

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 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 06:23:07 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

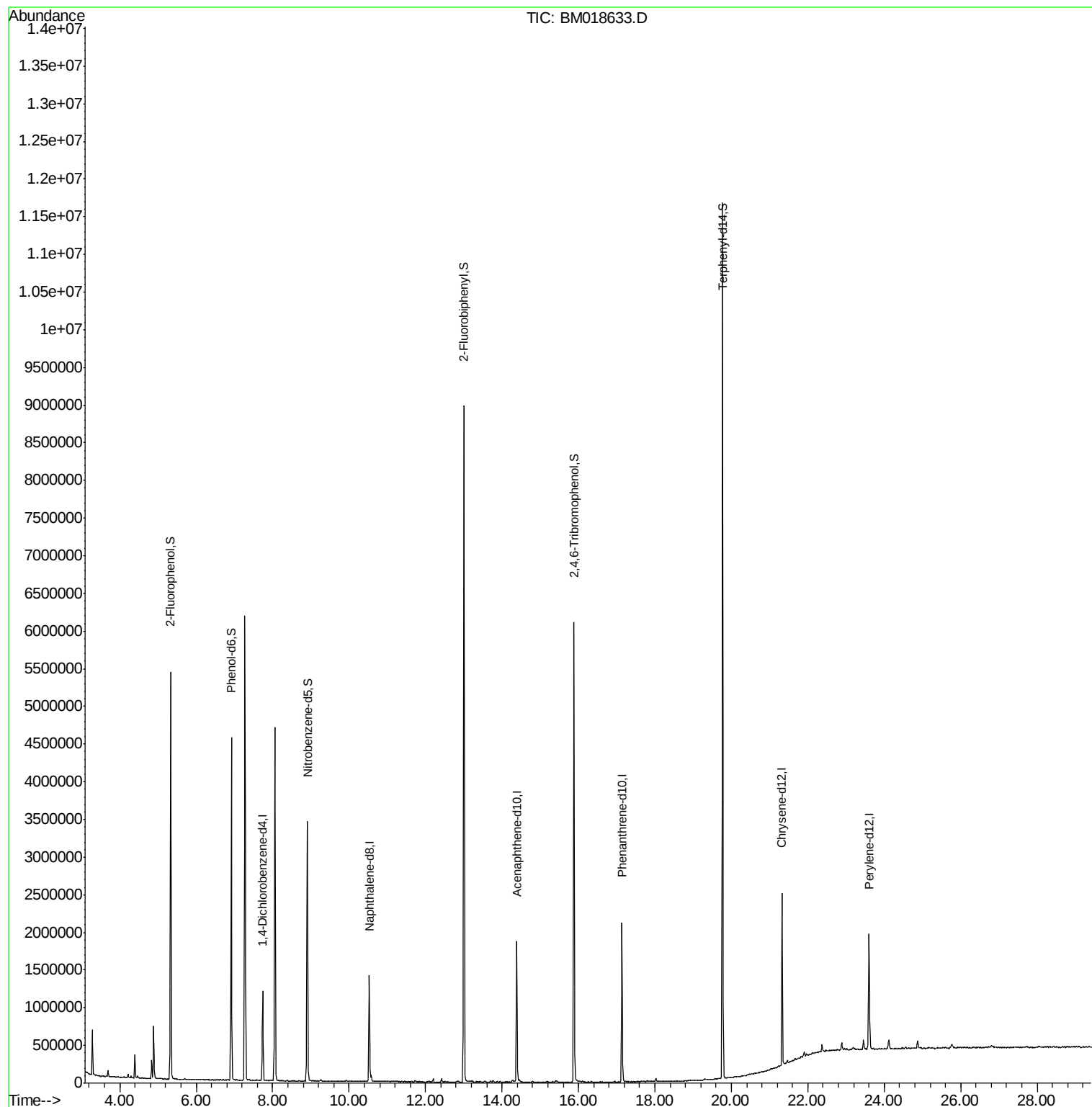
Target Compounds Qvalue

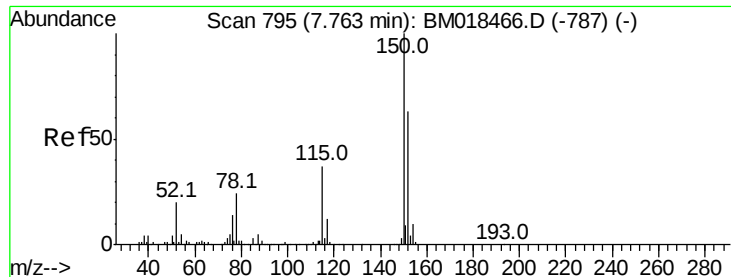
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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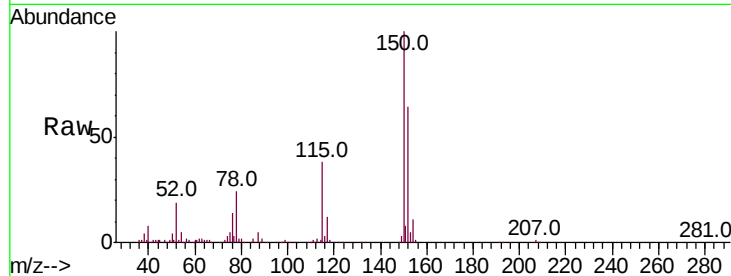


