

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018602.D
 Acq On : 17 Jan 2019 03:47
 Operator : JU/SJ
 Sample : K1147-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Jan 17 05:52:29 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	395076	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1599273	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	910039	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	2072963	20.00	ng	-0.01
76) Chrysene-d12	21.33	240	2053321	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1613690	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2638676	123.33	ng	-0.01
7) Phenol-d6	6.93	99	3005126	110.58	ng	0.00
23) Nitrobenzene-d5	8.92	82	2404295	87.15	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1659420	143.21	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	5985047	85.82	ng	-0.01
79) Terphenyl-d14	19.78	244	9626284	98.83	ng	0.00

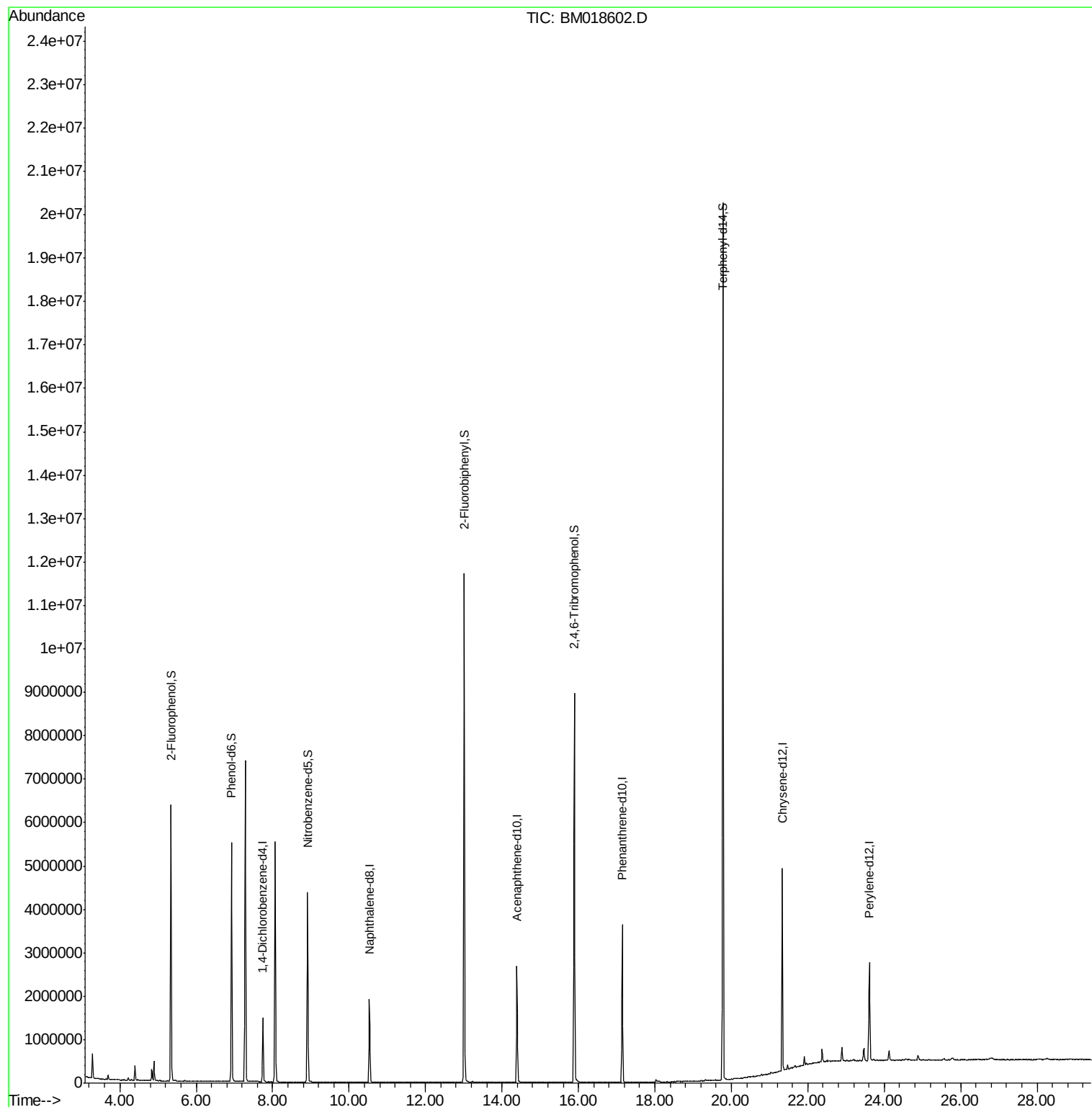
Target Compounds Qvalue

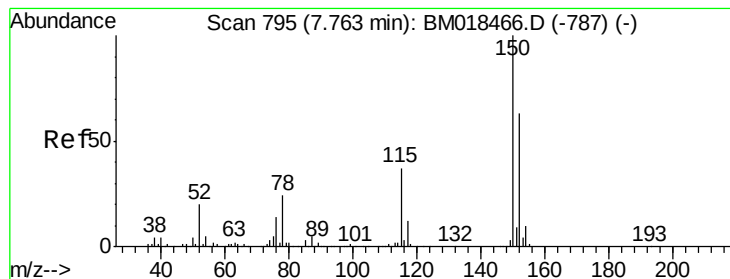
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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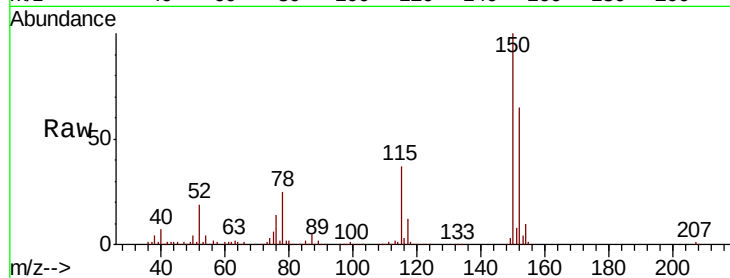


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018602.D
Acq: 17 Jan 2019 03:47

Instrument :
BNA_M
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.9	190.3
115	57.7	45.5	68.3

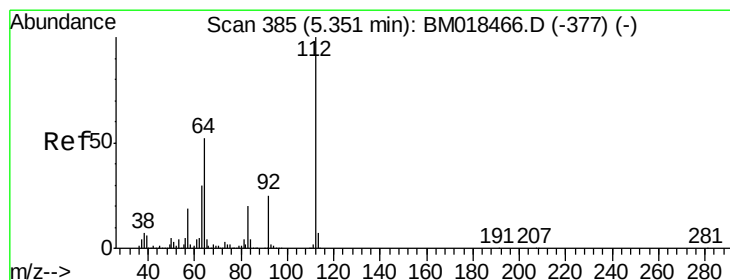
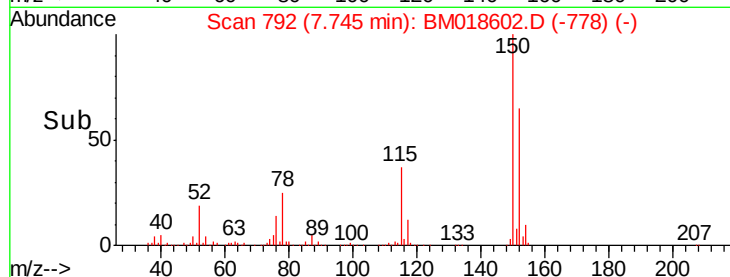
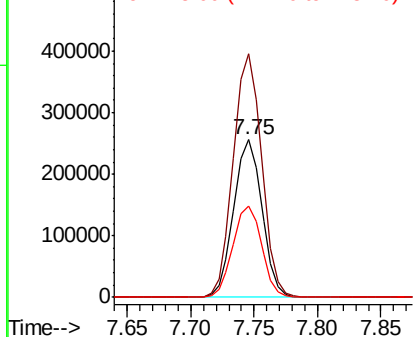


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

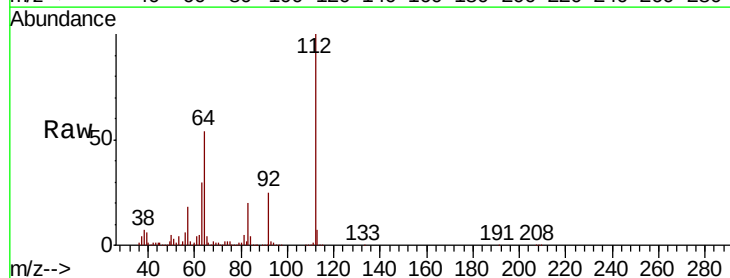
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.325 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018602.D
Acq: 17 Jan 2019 03:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.5	69.7
63	29.5	25.2	37.8

