

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018631.D
 Acq On : 18 Jan 2019 02:37
 Operator : JU/SJ
 Sample : K1167-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CLOVER-YARD-A

Quant Time: Jan 18 06:18:23 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	296985	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1126181	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	587451	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1195809	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1028482	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1067754	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2147055	133.49	ng	-0.02
7) Phenol-d6	6.92	99	2403392	117.65	ng	-0.02
23) Nitrobenzene-d5	8.91	82	1868605	96.19	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1068113	142.80	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	4460183	99.07	ng	-0.02
79) Terphenyl-d14	19.77	244	5340056	109.45	ng	-0.02

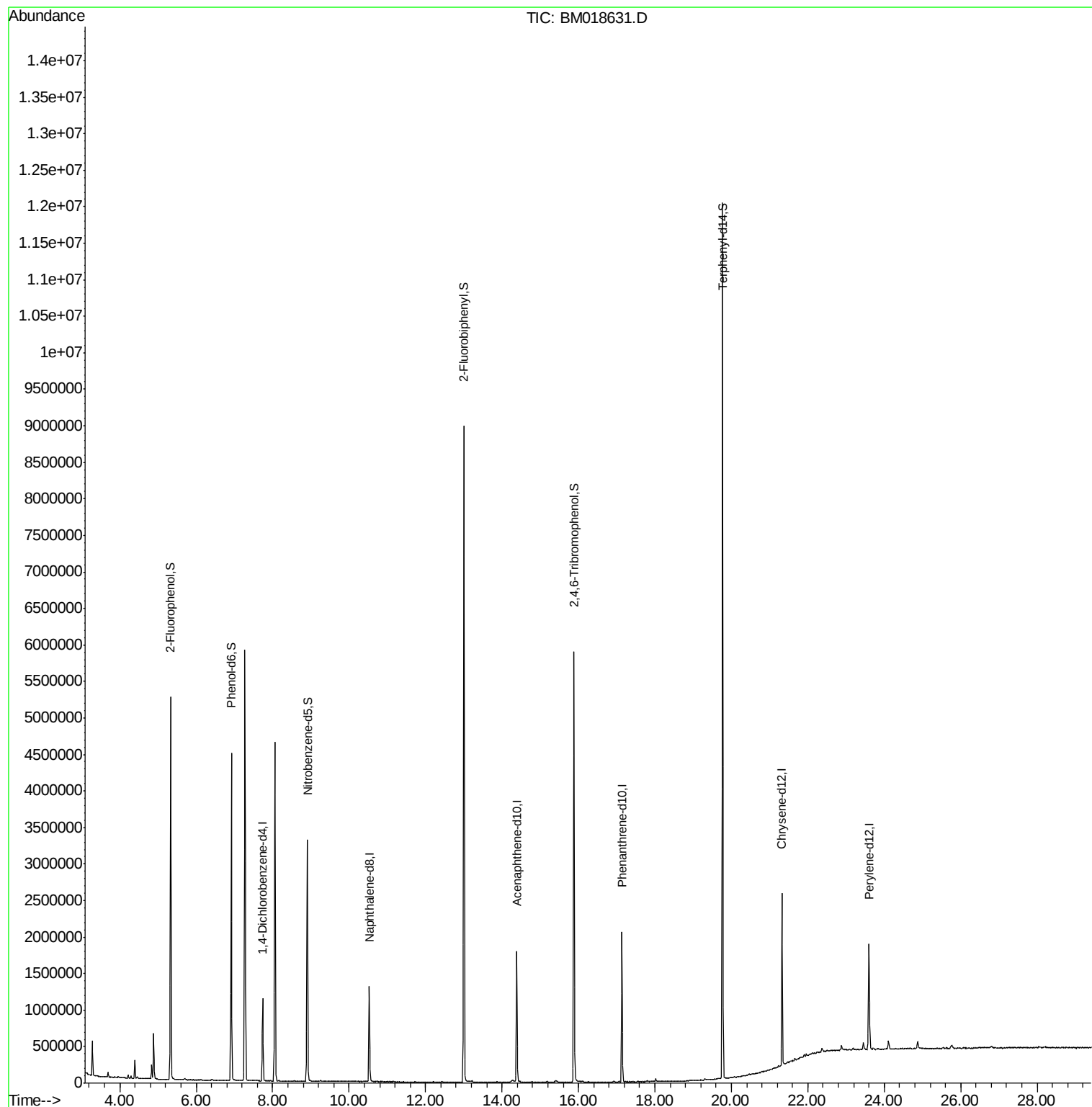
Target Compounds Qvalue

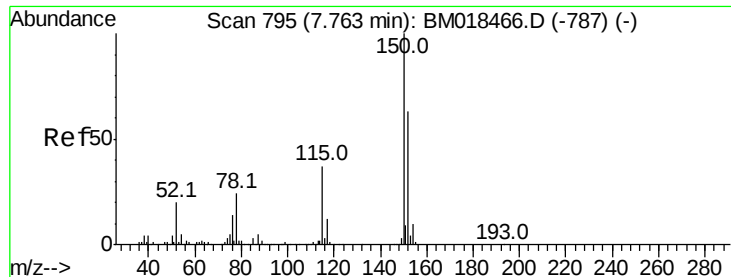
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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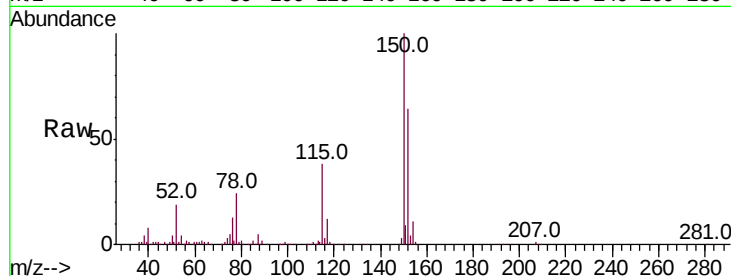


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

Instrument :
BNA_M
ClientSampleId :
CLOVER-YARD-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.9	190.3
115	58.6	45.5	68.3

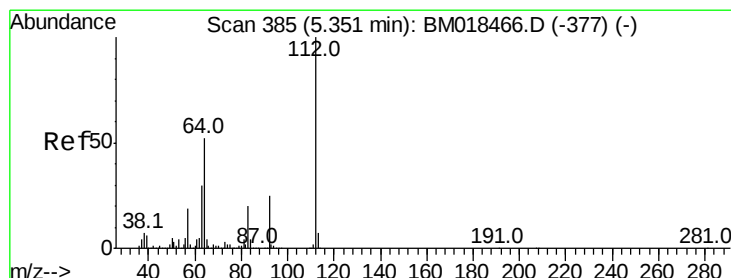
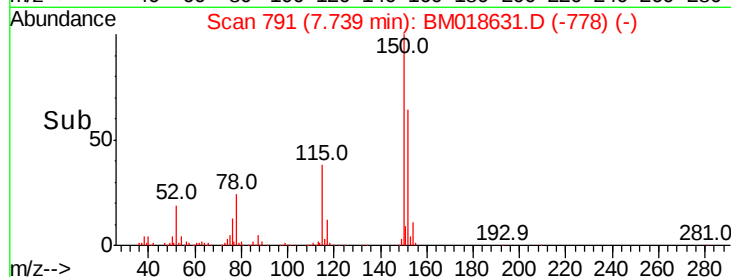
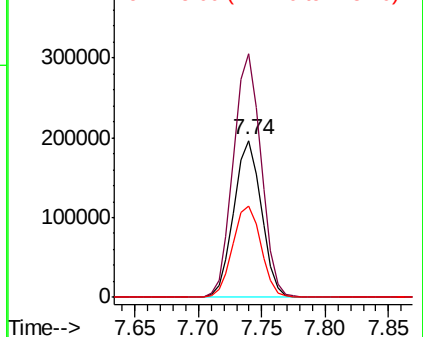


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

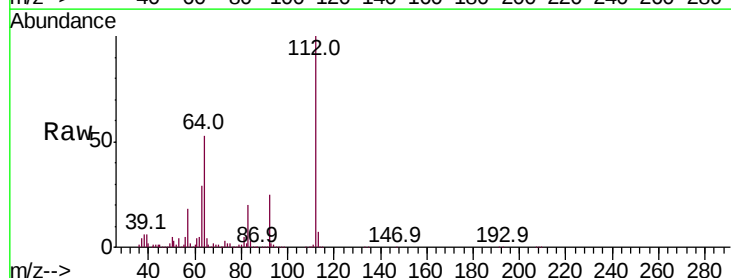
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.492 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	29.4	25.2	37.8