#1

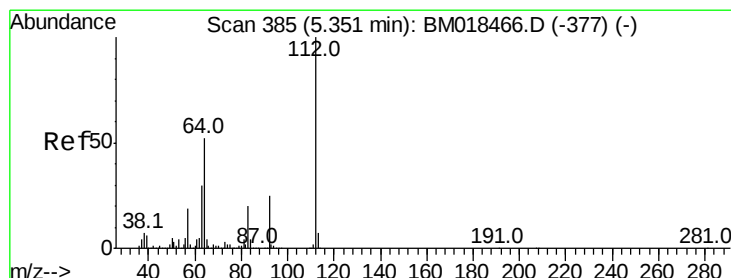
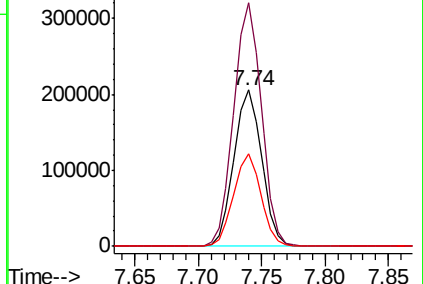
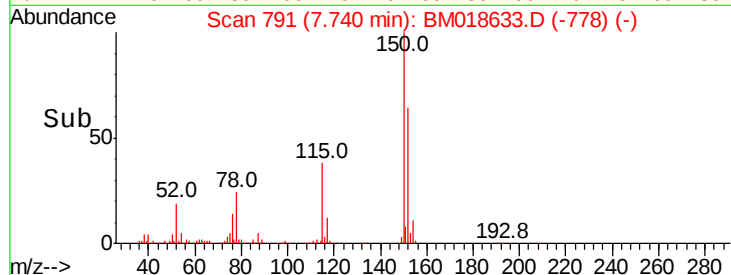
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018633.D
Acq: 18 Jan 2019 03:49

Instrument :
BNA_M
ClientSampleId :
D-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.9	190.3
115	59.4	45.5	68.3



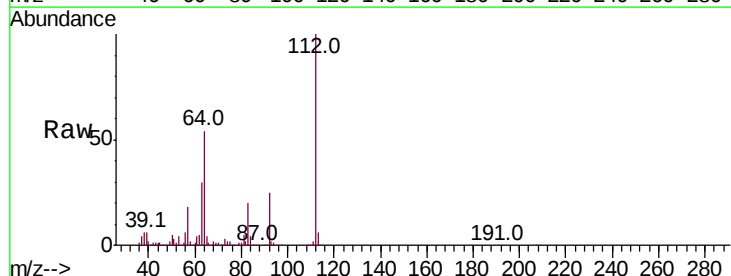
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



