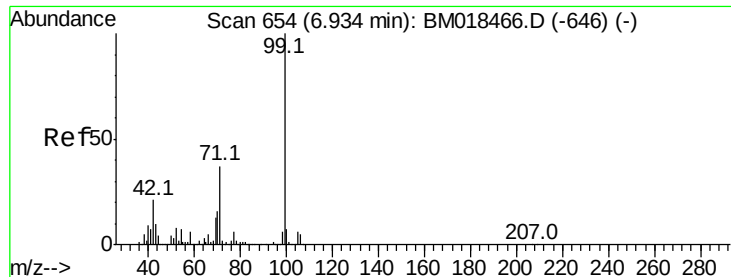
Abundance

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: 109.800 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018630.D

Acq: 18 Jan 2019 02:01

Instrument :

BNA_M

ClientSampleId :

D-10

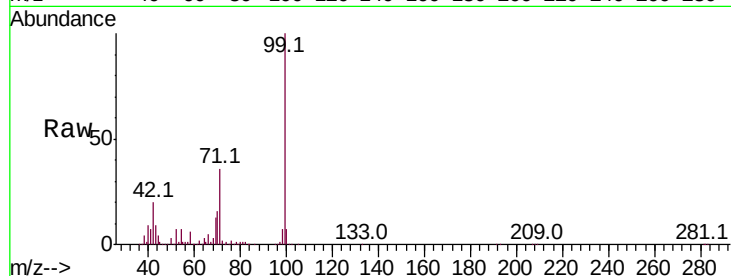
Tot Ion: 99 Resp: 2356404

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

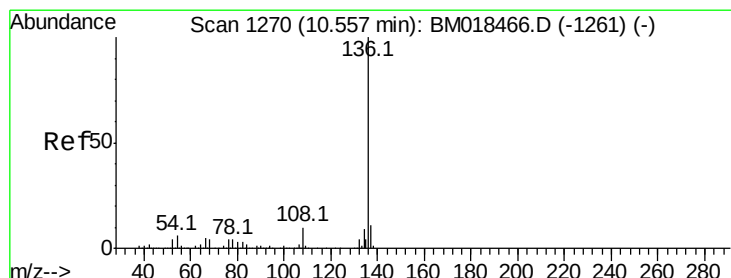
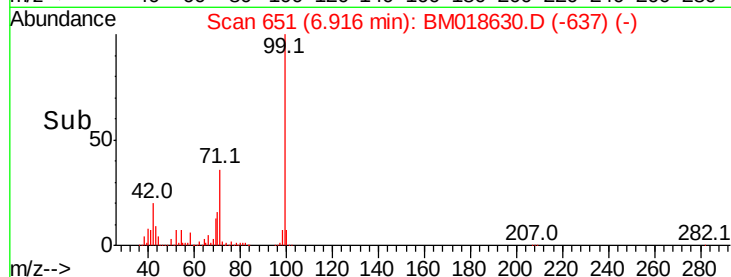
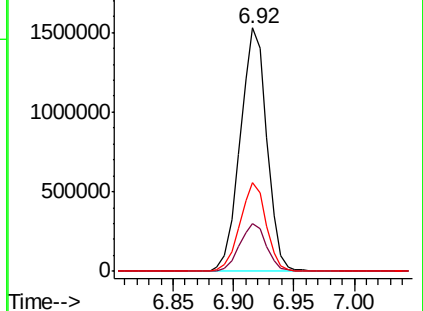
71 36.3 28.0 42.0



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: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018630.D

Acq: 18 Jan 2019 02:01

Tgt Ion: 136 Resp: 1181031

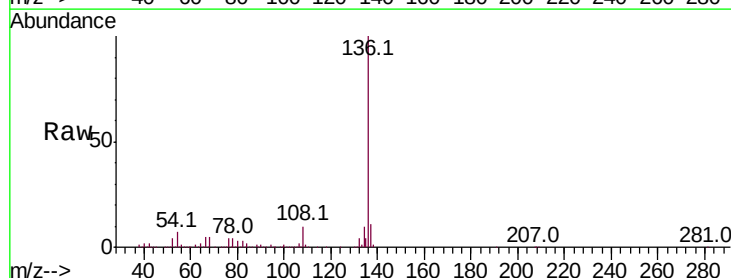
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 6.0 9.0