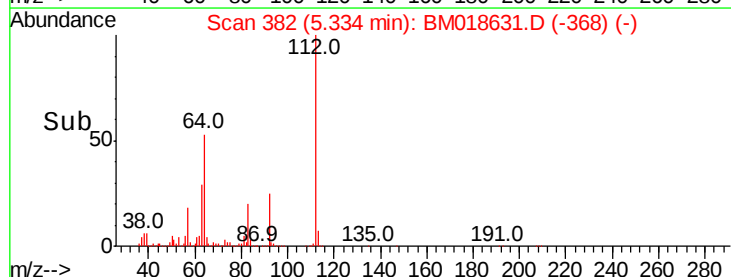
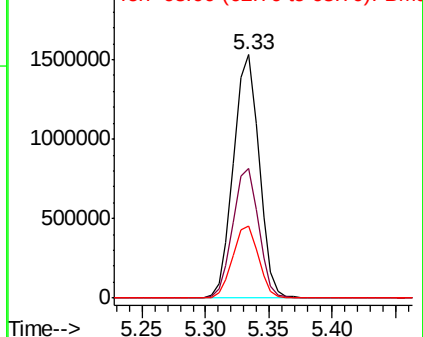


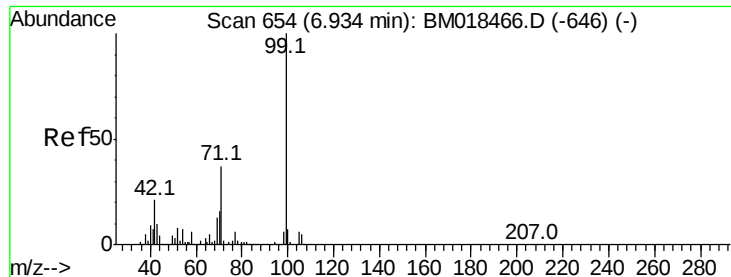
Abundance

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: 117.650 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018631.D

Acq: 18 Jan 2019 02:37

Instrument :

BNA_M

ClientSampleId :

CLOVER-YARD-A

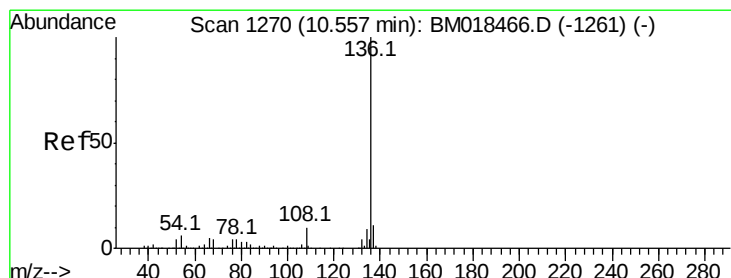
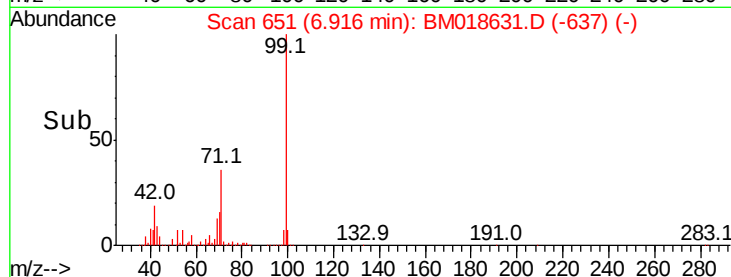
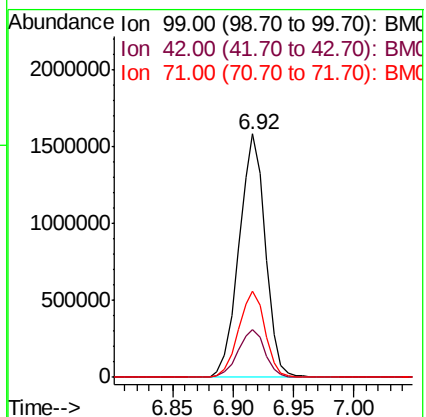
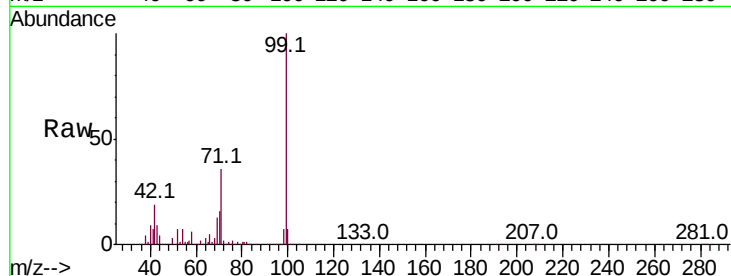
Tot Ion: 99 Resp: 2403392

