

Data File : BM018633.D
Acq On : 18 Jan 2019 03:49
Operator : JU/SJ
Sample : K1167-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D-9

Quant Time: Jan 18 04:48:52 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

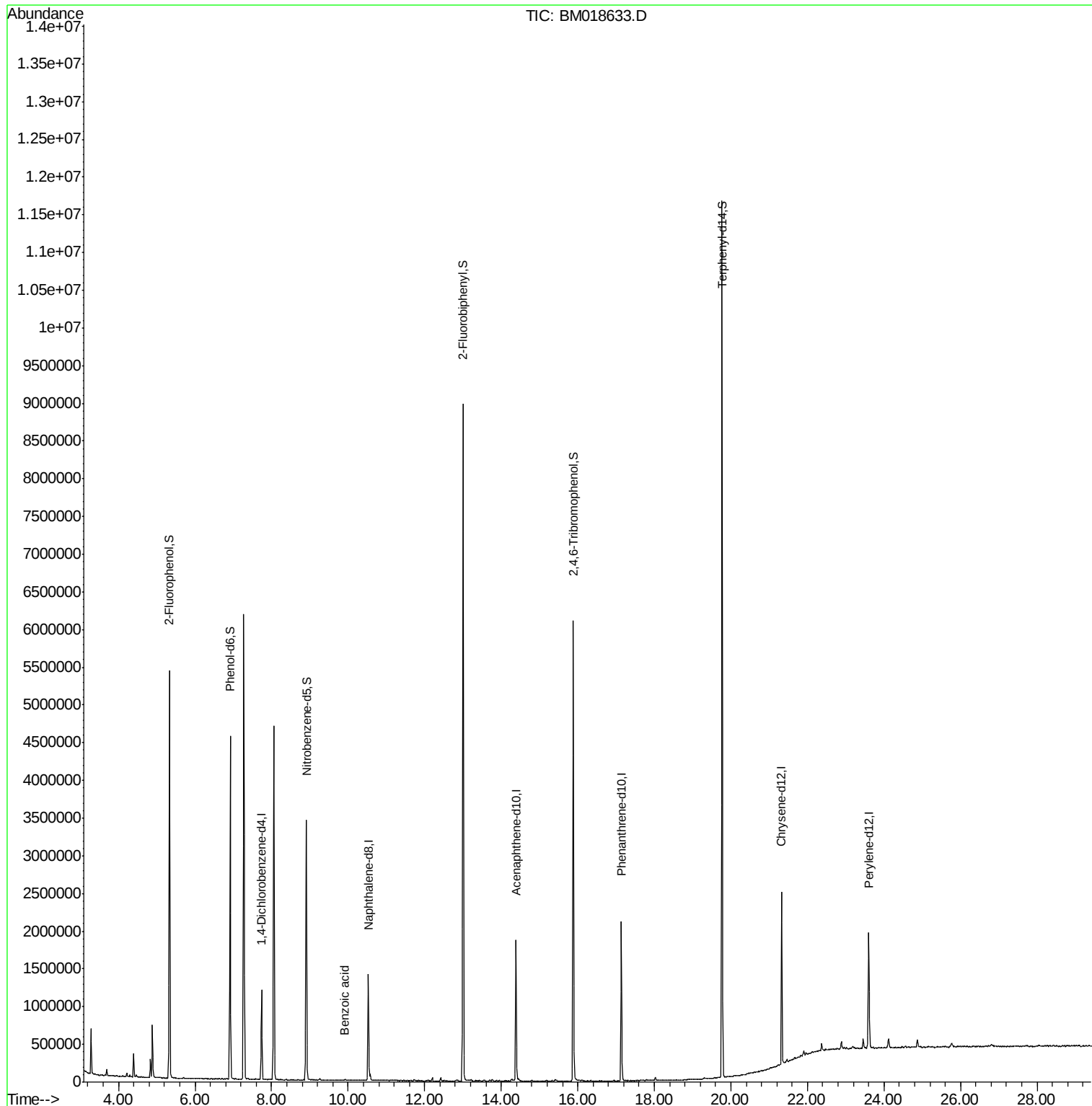
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	312334	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1180174	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	615841	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1228231	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1027843	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1078690	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2190738	129.51	ng	-0.02
7) Phenol-d6	6.92	99	2427503	112.99	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1915844	94.11	ng	-0.02
42) 2,4,6-Tribromophenol	15.89	330	1061251	135.34	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	4548541	96.38	ng	-0.02
79) Terphenyl-d14	19.77	244	5256040	107.80	ng	-0.02
Target Compounds						
32) Benzoic acid	9.90	122	113	6.512	ng	Qvalue # 20

