

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018561.D
 Acq On : 14 Jan 2019 20:58
 Operator : JU/SJ
 Sample : PB116317BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 14 23:31:39 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	7.75	152	207193	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	845961	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	521108	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1295529	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1528006	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1671183	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1417148	126.30	ng	0.00
7) Phenol-d6	6.93	99	1845820	129.51	ng	0.00
23) Nitrobenzene-d5	8.92	82	1084124	74.29	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	878298	132.37	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	2927258	73.30	ng	0.00
79) Terphenyl-d14	19.78	244	5440690	75.06	ng	0.00

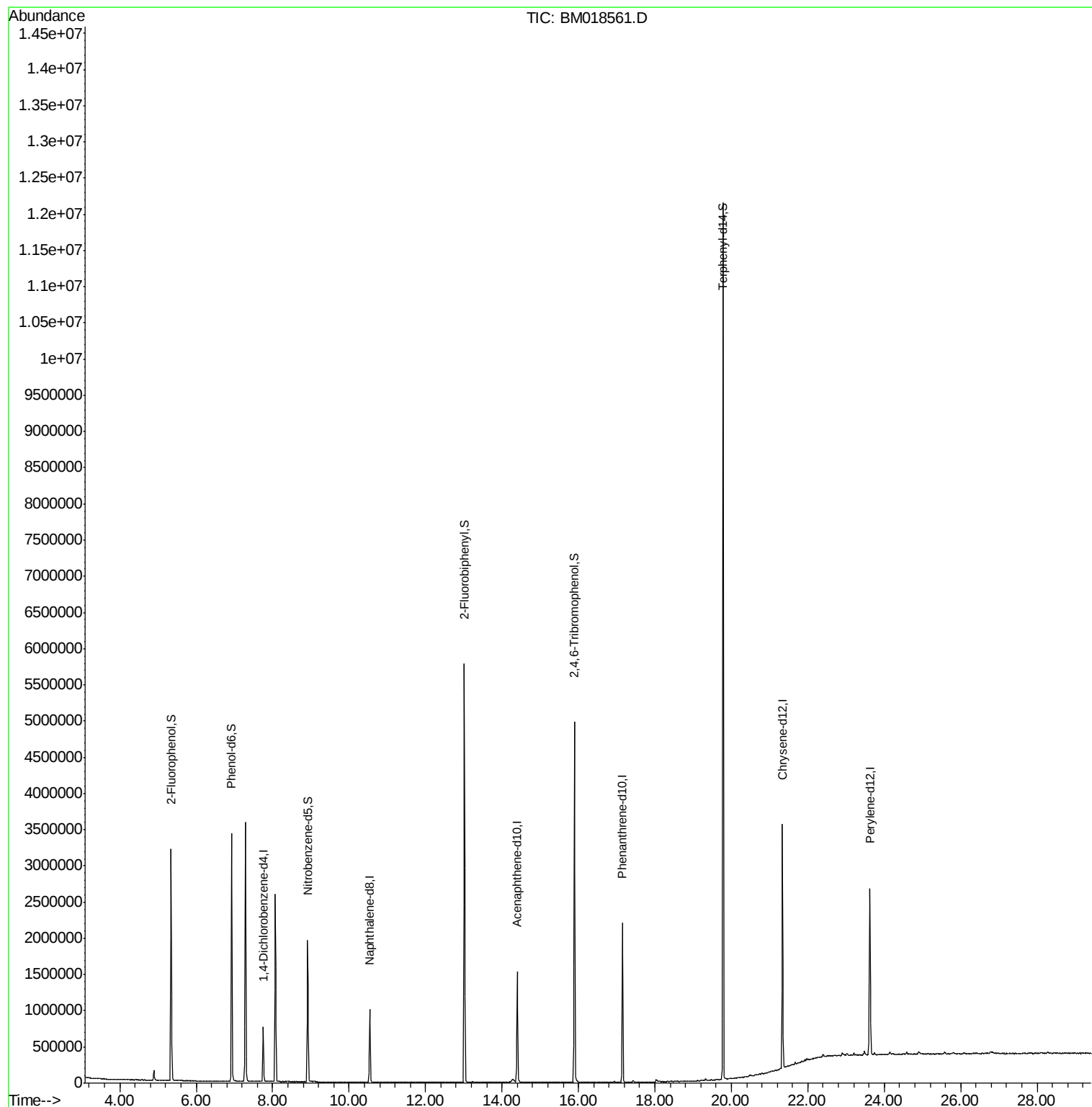
Target Compounds Qvalue

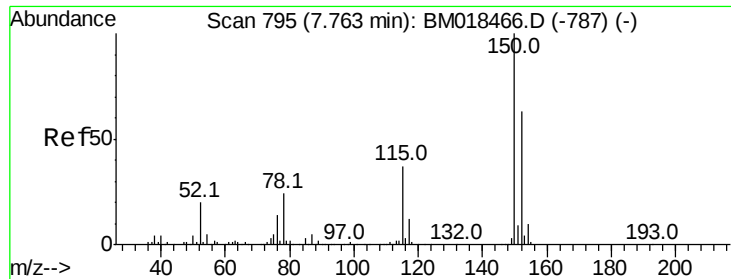
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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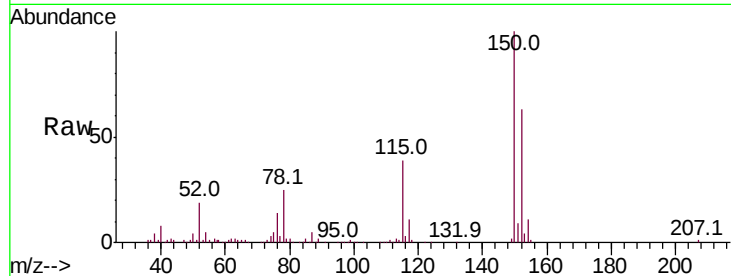


#1

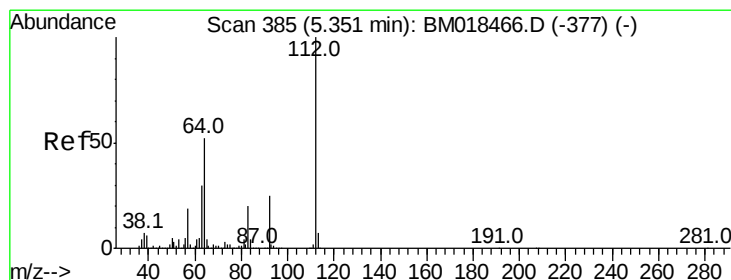
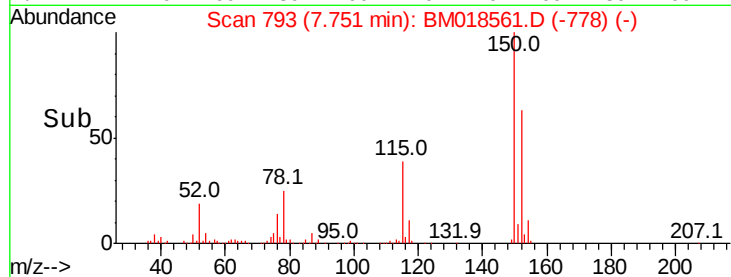
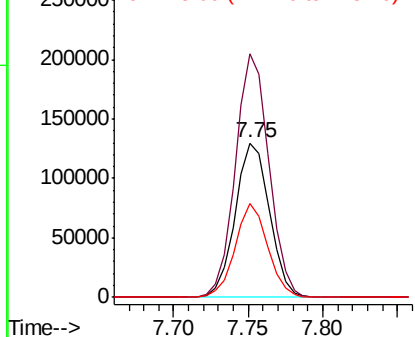
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018561.D
Acq: 14 Jan 2019 20:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 207193
Ion Ratio Lower Upper
152 100
150 157.6 126.9 190.3
115 60.7 45.5 68.3



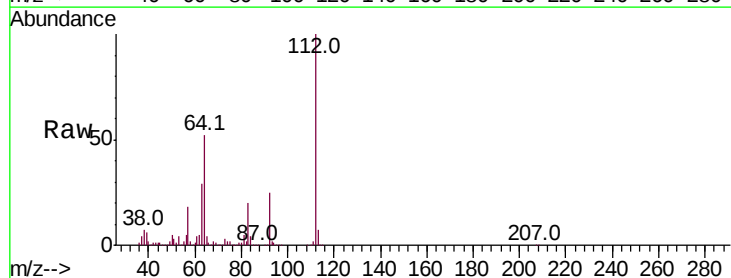
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