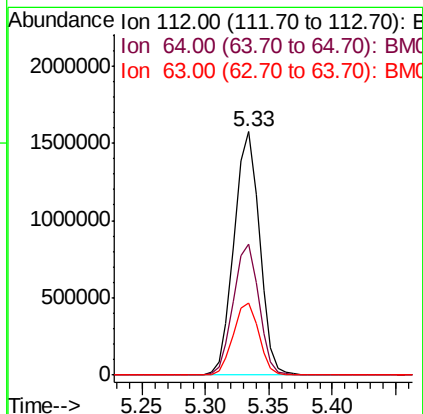
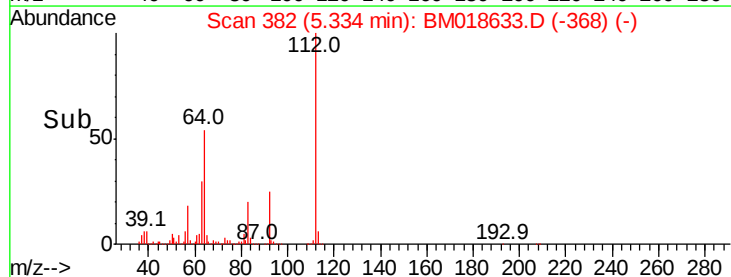
#5

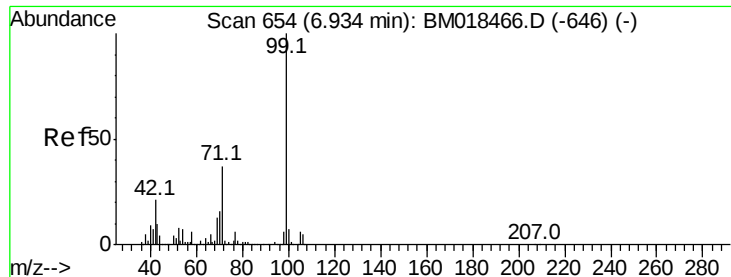
2-Fluorophenol
Concen: 129.515 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018633.D
Acq: 18 Jan 2019 03:49

Tgt Ion	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 :

D-9

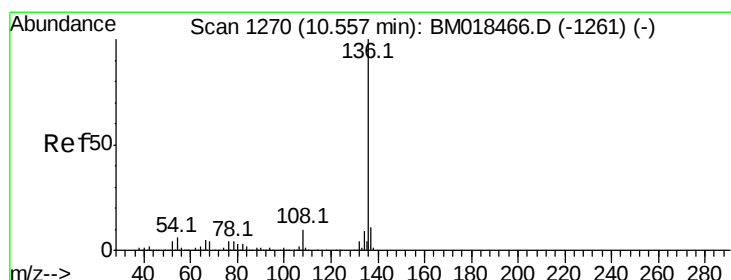
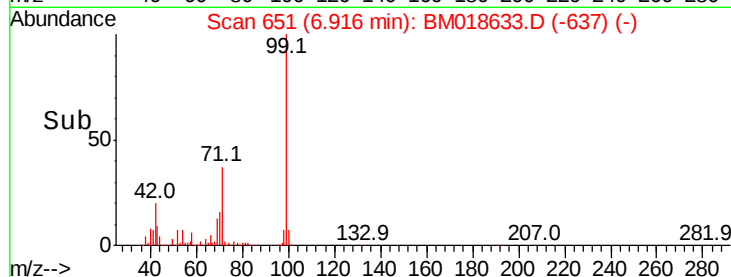
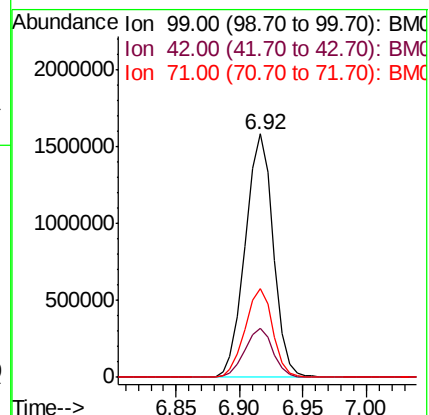
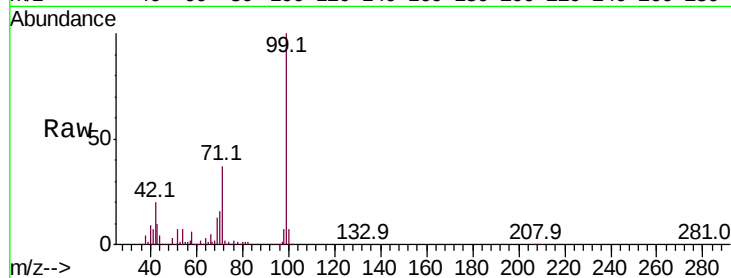
Tot Ion: 99 Resp: 2427503