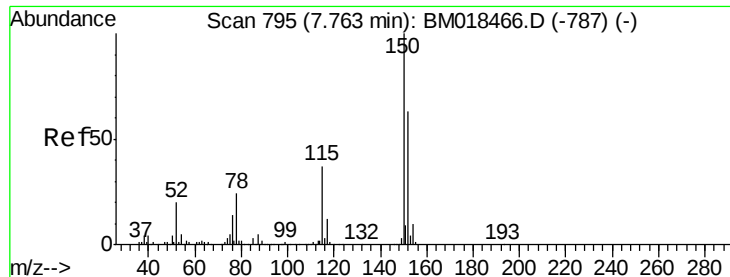
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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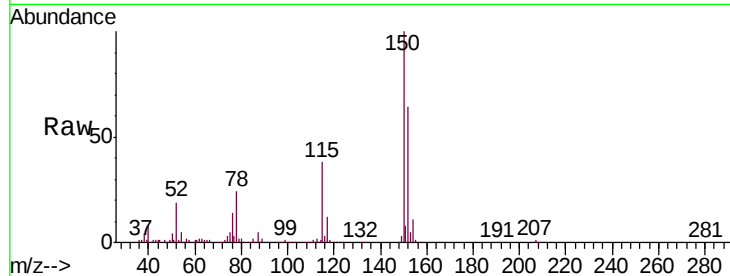


#1

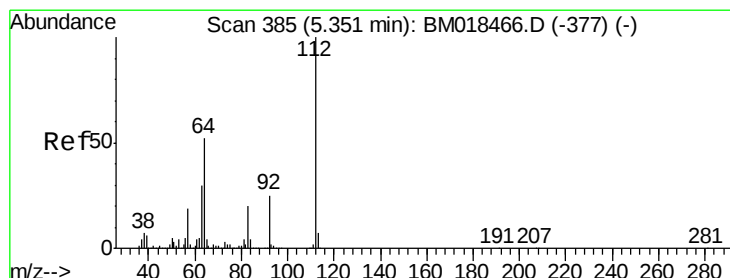
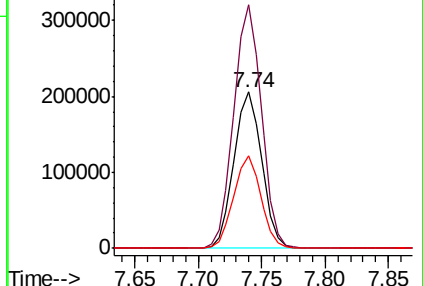
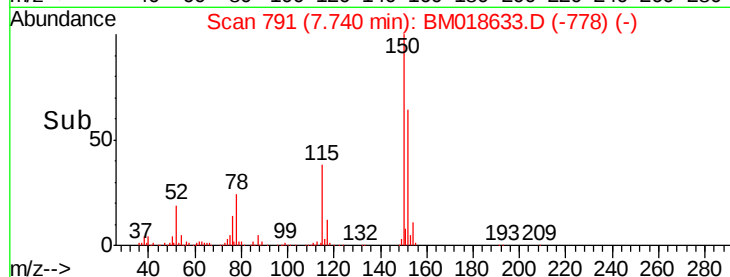
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
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Tgt Ion:152 Resp: 312334
Ion Ratio Lower Upper
152 100
150 155.5 126.9 190.3
115 59.4 45.5 68.3



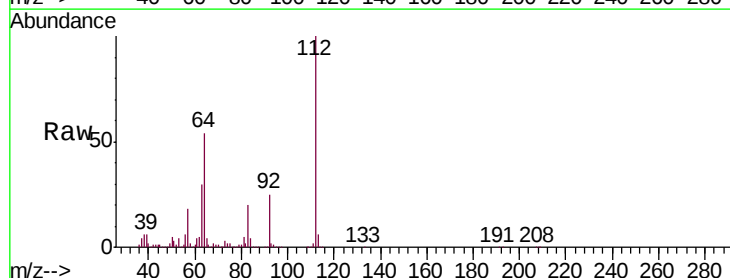
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