68 4.6 4.5 6.7

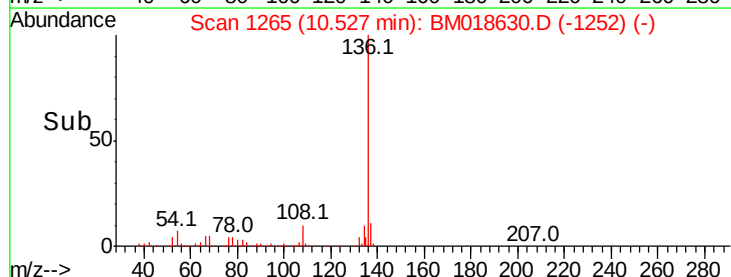
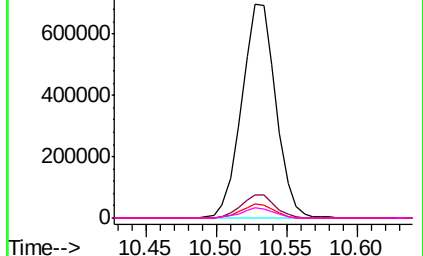


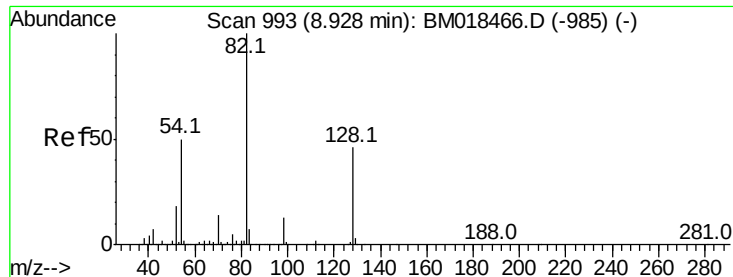
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

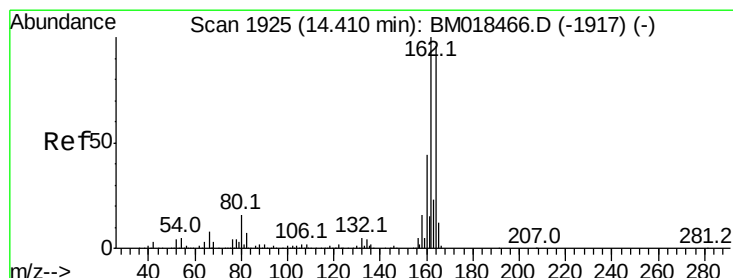
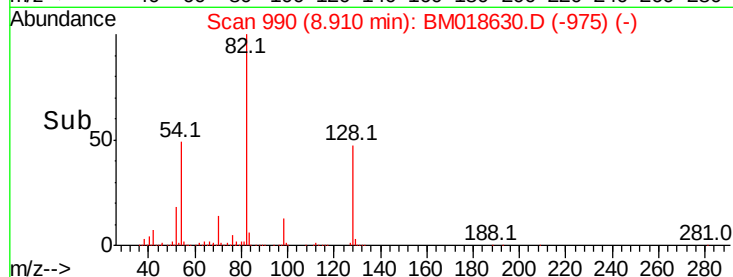
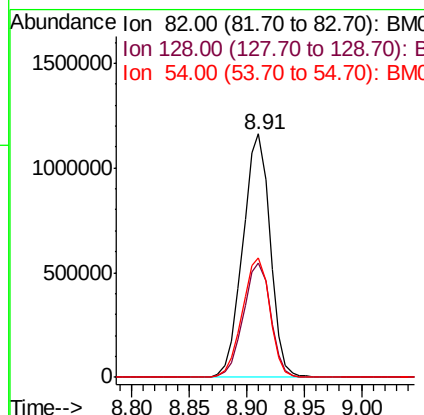
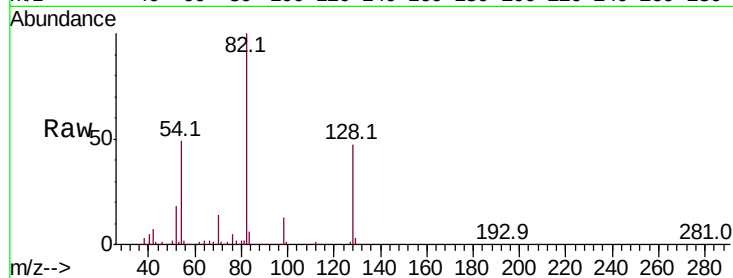




#23
Nitrobenzene-d5
Concen: 93.993 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