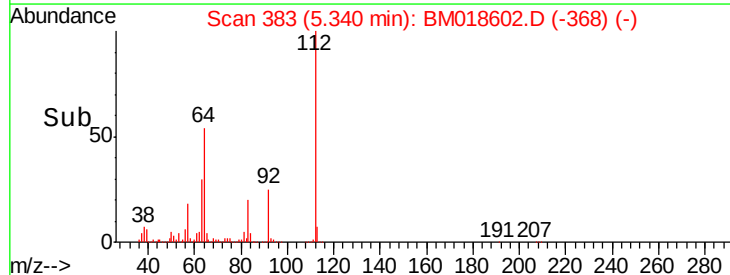
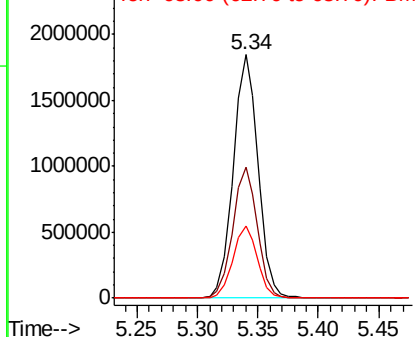


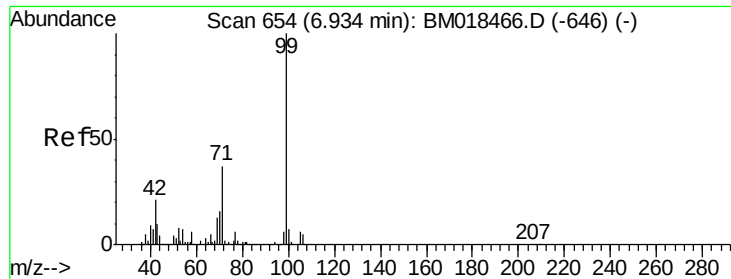
Abundance

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: 110.582 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018602.D

Acq: 17 Jan 2019 03:47

Instrument :

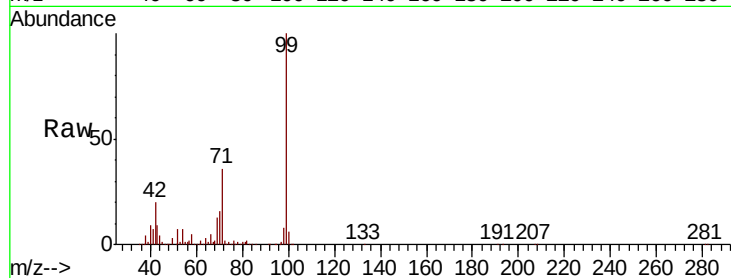
BNA_M

ClientSampled :

TP-2

Tot Ion: 99 Resp: 3005126

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.3	25.9
71	36.1	28.0	42.0

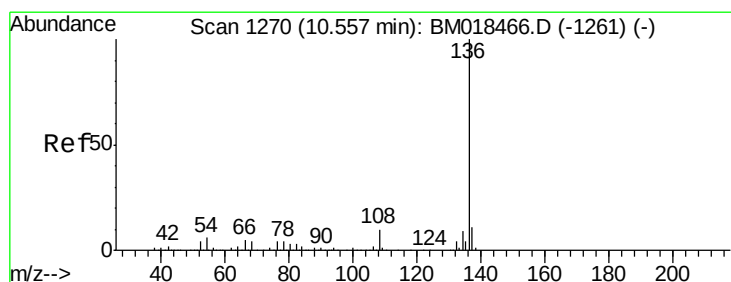
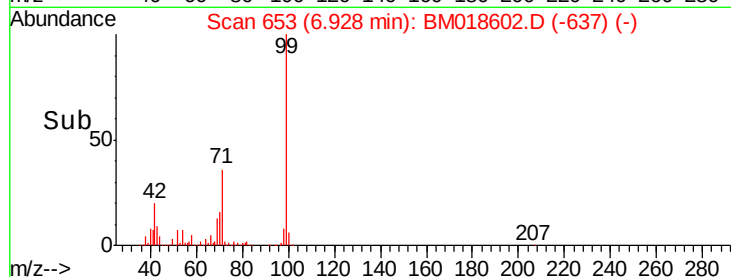
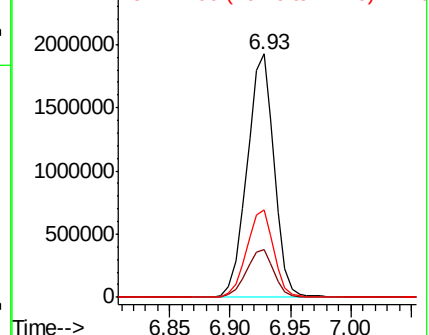