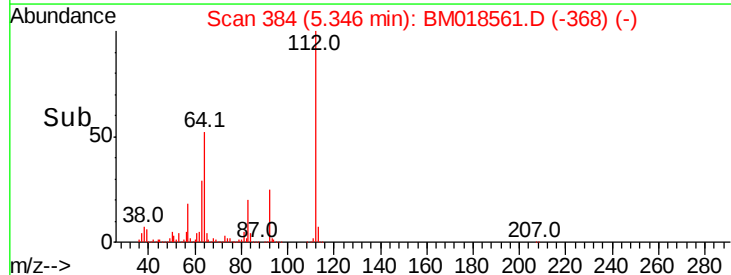
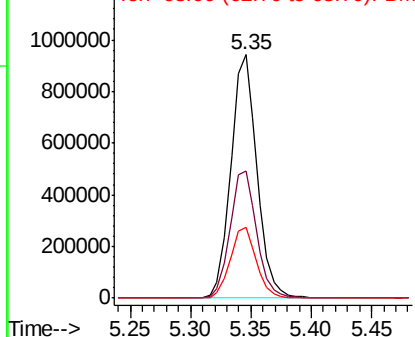
#5

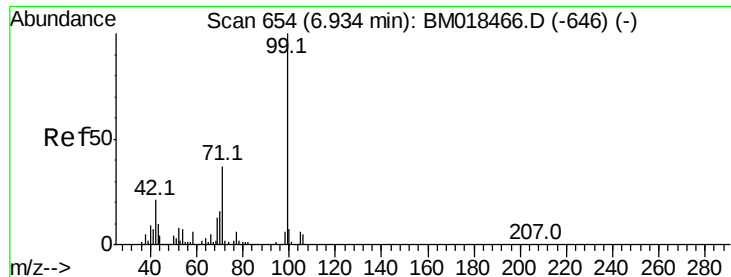
2-Fluorophenol
Concen: 126.295 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018561.D
Acq: 14 Jan 2019 20:58

Tgt Ion:112 Resp: 1417148
Ion Ratio Lower Upper
112 100
64 52.3 46.5 69.7
63 28.9 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: 129.514 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018561.D

Acq: 14 Jan 2019 20:58

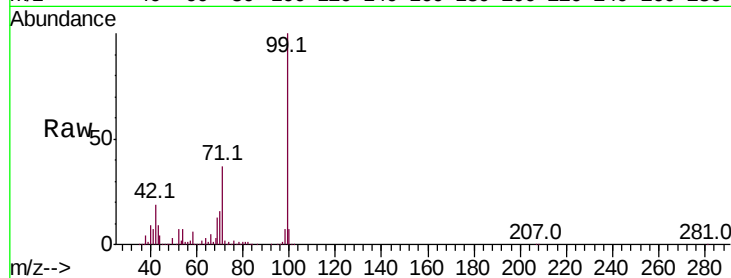
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1845820

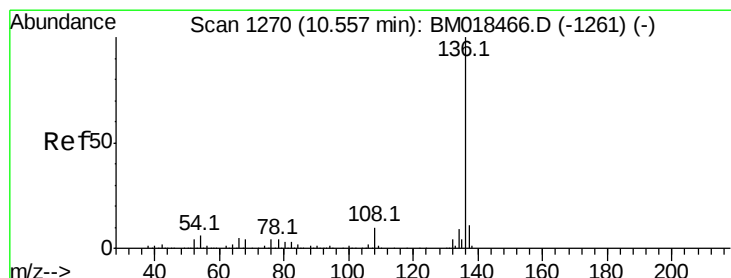
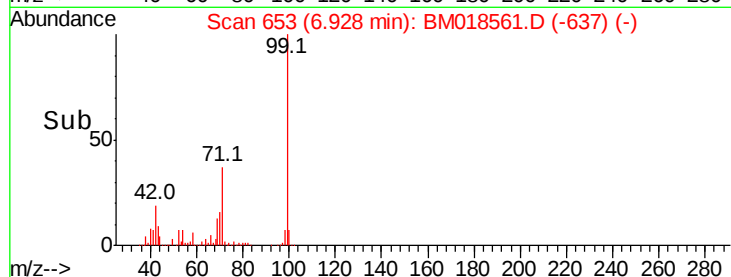
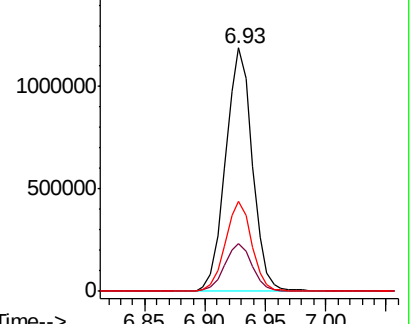
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.3	25.9
71	36.9	28.0	42.0