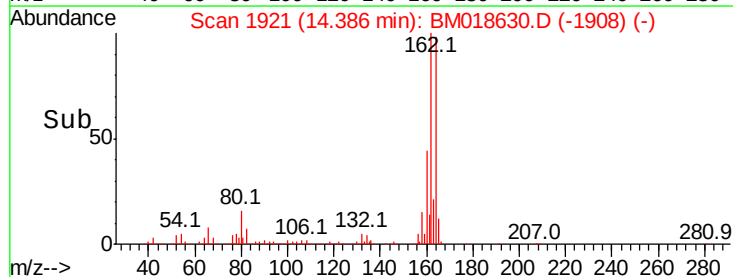
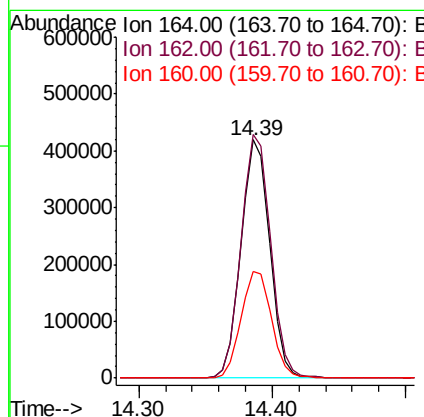
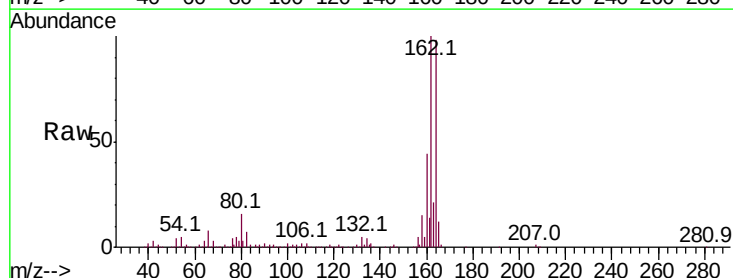
Instrument :
BNA_M
ClientSampleId :
D-10

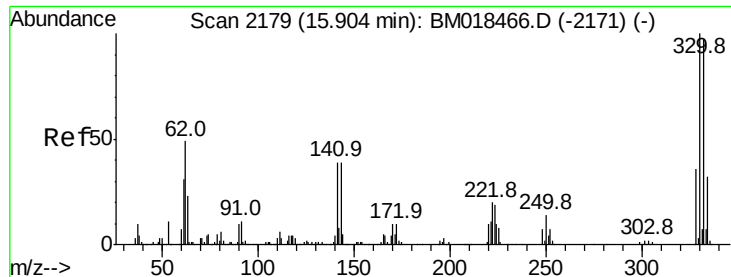
Tot Ion	82	Resp	1914897
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	49.0	41.7	62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018630.D
Acq: 18 Jan 2019 02:01

Tgt Ion	164	Resp	626231
Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.0	124.4
160	44.7	37.1	55.7