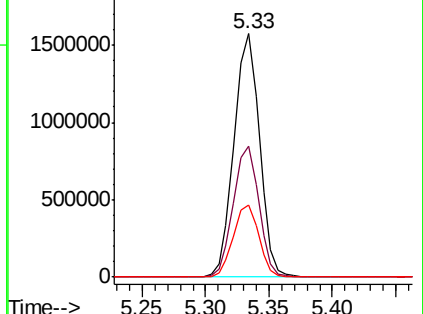
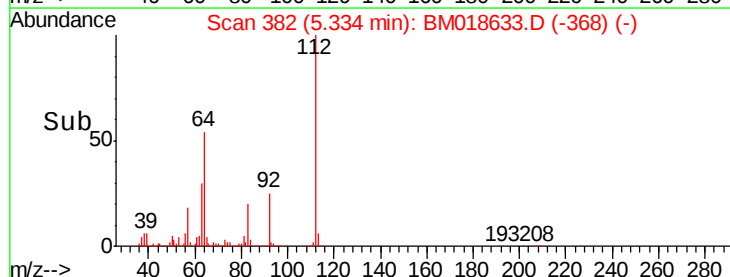
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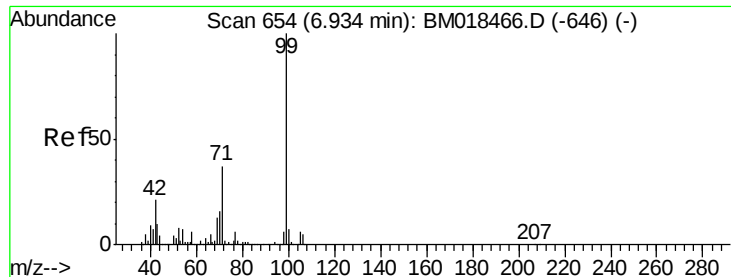
2-Fluorophenol
Concen: 129.515 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018633.D
Acq: 18 Jan 2019 03:49

Tgt Ion:112 Resp: 2190738
Ion Ratio Lower Upper
112 100
64 53.7 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: 112.991 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018633.D

Acq: 18 Jan 2019 03:49

Instrument :

BNA_M

ClientSampleId :

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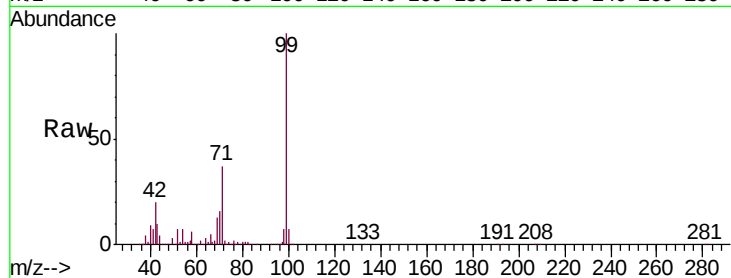
Tgt Ion: 99 Resp: 2427503

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

71 36.6 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) (-)

6.92

1500000

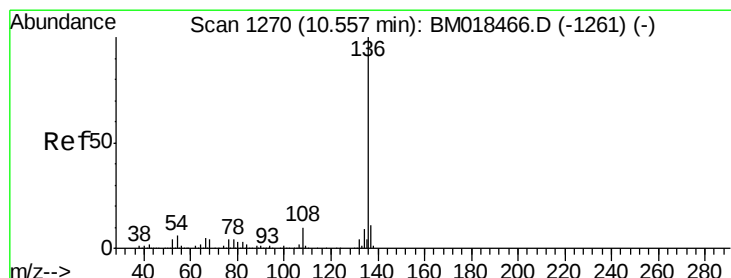
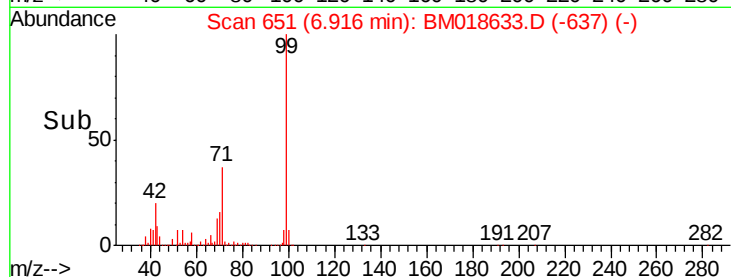
1000000

500000

0

6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018633.D

Acq: 18 Jan 2019 03:49

Tgt Ion: 136 Resp: 1180174

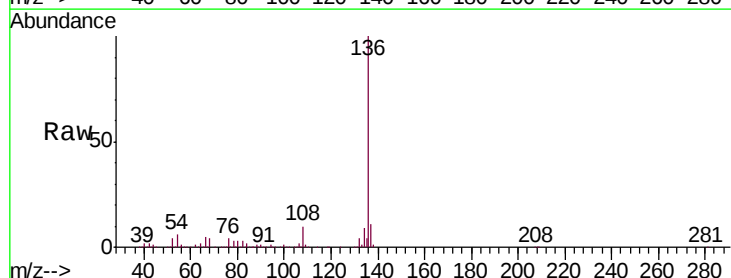
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.2 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) (-)