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

71 36.6 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: BM018633.D

Acq: 18 Jan 2019 03:49

Tgt Ion: 136 Resp: 1180174

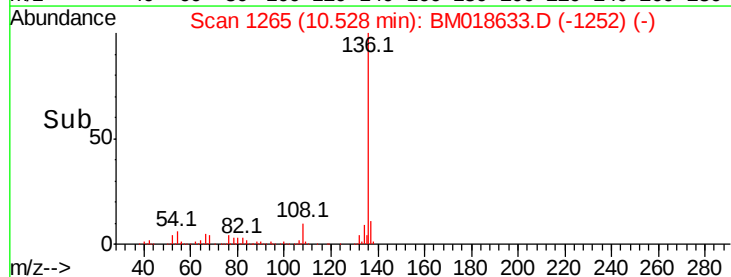
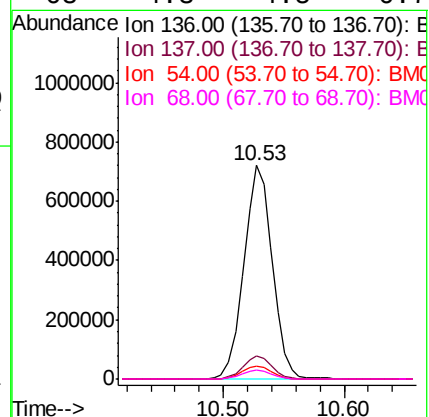
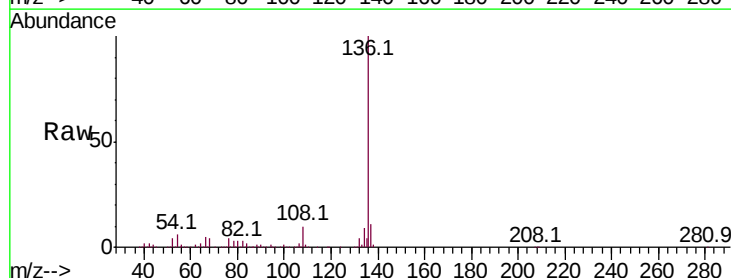
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.2 6.0 9.0