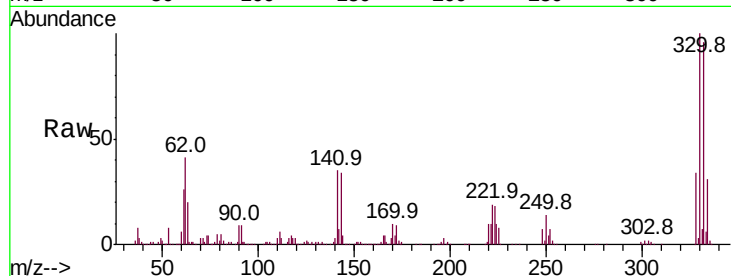




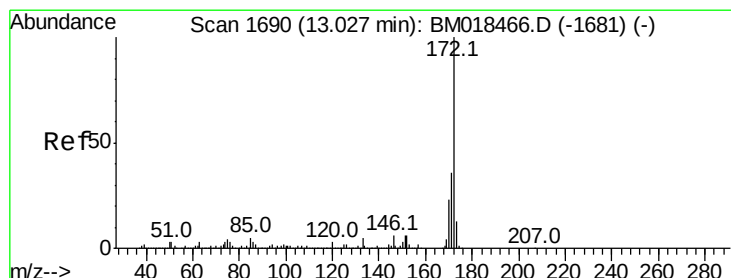
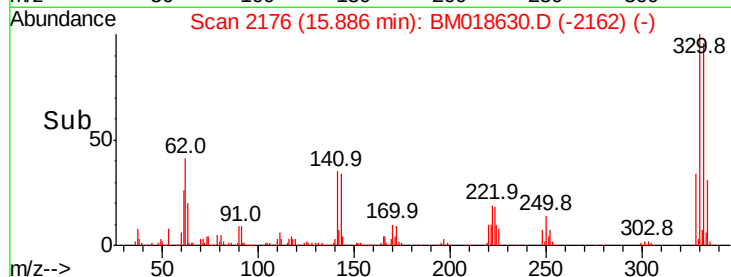
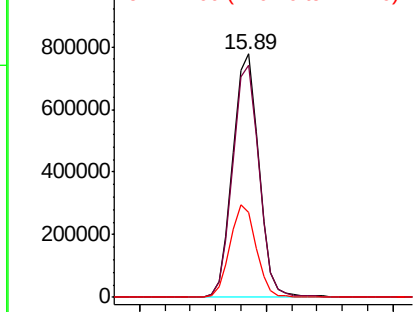
#42
 2,4,6-Tribromophenol
 Concen: 139.019 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018630.D
 Acq: 18 Jan 2019 02:01

Instrument :
 BNA_M
 ClientSampled :
 D-10

Tot Ion:330 Resp: 1108493
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 38.1 31.7 47.5

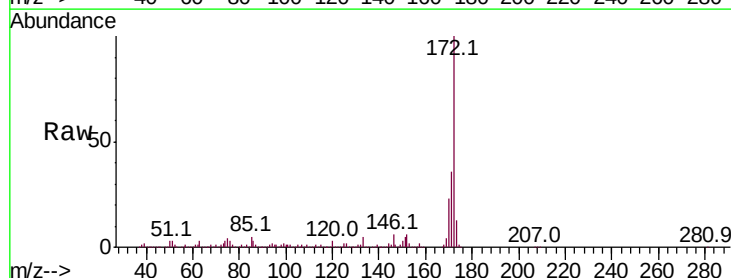


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

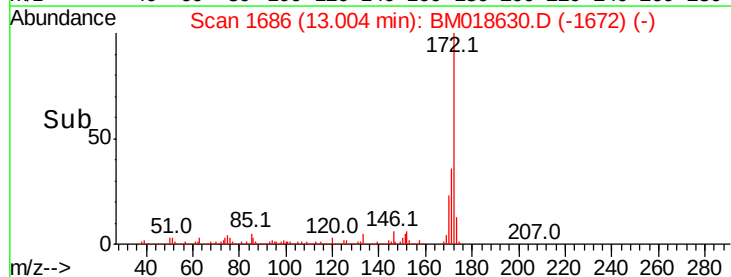
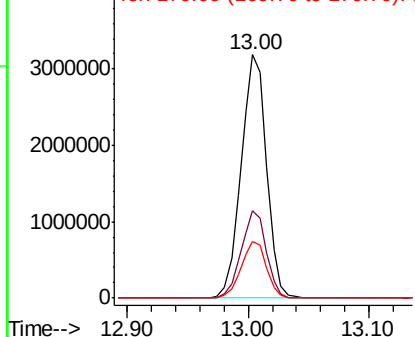


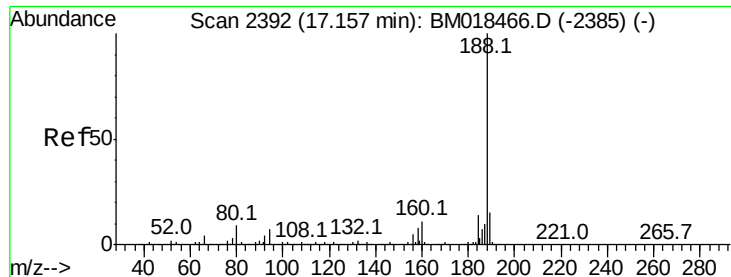
#45
 2-Fluorobiphenyl
 Concen: 97.345 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018630.D
 Acq: 18 Jan 2019 02:01

Tgt Ion:172 Resp: 4671777
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.4
 170 23.5 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: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018630.D

Acq: 18 Jan 2019 02:01

Instrument :

BNA_M

ClientSampleId :