10.53

1000000

800000

600000

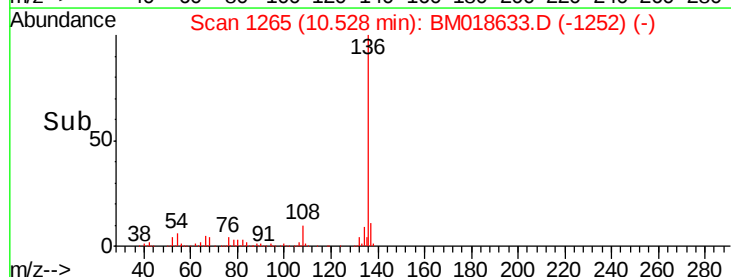
400000

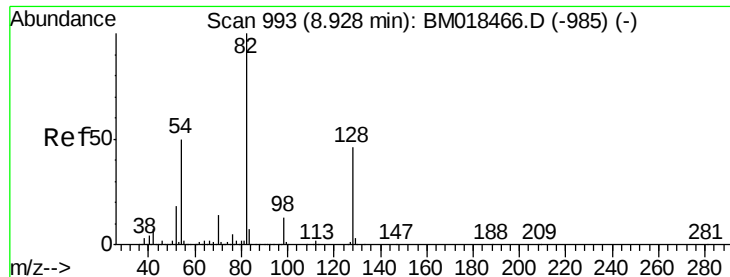
200000

0

10.50 10.55 10.60

Time-->

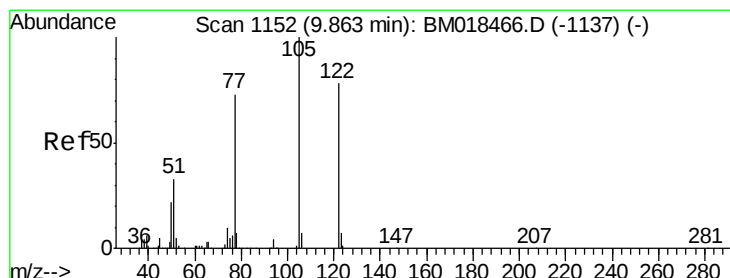
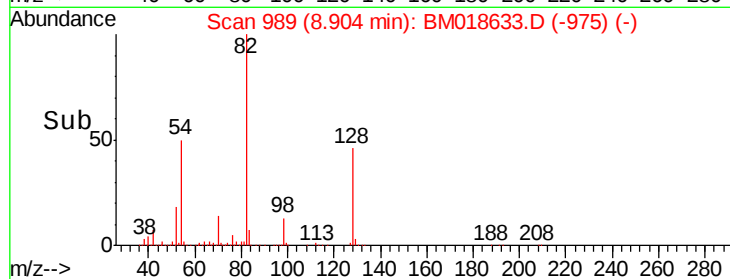
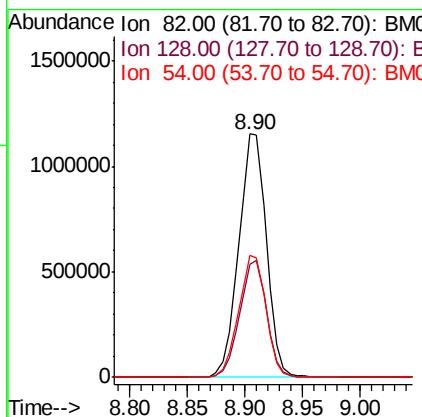
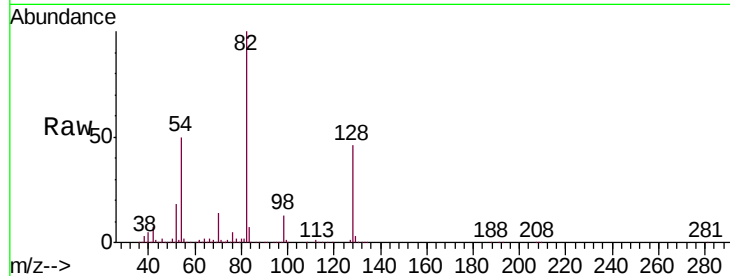




#23
 Nitrobenzene-d5
 Concen: 94.108 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BM018633.D
 Acq: 18 Jan 2019 03:49