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: 10.55 min Scan# 1268

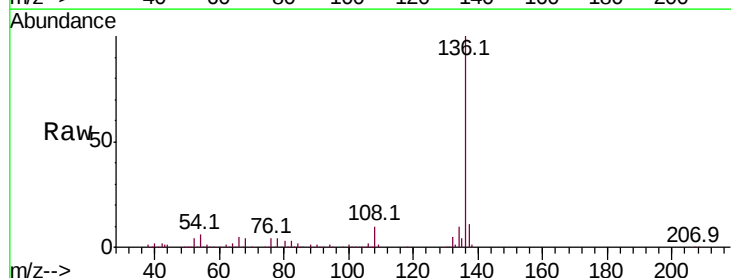
Delta R.T. -0.01 min

Lab File: BM018561.D

Acq: 14 Jan 2019 20:58

Tgt Ion: 136 Resp: 845961

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.1	6.0	9.0
68	4.2	4.5	6.7#

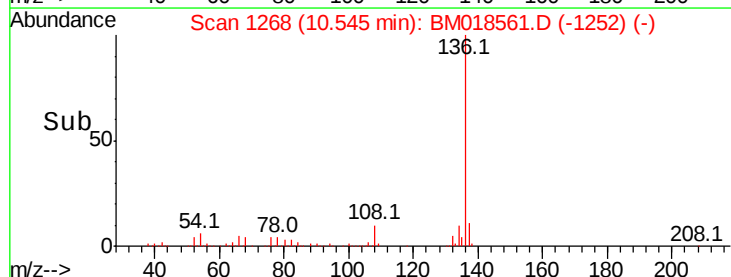
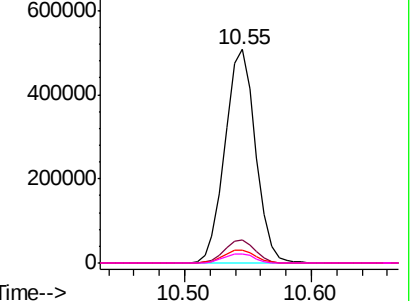


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

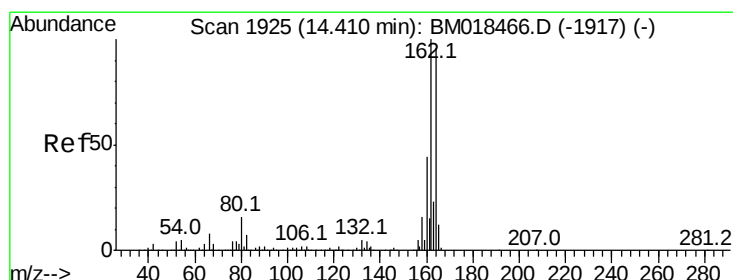
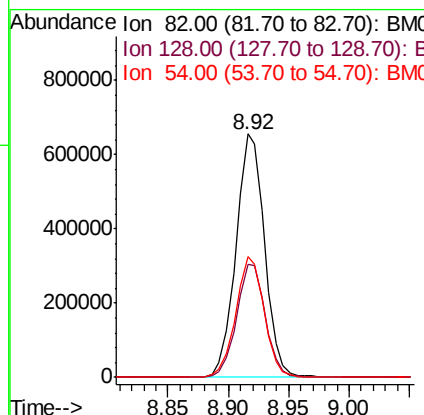
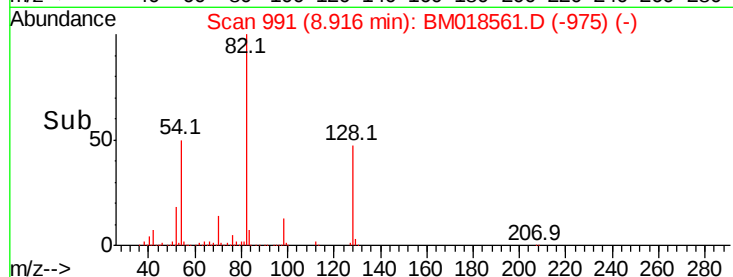
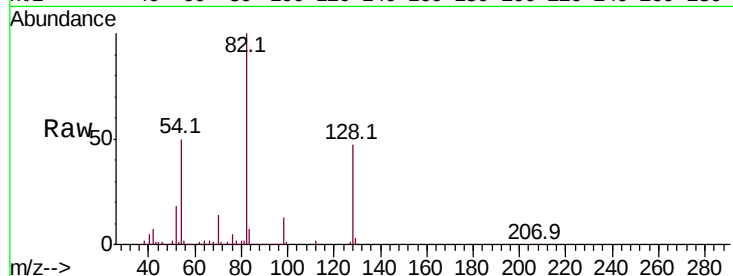