Abundance

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# 1266

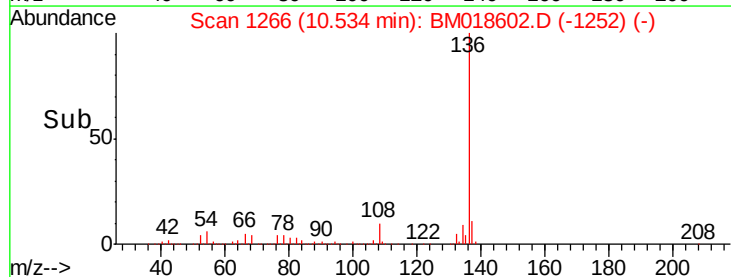
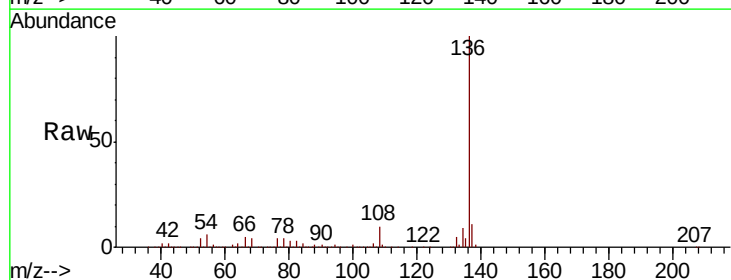
Delta R.T. -0.02 min

Lab File: BM018602.D

Acq: 17 Jan 2019 03:47

Tgt Ion: 136 Resp: 1599273

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.4	6.0	9.0
68	4.4	4.5	6.7#



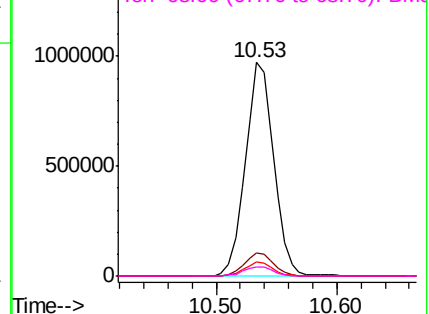
Abundance

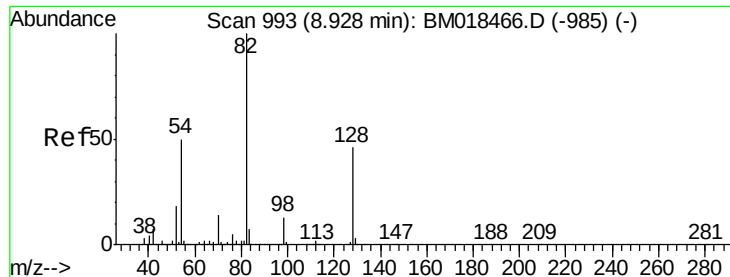
Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

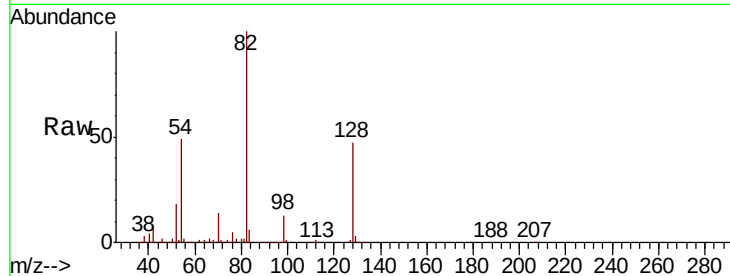




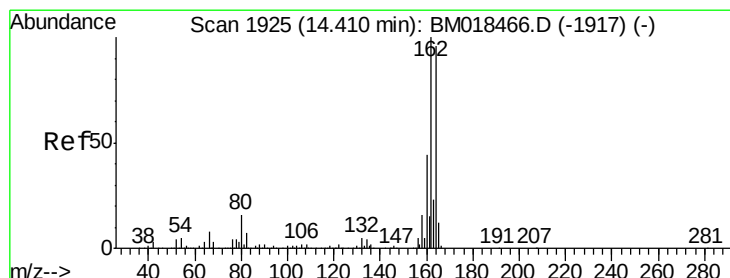
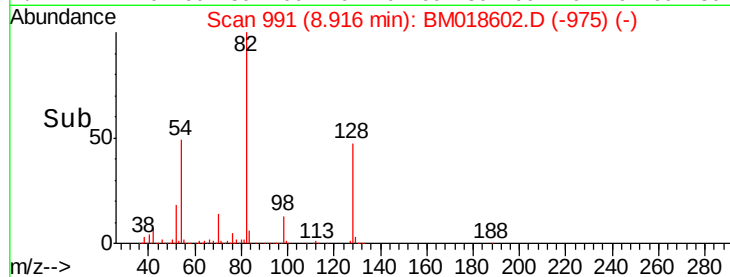
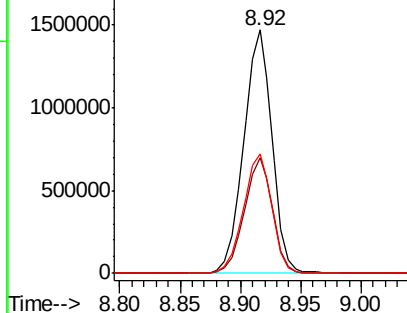
#23
Nitrobenzene-d5
Concen: 87.152 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018602.D
Acq: 17 Jan 2019 03:47