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

71 35.6 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018631.D

Acq: 18 Jan 2019 02:37

Tgt Ion: 136 Resp: 1126181

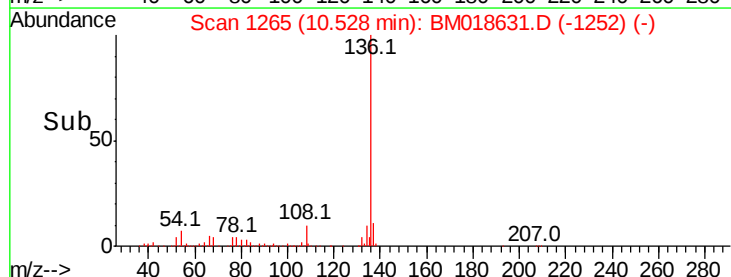
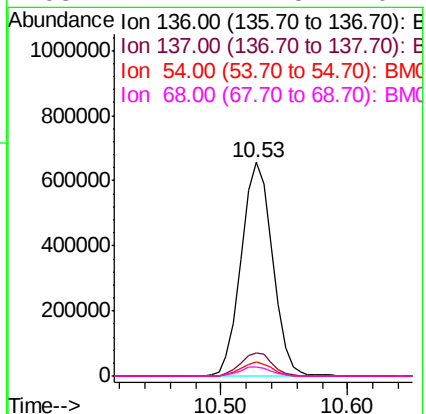
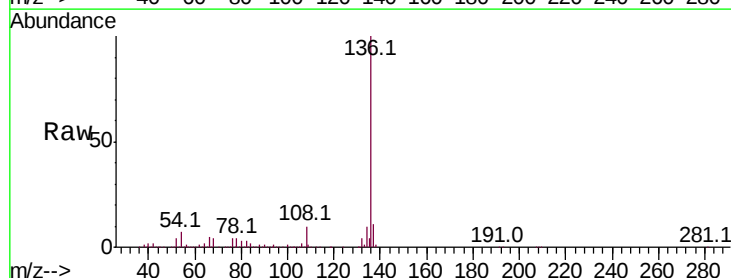
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.6 6.0 9.0

68 4.4 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 96.188 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM018631.D

Acq: 18 Jan 2019 02:37

Instrument :

BNA_M

ClientSampleId :

CLOVER-YARD-A

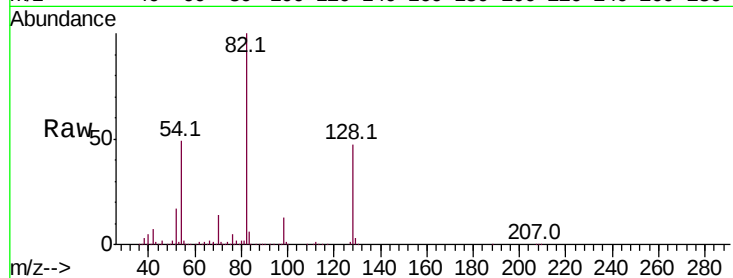
Tot Ion: 82 Resp: 1868605

Ion Ratio Lower Upper

82 100

128 47.3 36.3 54.5

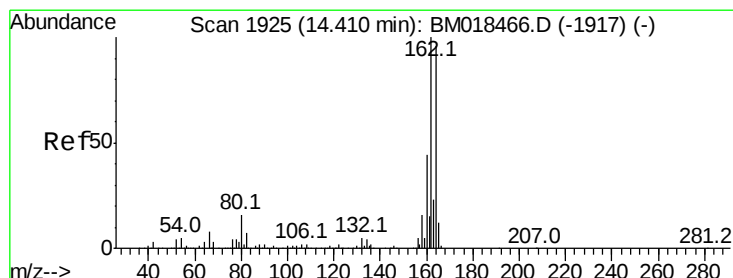
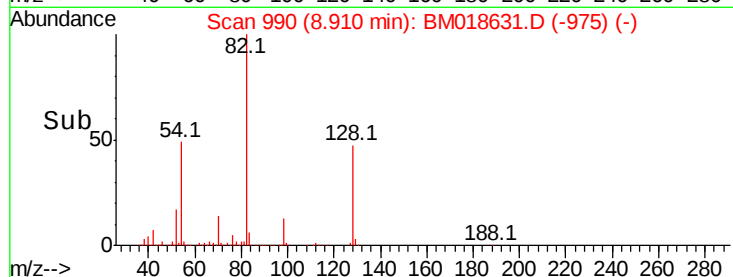
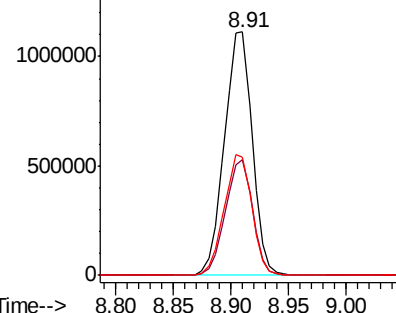
54 48.8 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