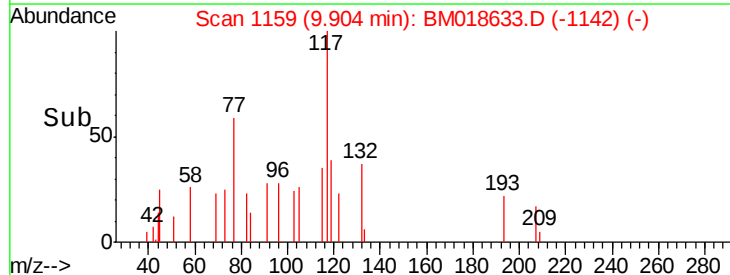
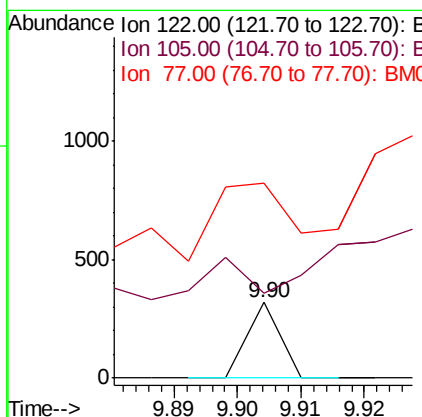
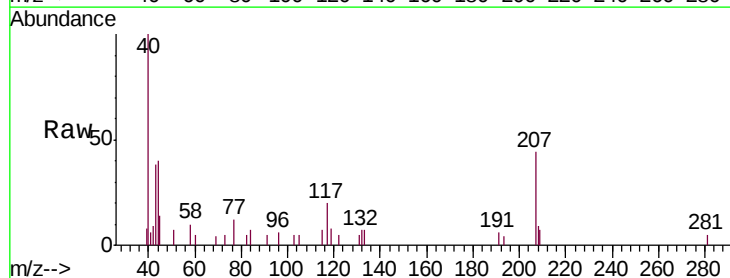
Instrument :
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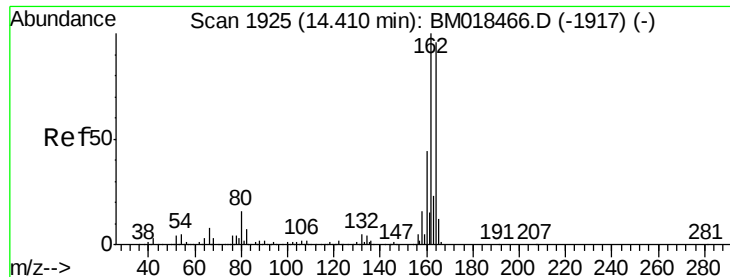
Tgt Ion: 82 Resp: 1915844
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.3 54.5
 54 50.0 41.7 62.5



#32
 Benzoic acid
 Concen: 6.512 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BM018633.D
 Acq: 18 Jan 2019 03:49

Tgt Ion: 122 Resp: 113
 Ion Ratio Lower Upper
 122 100
 105 112.5 100.4 140.4
 77 258.6 71.7 111.7#

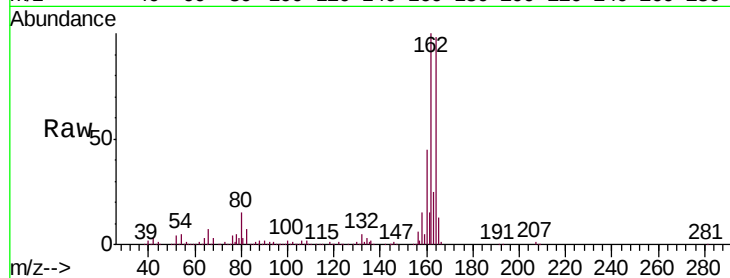




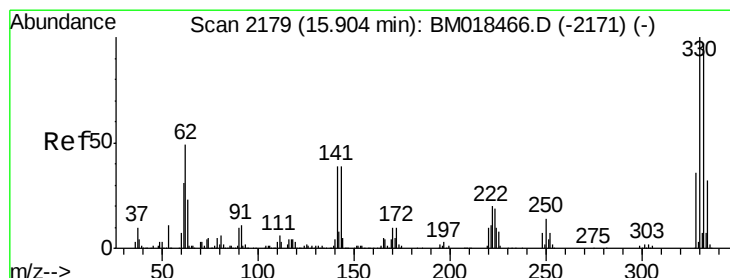
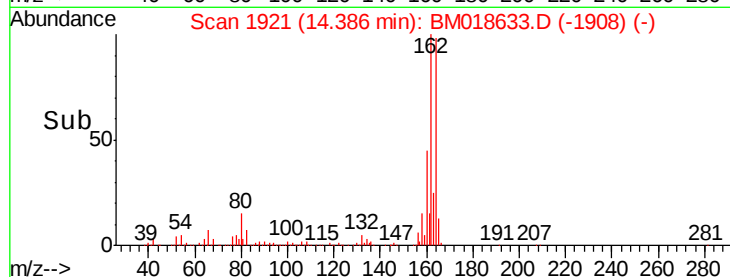
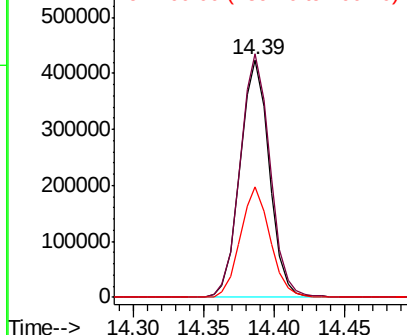
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018633.D
Acq: 18 Jan 2019 03:49