68 4.3 4.5 6.7#

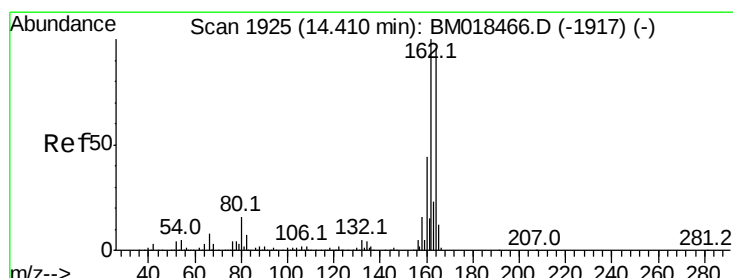
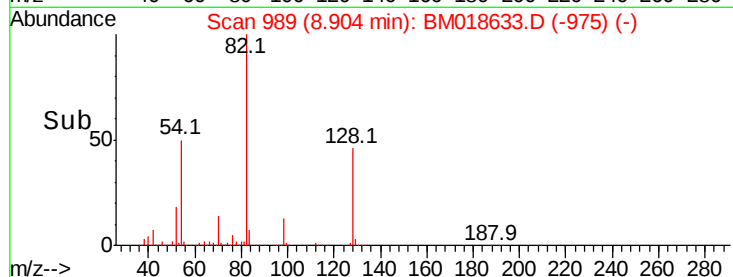
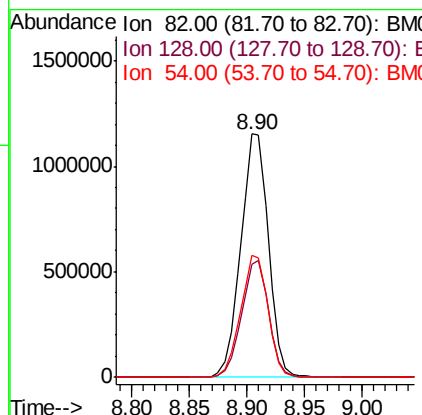
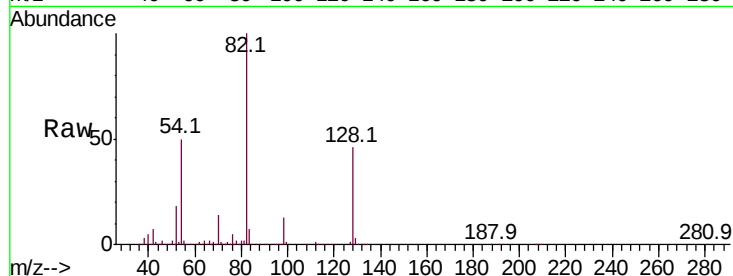




#23
Nitrobenzene-d5
Concen: 94.108 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018633.D
Acq: 18 Jan 2019 03:49

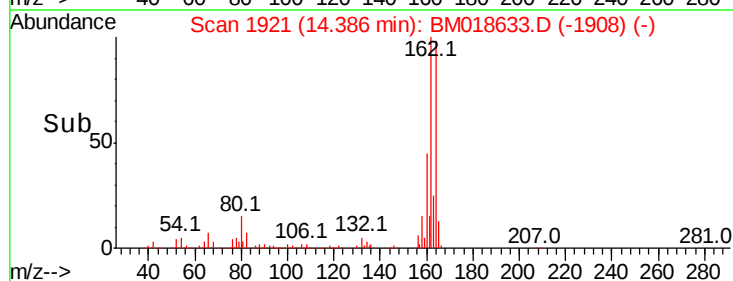
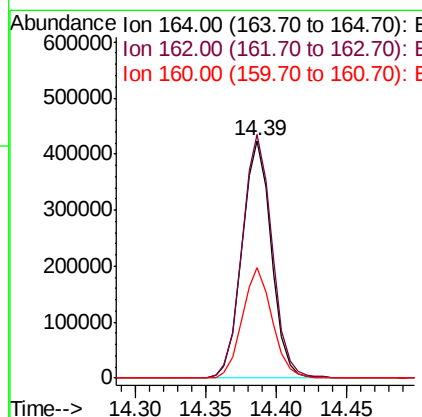
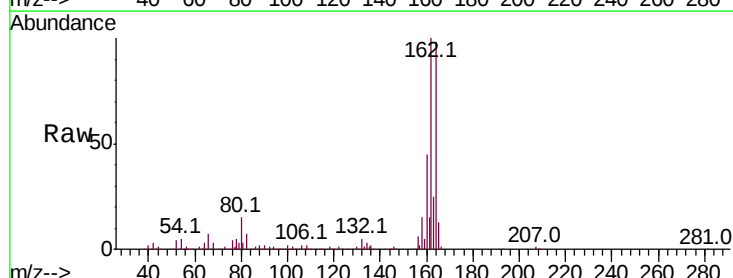
Instrument :
BNA_M
ClientSampleId :
D-9