#23
Nitrobenzene-d5
Concen: 74.291 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018561.D
Acq: 14 Jan 2019 20:58

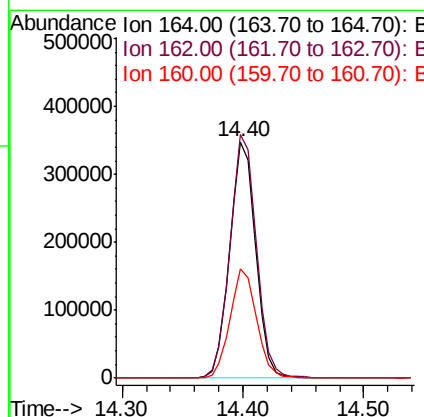
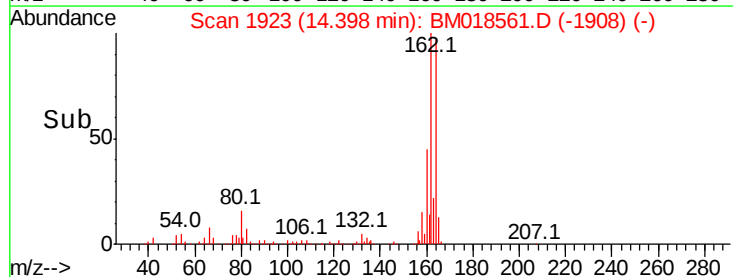
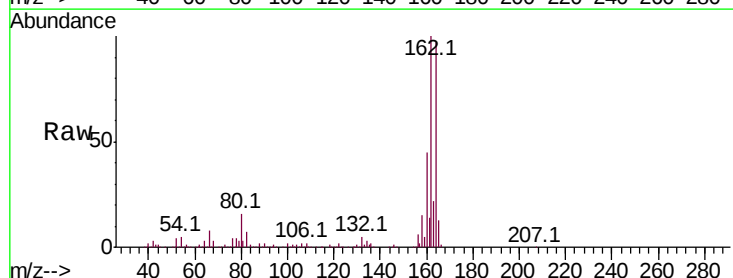
Instrument :
BNA_M
ClientSampled :

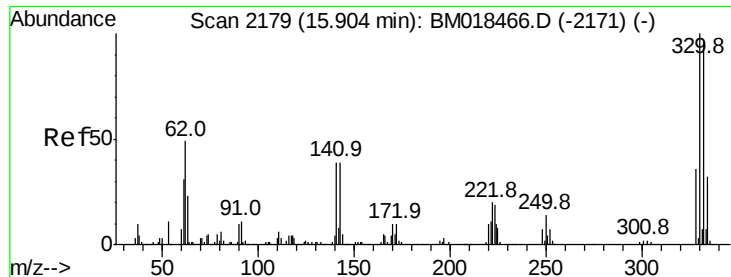
Tot Ion: 82 Resp: 1084124
Ion Ratio Lower Upper
82 100
128 46.6 36.3 54.5
54 49.8 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018561.D
Acq: 14 Jan 2019 20:58

Tgt Ion:164 Resp: 521108
Ion Ratio Lower Upper
164 100
162 103.1 83.0 124.4
160 46.4 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 132.370 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018561.D

Acq: 14 Jan 2019 20:58

Instrument :

BNA_M

ClientSampleId :