Instrument :
BNA_M
ClientSampled :
TP-2

Tot Ion: 82 Resp: 2404295
Ion Ratio Lower Upper
82 100
128 47.4 36.3 54.5
54 48.8 41.7 62.5

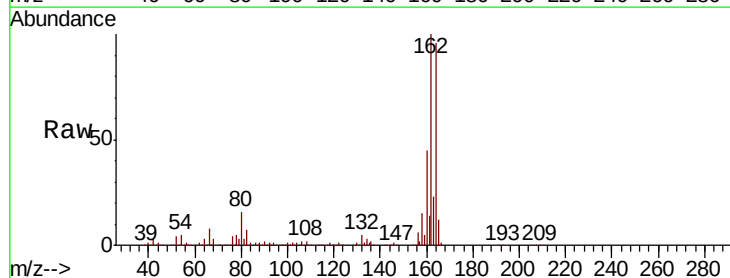


Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)
Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)
Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)

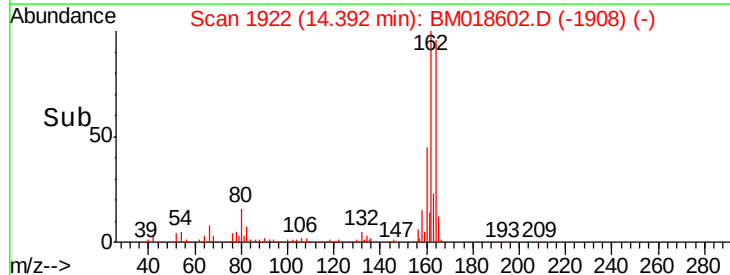
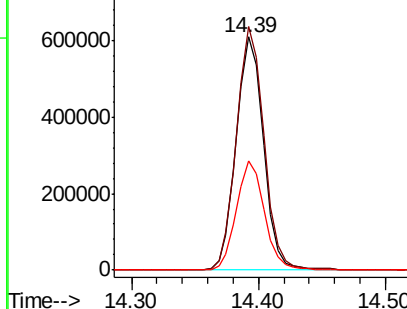


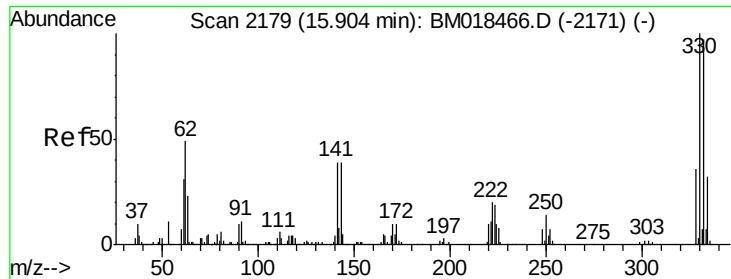
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018602.D
Acq: 17 Jan 2019 03:47

Tgt Ion:164 Resp: 910039
Ion Ratio Lower Upper
164 100
162 104.4 83.0 124.4
160 46.6 37.1 55.7



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

RT: 15.89 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM018602.D

Acq: 17 Jan 2019 03:47

Instrument :

BNA_M

ClientSampled :