Instrument :
BNA_M
ClientSampleID :
D-9

Tgt Ion:164 Resp: 615841
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.4
160 46.5 37.1 55.7

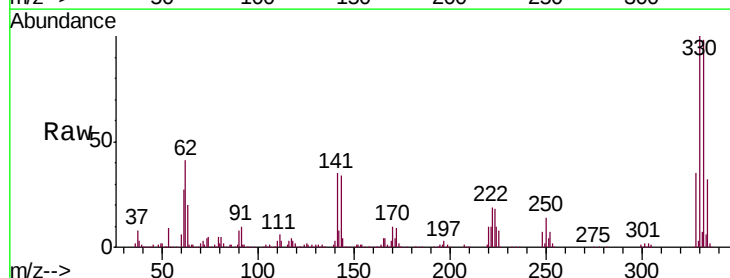


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

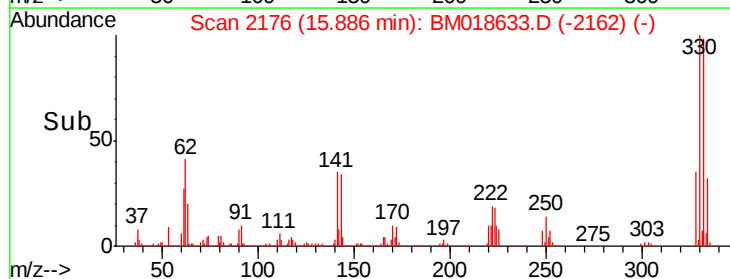
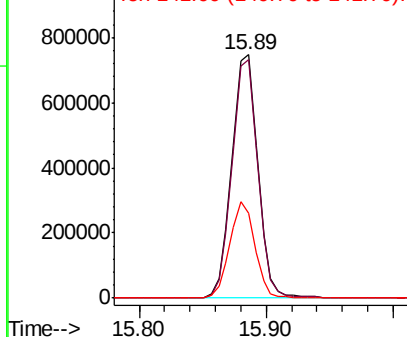


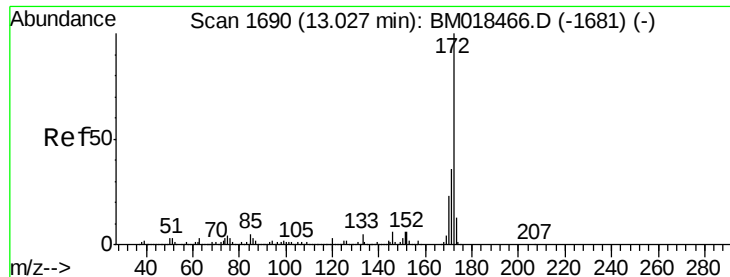
#42
2,4,6-Tribromophenol
Concen: 135.340 ng
RT: 15.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BM018633.D
Acq: 18 Jan 2019 03:49

Tgt Ion:330 Resp: 1061251
Ion Ratio Lower Upper
330 100
332 97.3 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