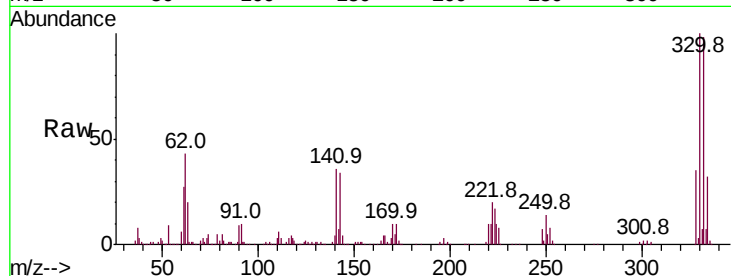
Tot Ion:330 Resp: 878298

Ion Ratio Lower Upper

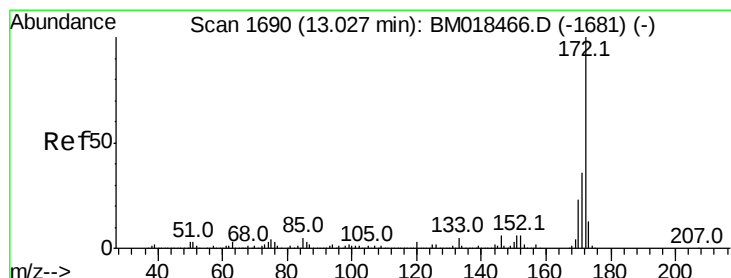
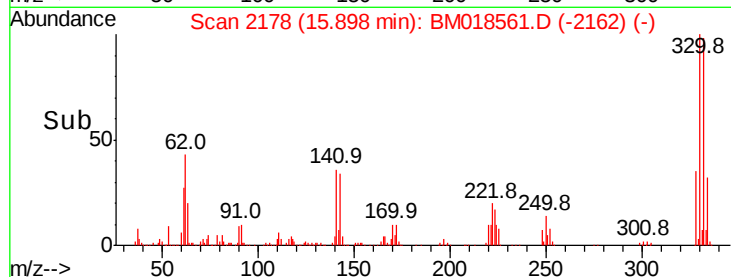
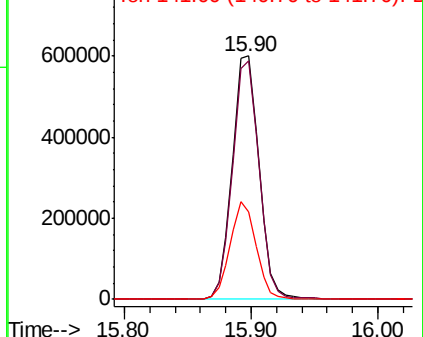
330 100

332 96.6 77.6 116.4

141 38.7 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: 73.299 ng

RT: 13.02 min Scan# 1688

Delta R.T. -0.01 min

Lab File: BM018561.D

Acq: 14 Jan 2019 20:58

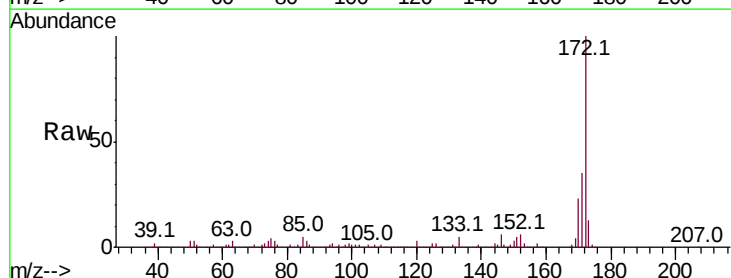
Tgt Ion:172 Resp: 2927258

Ion Ratio Lower Upper

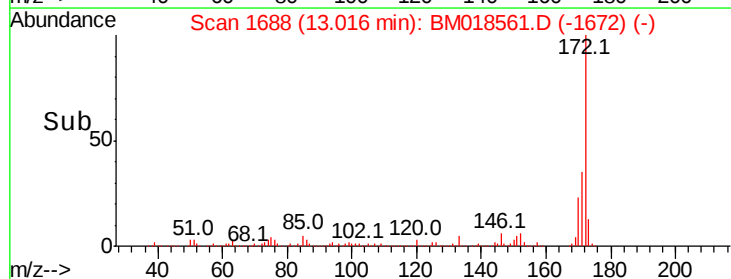
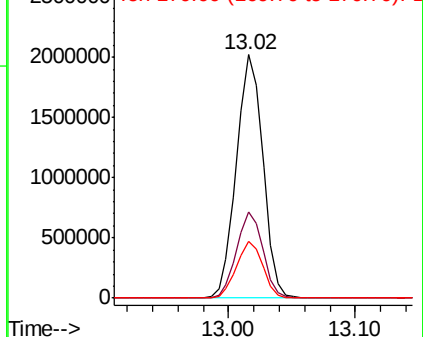
172 100

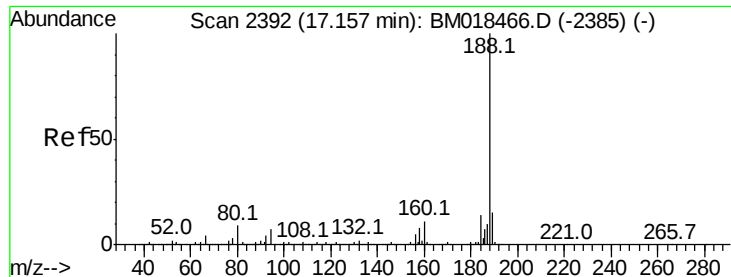
171 35.4 28.2 42.4

170 23.2 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: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018561.D