TP-2

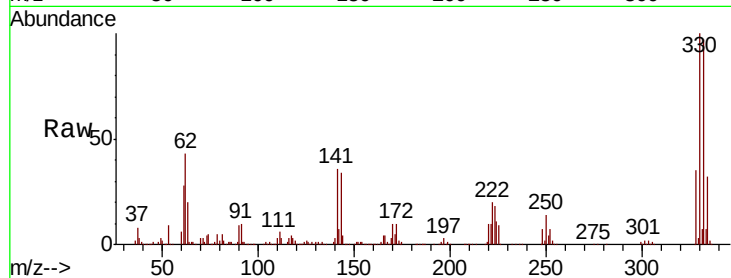
Tot Ion:330 Resp: 1659420

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

141 37.4 31.7 47.5

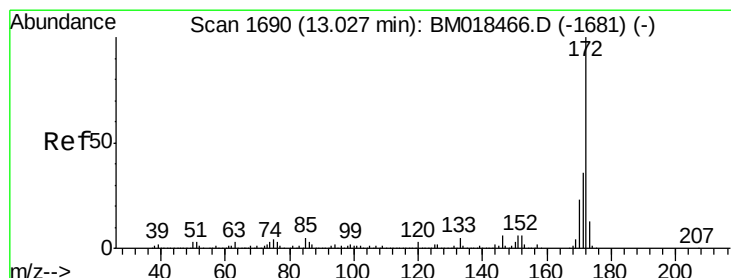
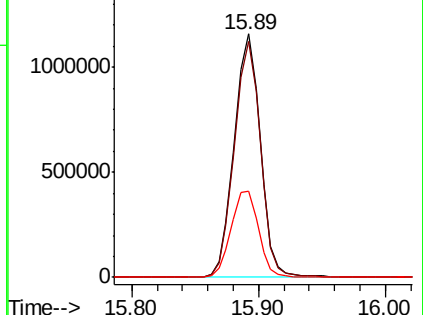
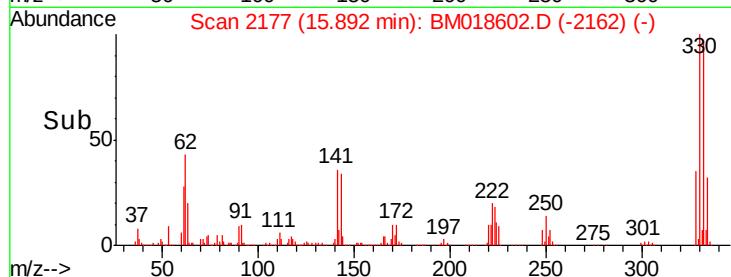


Abundance

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: 85.817 ng

RT: 13.01 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BM018602.D

Acq: 17 Jan 2019 03:47

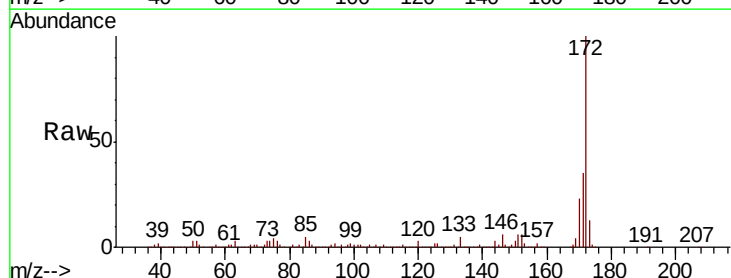
Tgt Ion:172 Resp: 5985047

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.4 18.9 28.3

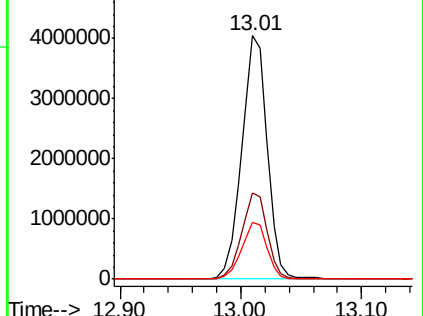
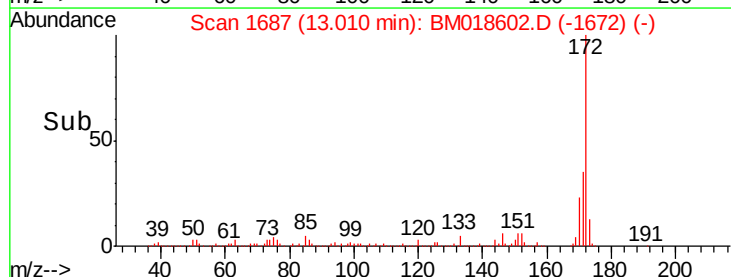