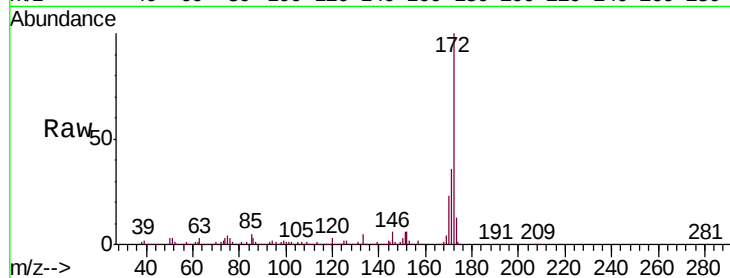




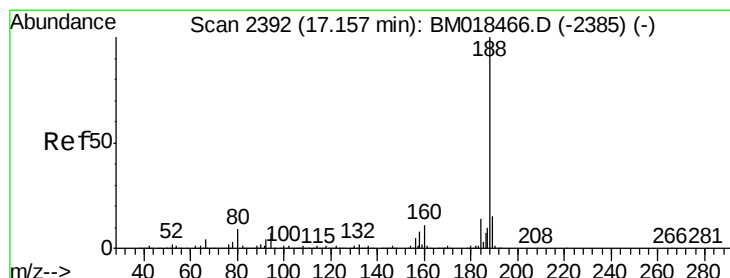
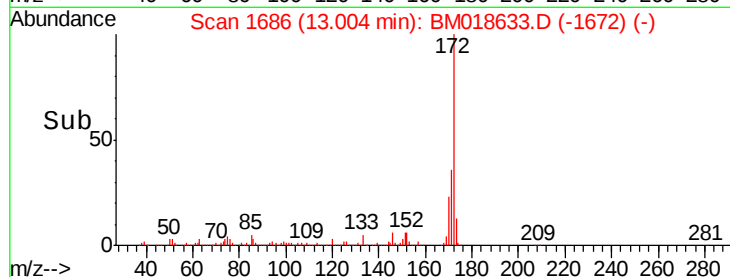
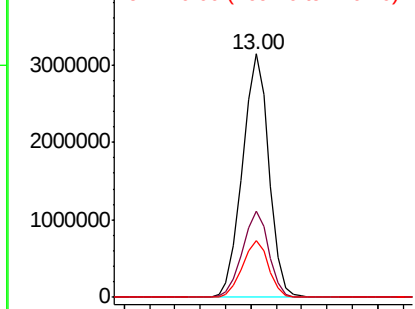
#45
2-Fluorobiphenyl
Concen: 96.376 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
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Tgt Ion:172 Resp: 4548541
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.2 18.9 28.3

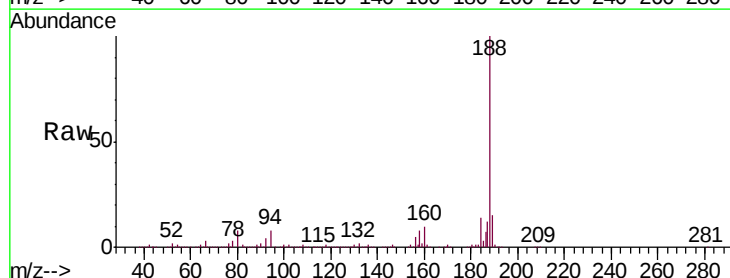


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

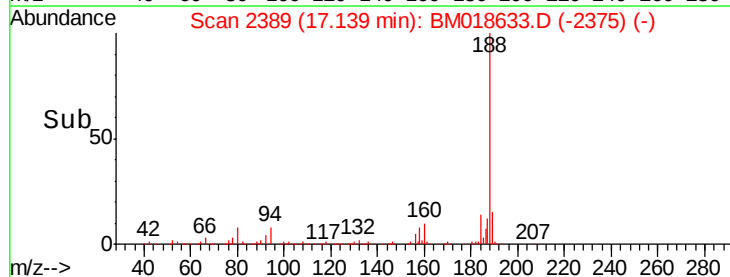
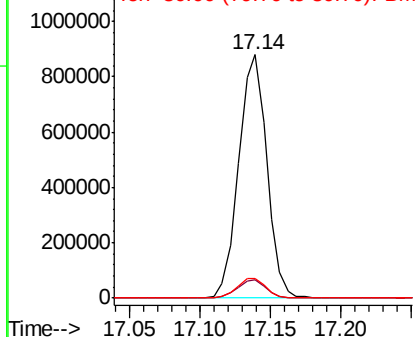


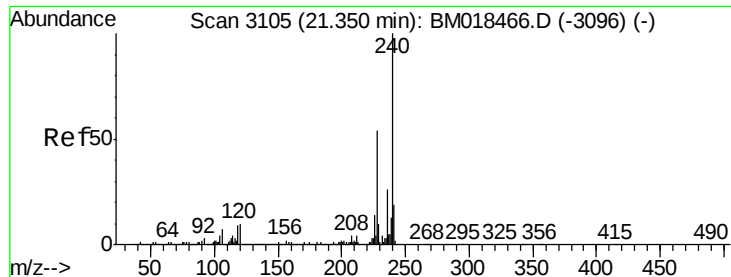
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018633.D
Acq: 18 Jan 2019 03:49

Tgt Ion:188 Resp: 1228231
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 7.9 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