Acq: 14 Jan 2019 20:58

Instrument :

BNA_M

ClientSampleId :

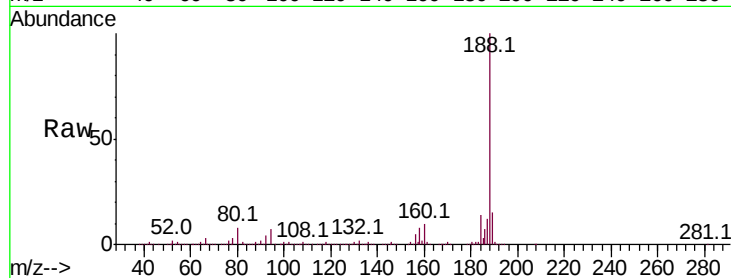
Tot Ion:188 Resp: 1295529

Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

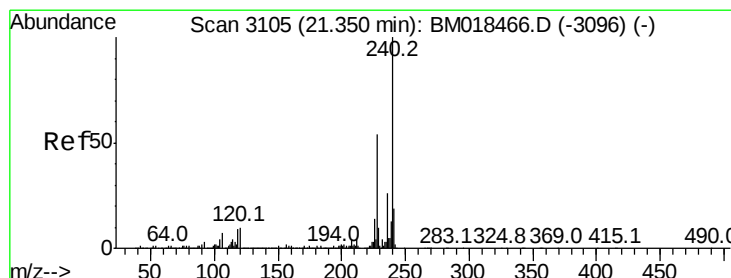
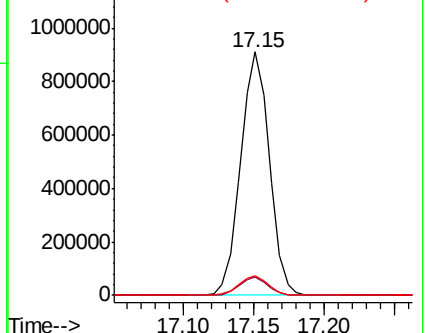
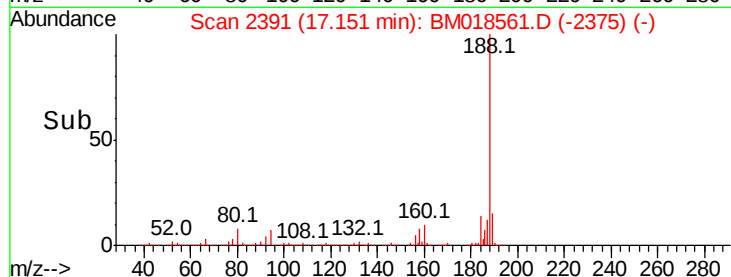
80 8.0 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018561.D (-2375) (-)

Ion 80.00 (79.70 to 80.70): BM018561.D (-2375) (-)