1500000 Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BM018631.D

Acq: 18 Jan 2019 02:37

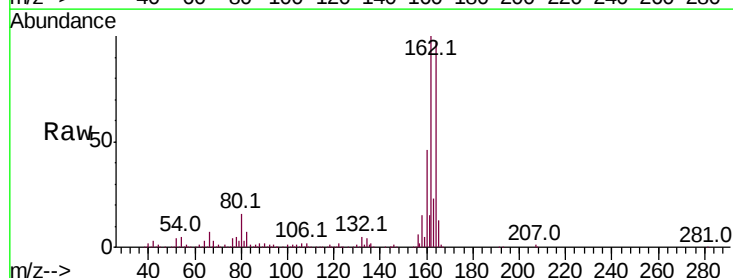
Tgt Ion:164 Resp: 587451

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.4

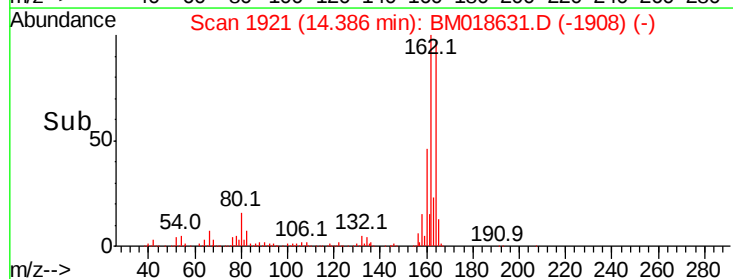
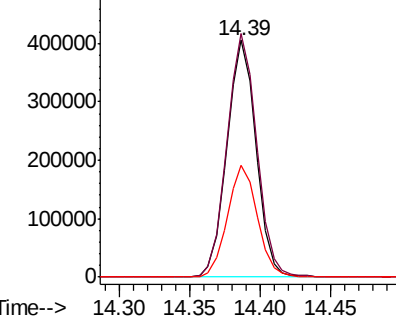
160 47.4 37.1 55.7

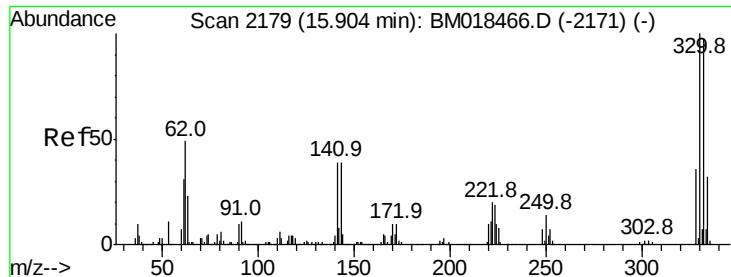


Abundance Ion 164.00 (163.70 to 164.70): BM018466.D (-1917) (-)

500000 Ion 162.00 (161.70 to 162.70): BM018466.D (-1917) (-)

Ion 160.00 (159.70 to 160.70): BM018466.D (-1917) (-)