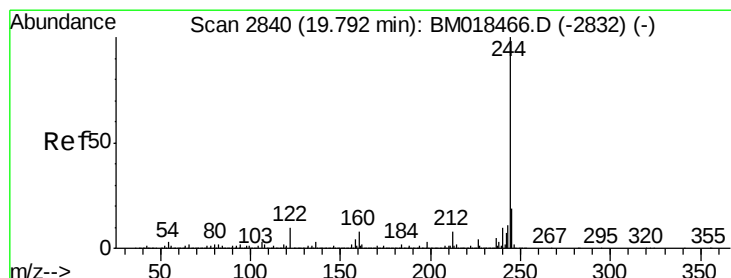
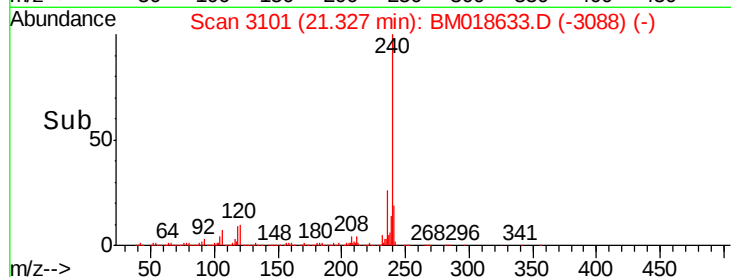
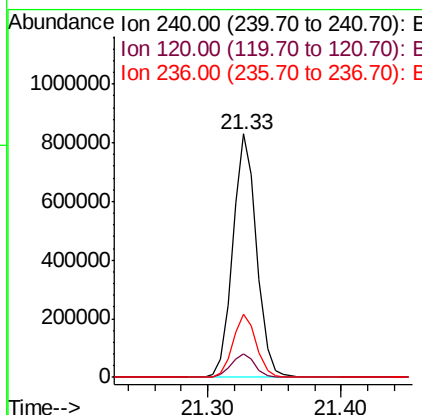
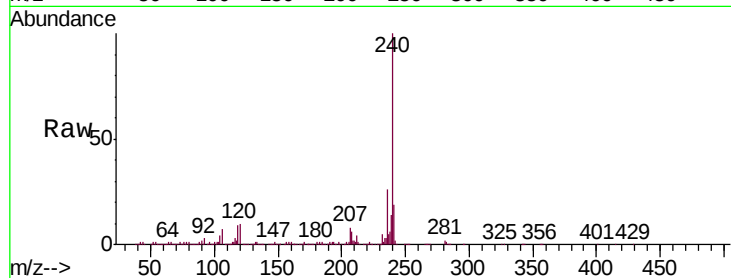




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018633.D
Acq: 18 Jan 2019 03:49

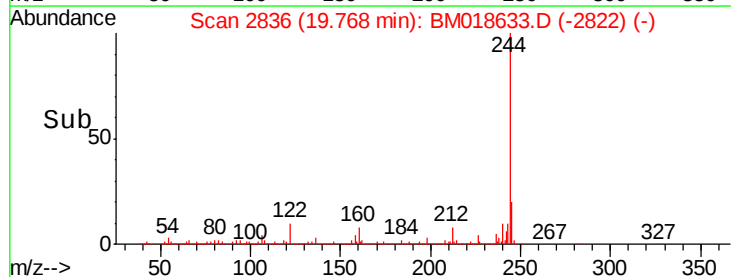
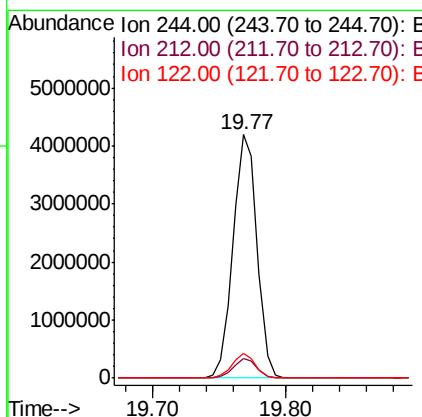
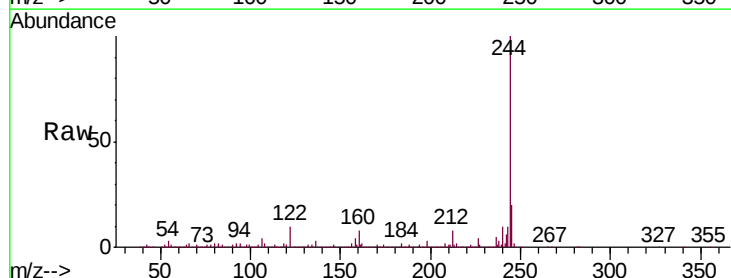
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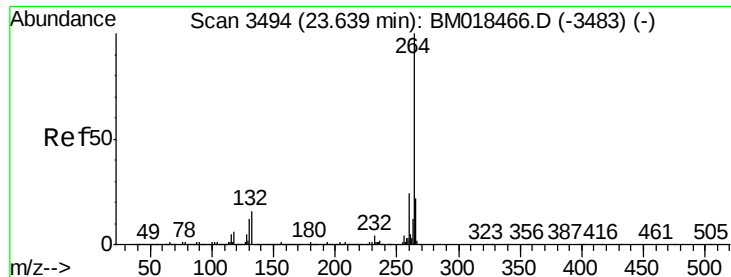
Tgt Ion:240 Resp: 1027843
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 107.798 ng
RT: 19.77 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BM018633.D
Acq: 18 Jan 2019 03:49

Tgt Ion:244 Resp: 5256040
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 10.1 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3488
Delta R.T. -0.03 min
Lab File: BM018633.D
Acq: 18 Jan 2019 03:49

Instrument :
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Tgt Ion: 264 Resp: 1078690

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.3	16.8	25.2