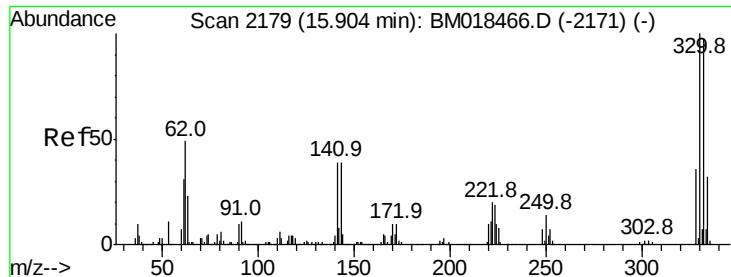
Tot Ion: 82 Resp: 1915844
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 50.0 41.7 62.5



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

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

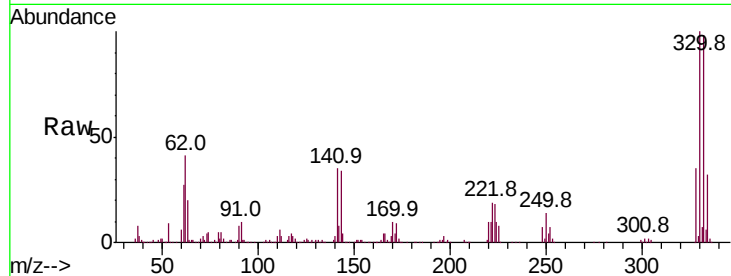




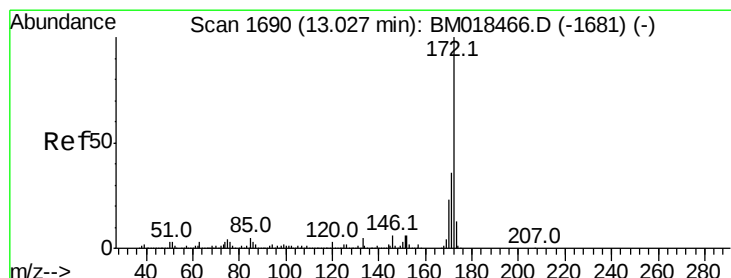
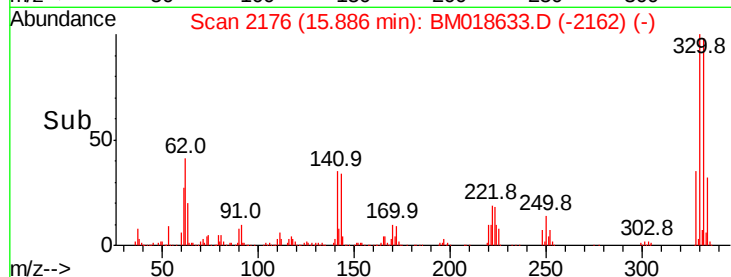
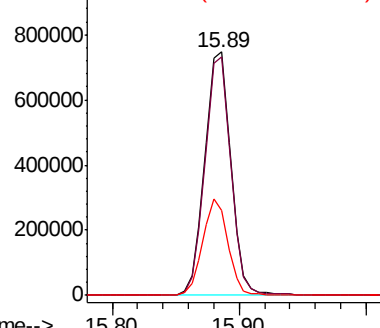
#42
 2,4,6-Tribromophenol
 Concen: 135.340 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018633.D
 Acq: 18 Jan 2019 03:49

Instrument :
 BNA_M
 ClientSampled :
 D-9

Tot Ion:330 Resp: 1061251
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.6 116.4
 141 38.4 31.7 47.5

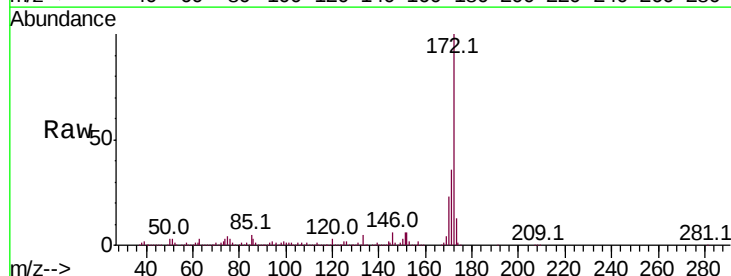


Abundance Ion 329.80 (329.50 to 330.50): E
 1000000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