D-10

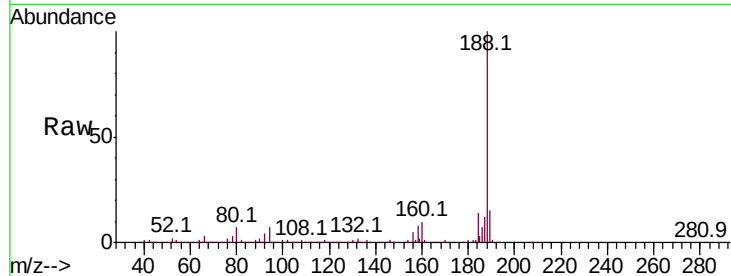
Tot Ion:188 Resp: 1275046

Ion Ratio Lower Upper

188 100

94 7.0 7.1 10.7#

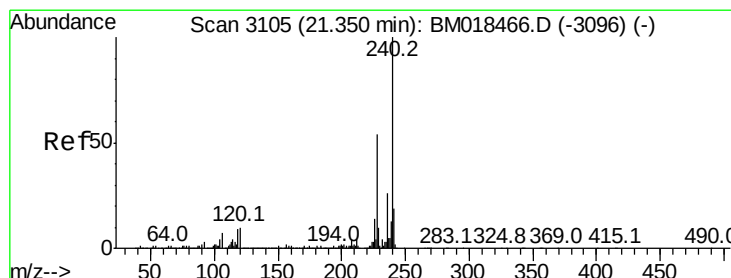
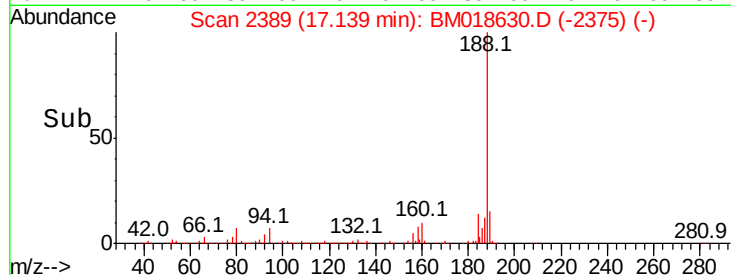
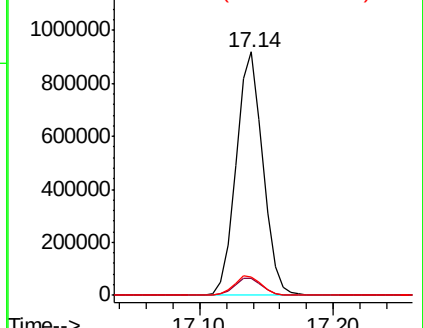
80 7.4 7.6 11.4#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BM018630.D

Acq: 18 Jan 2019 02:01

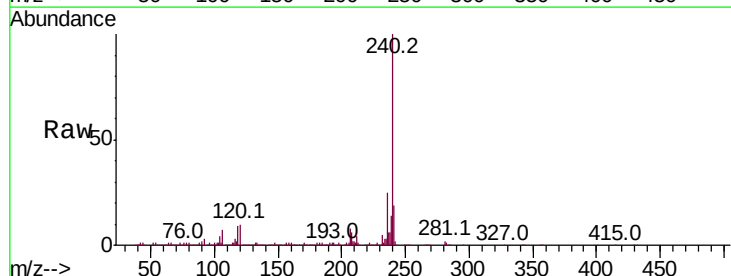
Tgt Ion:240 Resp: 1096186

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

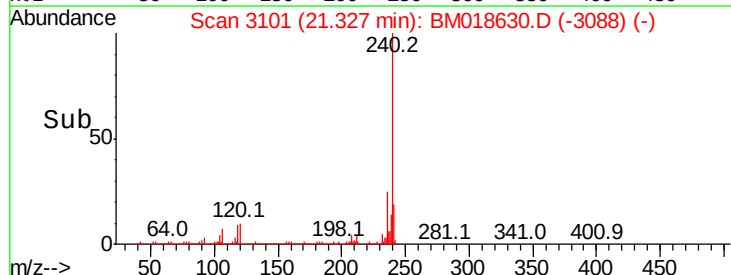
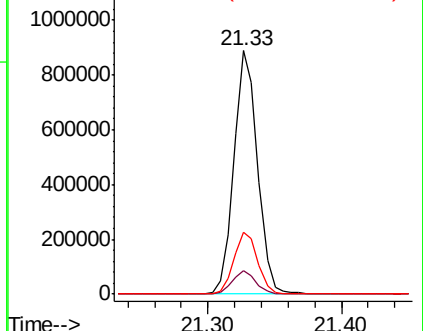
236 25.4 20.7 31.1