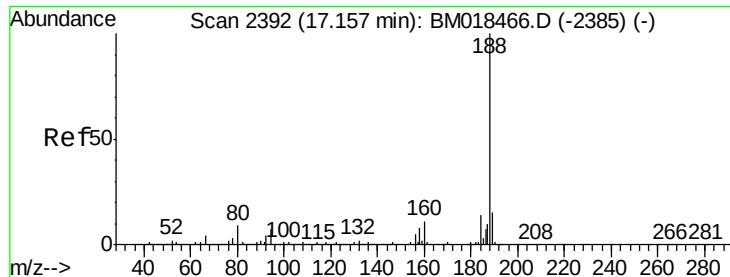
Abundance

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

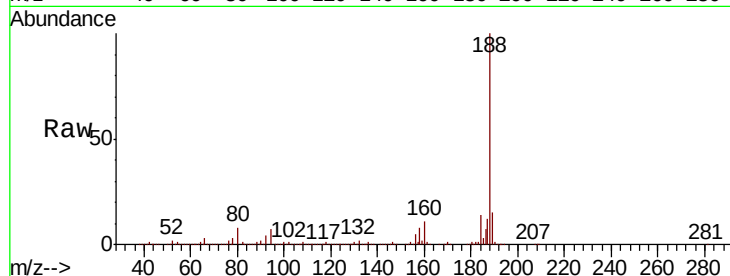




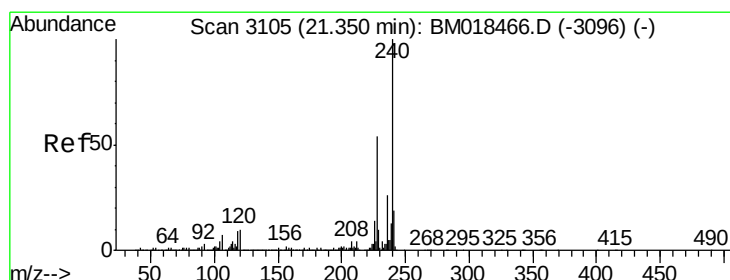
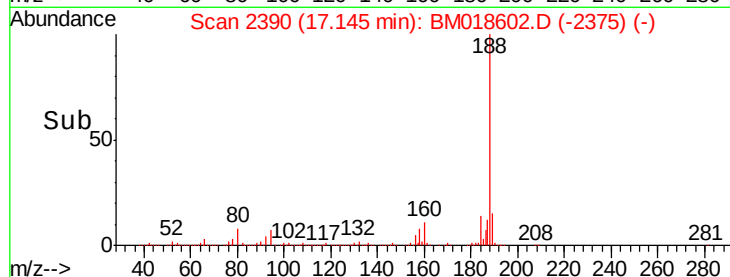
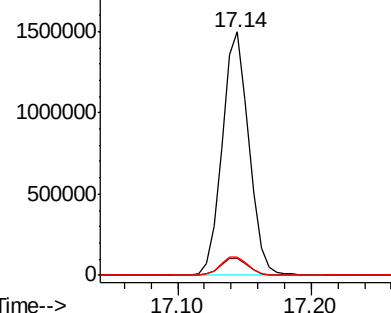
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018602.D
Acq: 17 Jan 2019 03:47

Instrument :
BNA_M
ClientSampleId :
TP-2

Tot Ion:188 Resp: 2072963
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 7.7 7.6 11.4

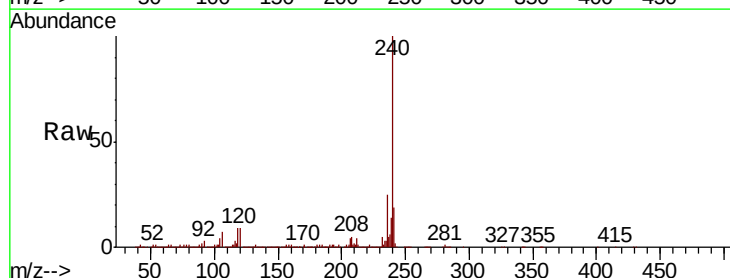


Abundance Ion 188.00 (187.70 to 188.70): E
2000000 Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

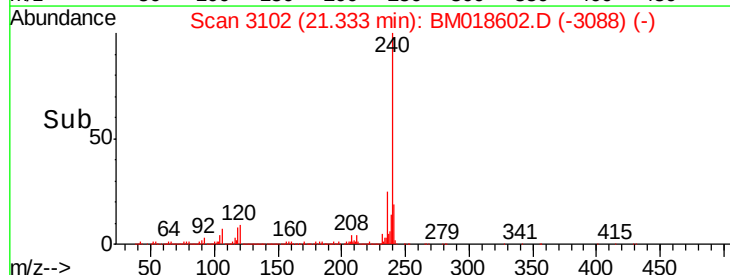
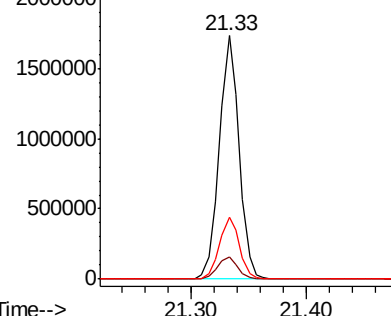