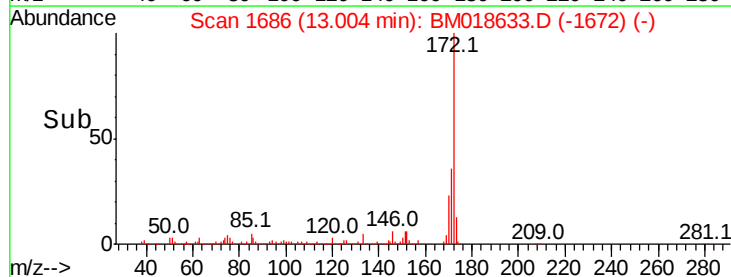
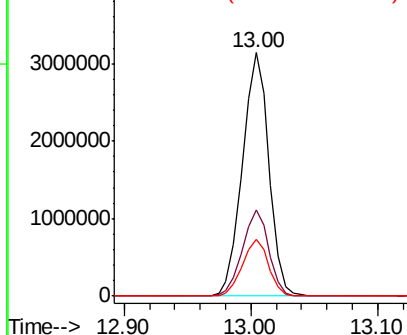


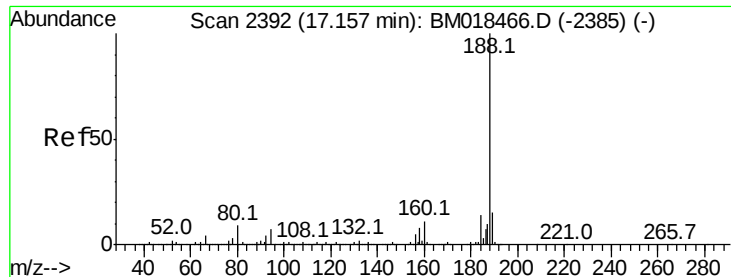
#45
 2-Fluorobiphenyl
 Concen: 96.376 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018633.D
 Acq: 18 Jan 2019 03:49

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
 4000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

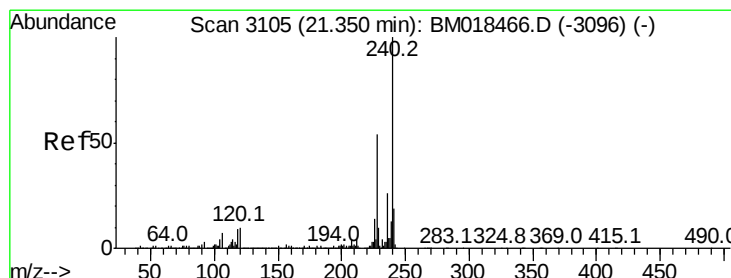
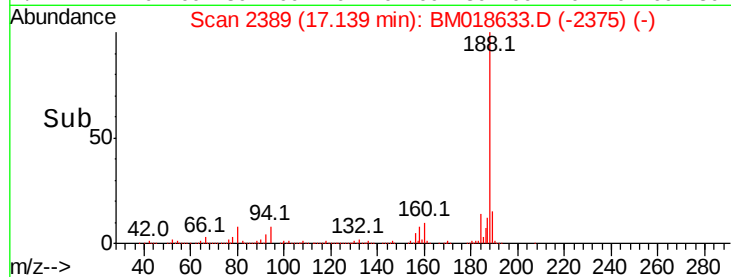
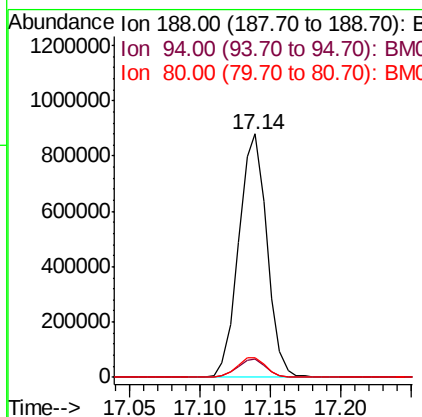
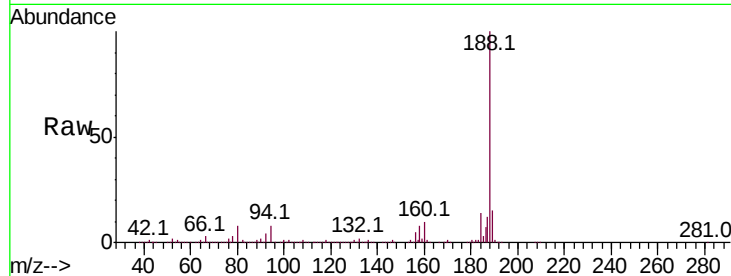