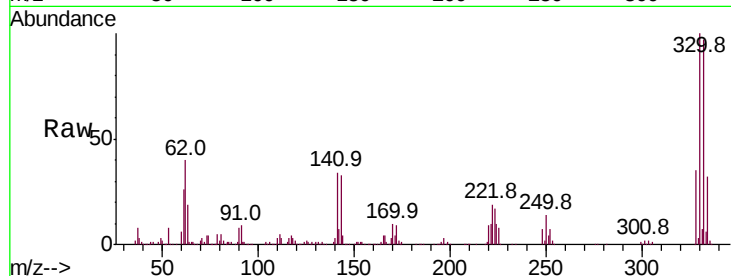




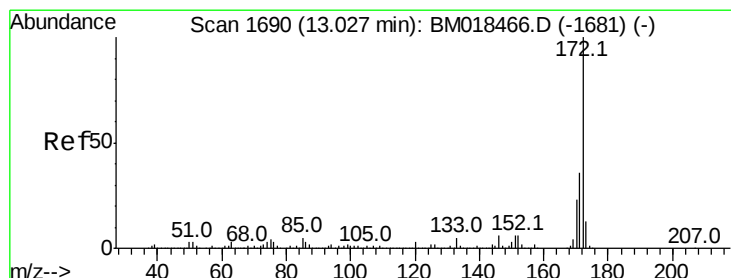
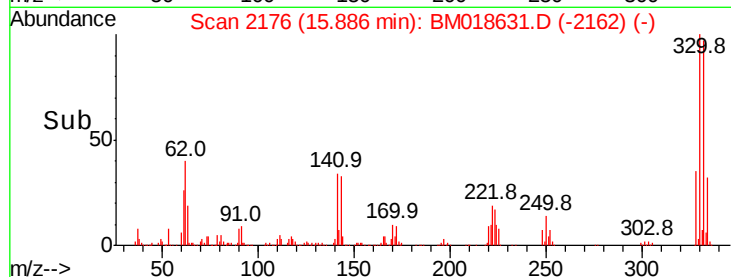
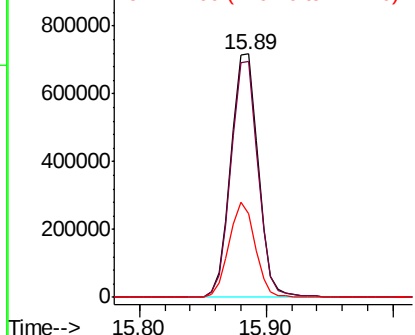
#42
 2,4,6-Tribromophenol
 Concen: 142.798 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018631.D
 Acq: 18 Jan 2019 02:37

Instrument :
 BNA_M
 ClientSampleId :
 CLOVER-YARD-A

Tot Ion:330 Resp: 1068113
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.6 116.4
 141 37.7 31.7 47.5

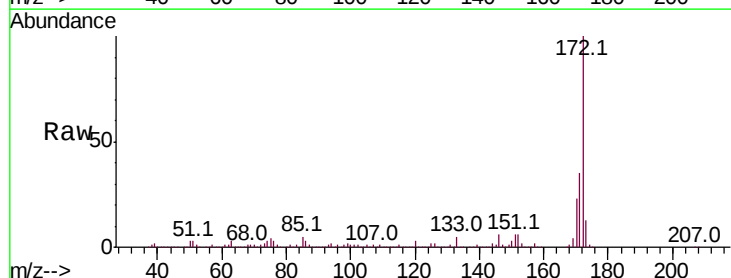


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

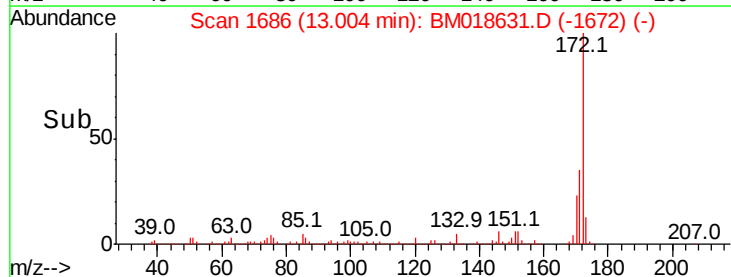
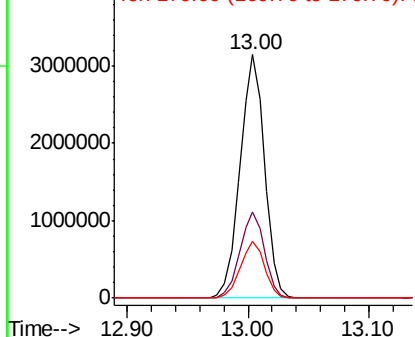


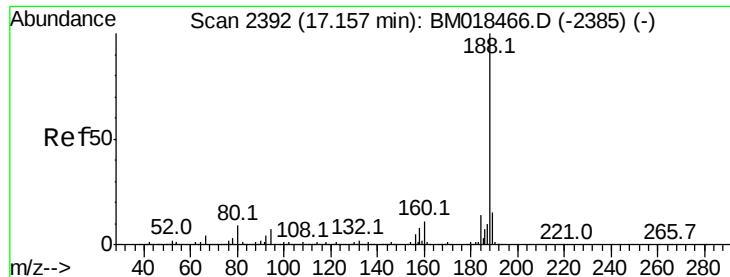
#45
 2-Fluorobiphenyl
 Concen: 99.071 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018631.D
 Acq: 18 Jan 2019 02:37