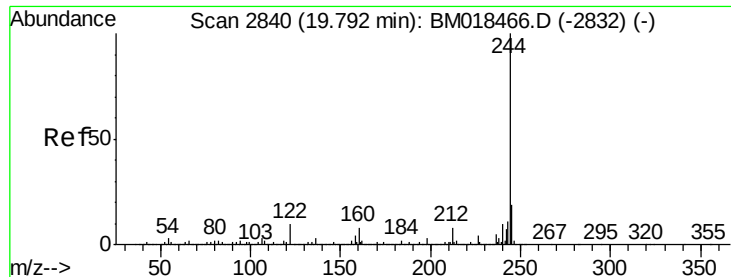
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018602.D
Acq: 17 Jan 2019 03:47

Tgt Ion:240 Resp: 2053321
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
2000000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.828 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018602.D

Acq: 17 Jan 2019 03:47

Instrument :

BNA_M

ClientSampled :

TP-2

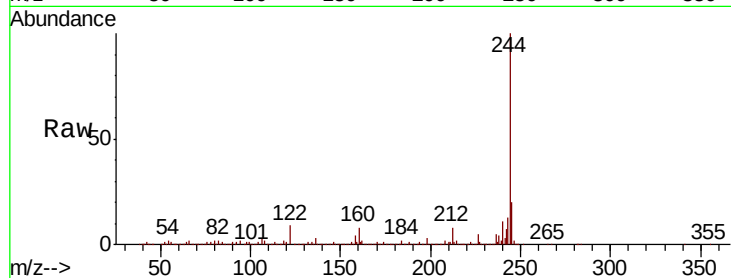
Tot Ion:244 Resp: 9626284

Ion Ratio Lower Upper

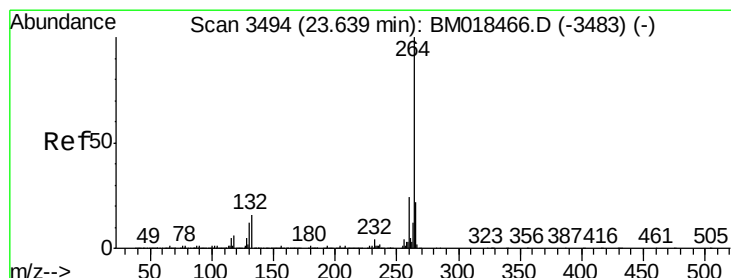
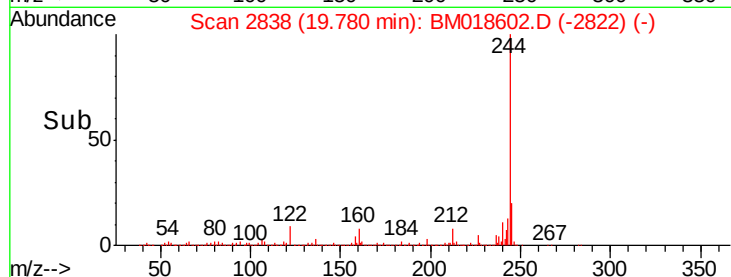
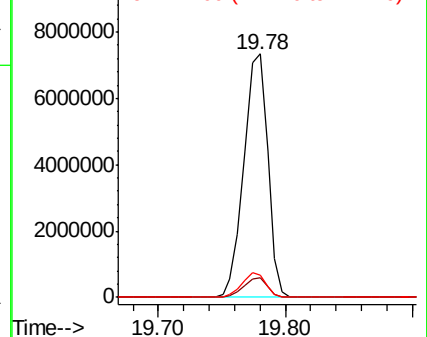
244 100

212 7.9 5.9 8.9

122 9.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E
1e+07 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: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM018602.D

Acq: 17 Jan 2019 03:47

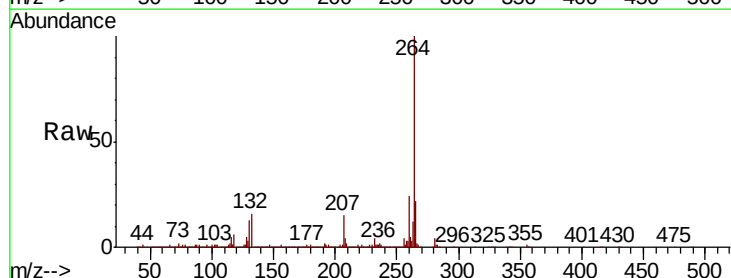
Tgt Ion:264 Resp: 1613690

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.0 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