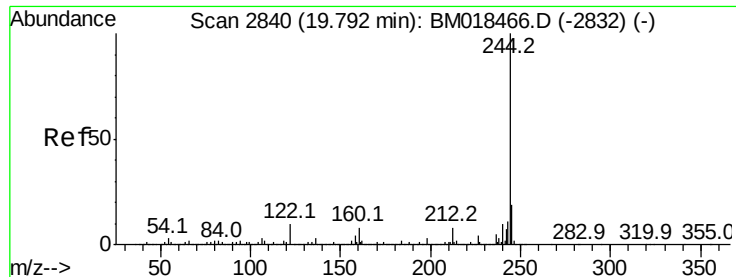


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.941 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018630.D

Acq: 18 Jan 2019 02:01

Instrument :

BNA_M

ClientSampled :

D-10

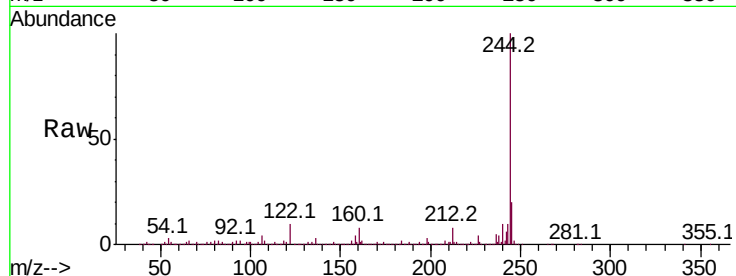
Tot Ion:244 Resp: 5560963

Ion Ratio Lower Upper

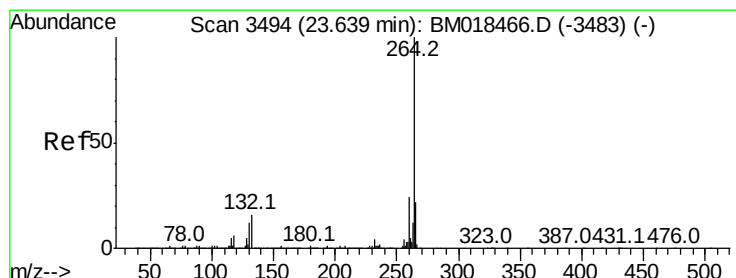
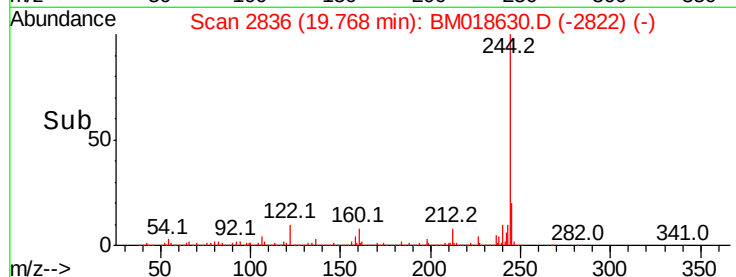
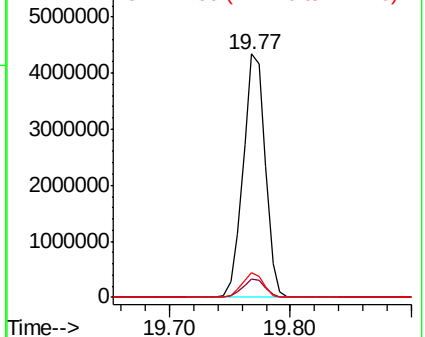
244 100

212 7.8 5.9 8.9

122 10.3 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.60 min Scan# 3488

Delta R.T. -0.03 min

Lab File: BM018630.D

Acq: 18 Jan 2019 02:01

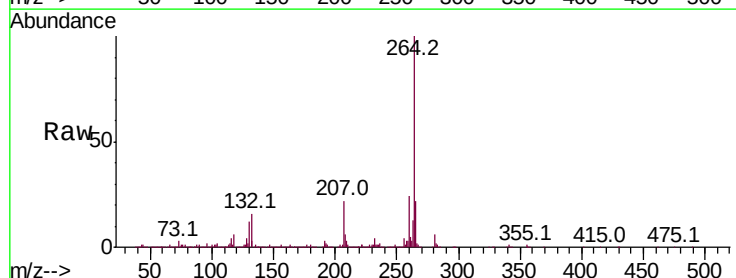
Tgt Ion:264 Resp: 1099883

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.1 16.8 25.2



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