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018561.D

Acq: 14 Jan 2019 20:58

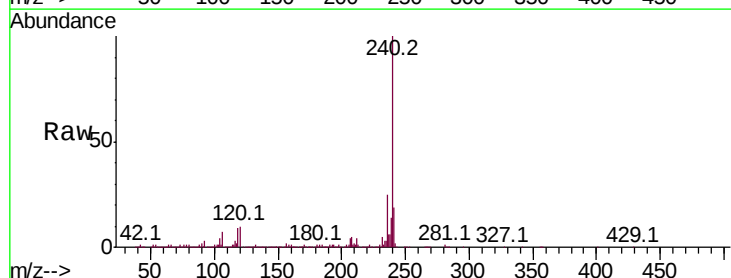
Tgt Ion:240 Resp: 1528006

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

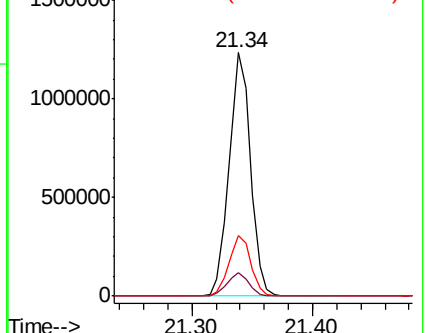
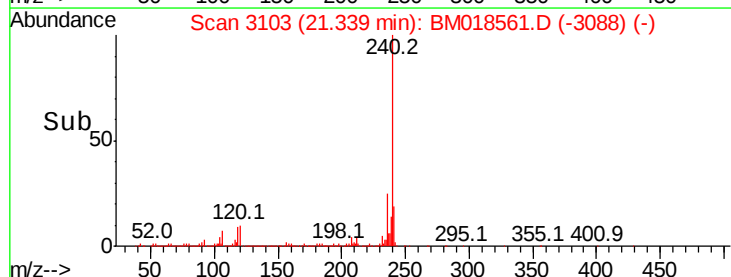
236 25.0 20.7 31.1

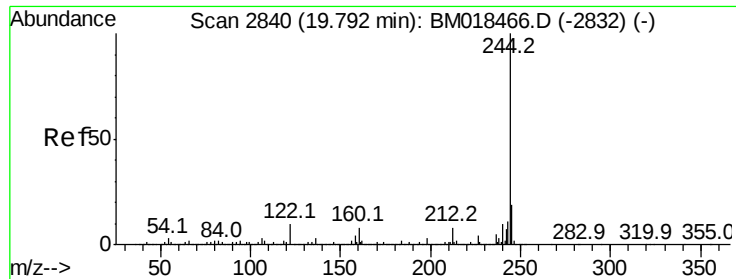


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

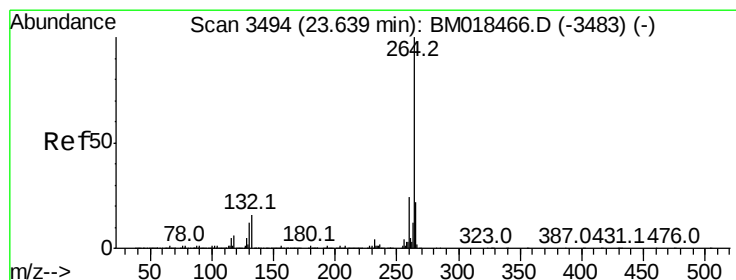
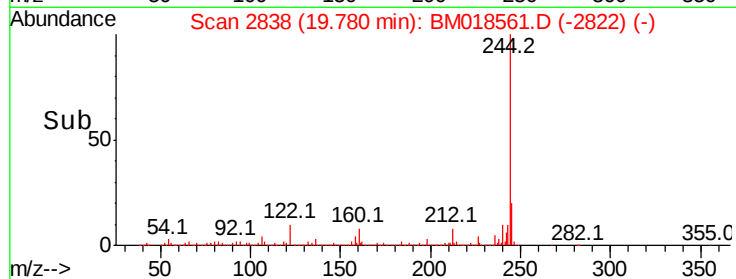
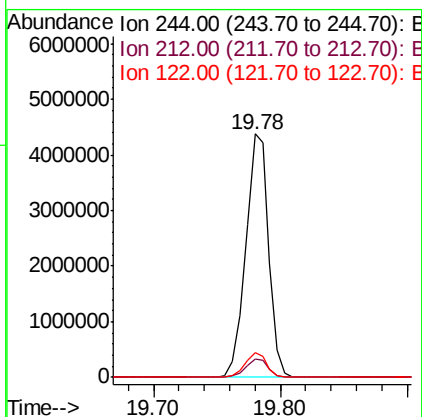
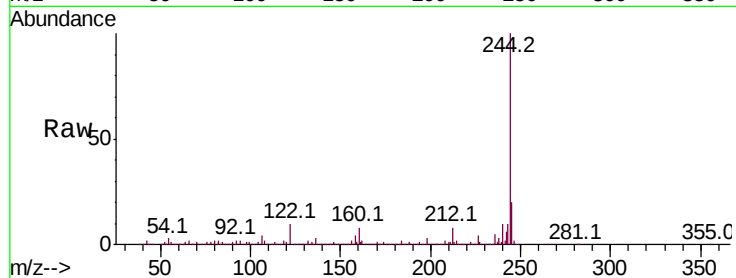




#79
 Terphenyl-d14
 Concen: 75.060 ng
 RT: 19.78 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BM018561.D
 Acq: 14 Jan 2019 20:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 5440690
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.2 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.62 min Scan# 3491
 Delta R.T. -0.01 min
 Lab File: BM018561.D
 Acq: 14 Jan 2019 20:58

Tgt Ion:264 Resp: 1671183
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 22.0 16.8 25.2