Tgt Ion:172 Resp: 4460183
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.1 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

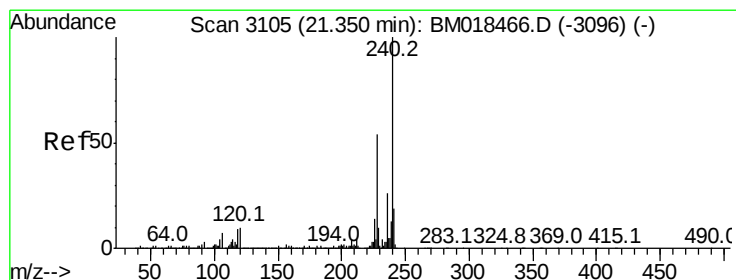
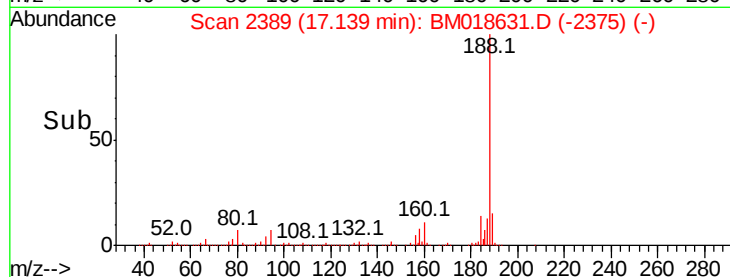
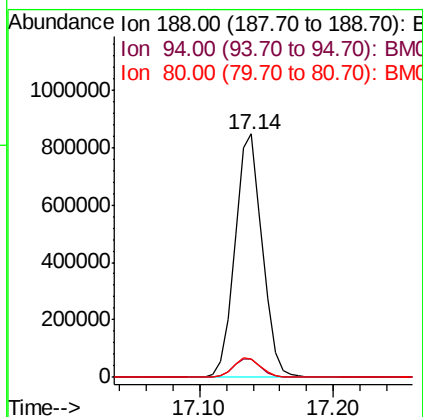
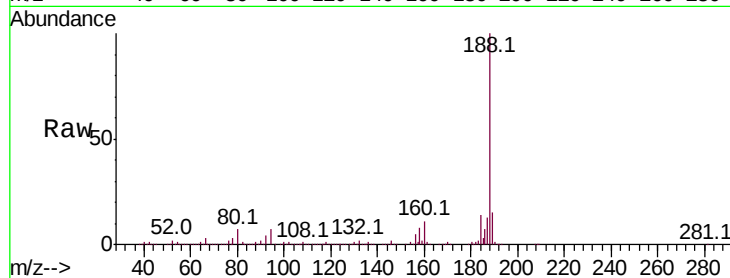




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

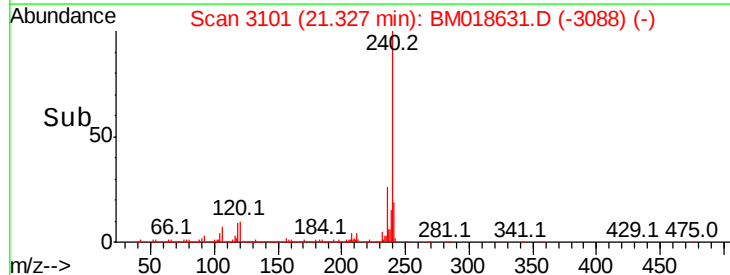
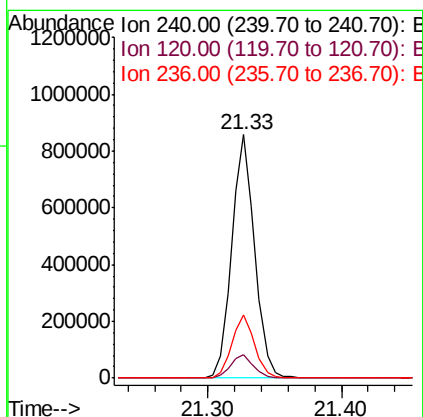
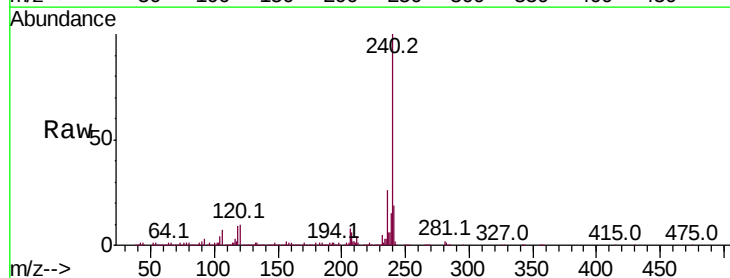
Instrument :
BNA_M
ClientSampleId :
CLOVER-YARD-A

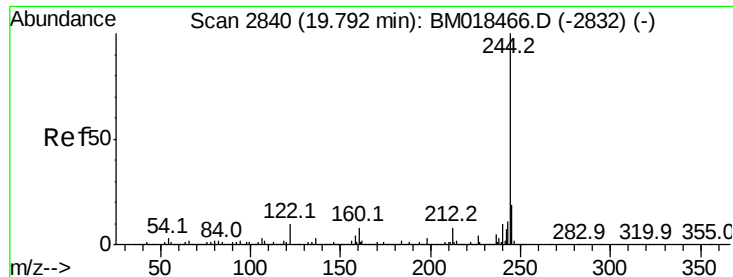
Tot Ion:188 Resp: 1195809
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 7.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018631.D
Acq: 18 Jan 2019 02:37

Tgt Ion:240 Resp: 1028482
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.8 20.7 31.1

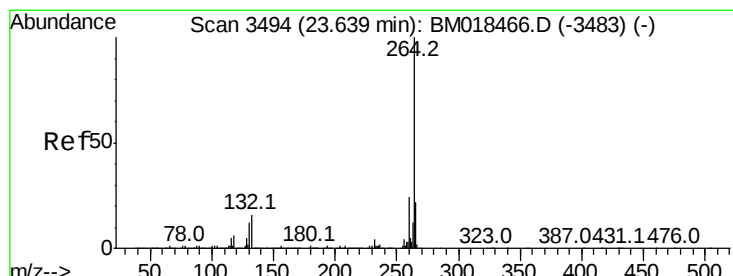
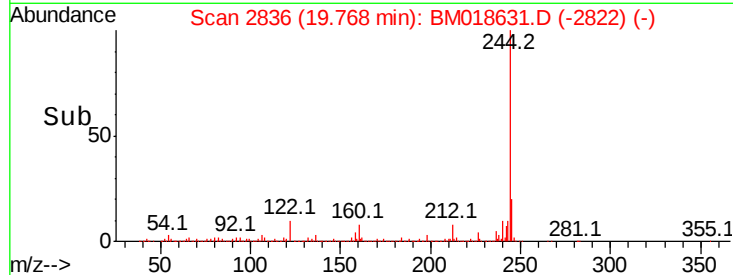
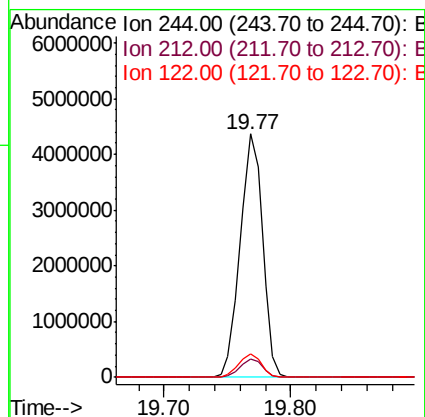
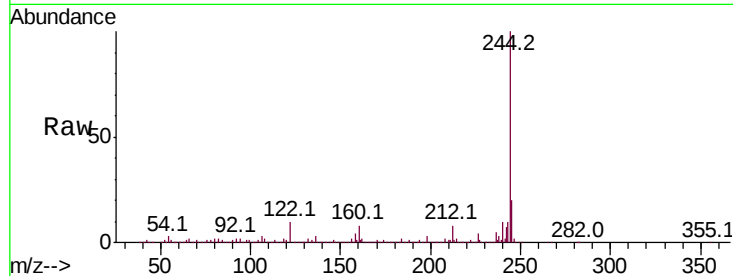




#79
 Terphenyl-d14
 Concen: 109.453 ng
 RT: 19.77 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BM018631.D
 Acq: 18 Jan 2019 02:37

Instrument :
 BNA_M
 ClientSampleId :
 CLOVER-YARD-A

Tot Ion:244 Resp: 5340056
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.8 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.60 min Scan# 3487
 Delta R.T. -0.04 min
 Lab File: BM018631.D
 Acq: 18 Jan 2019 02:37

Tgt Ion:264 Resp: 1067754
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 21.9 16.8 25.2