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BM018633.D
 Acq: 18 Jan 2019 03:49

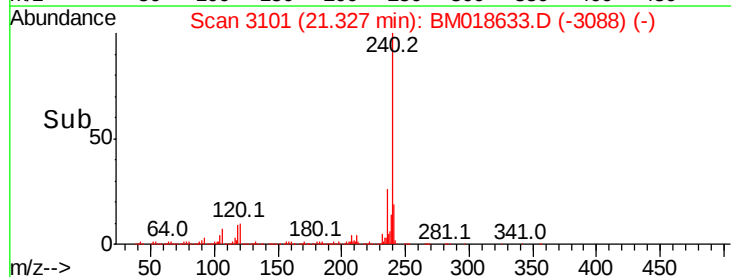
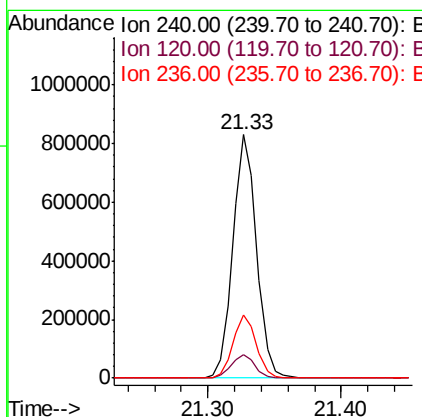
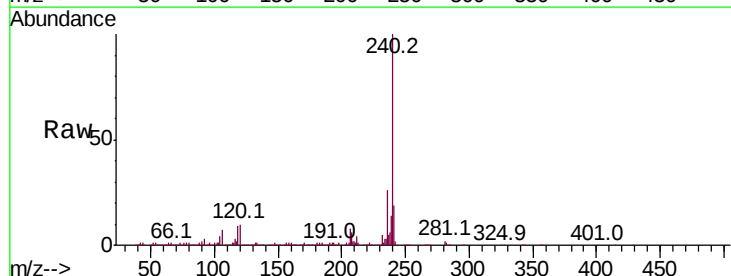
Instrument :
 BNA_M
 ClientSampleId :
 D-9

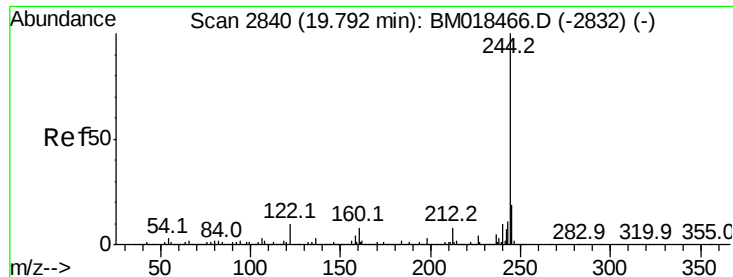
Tot Ion:188 Resp: 1228231
 Ion Ratio Lower Upper
 188 100
 94 7.6 7.1 10.7
 80 7.9 7.6 11.4



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

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

Instrument :

BNA_M

ClientSampleId :

D-9

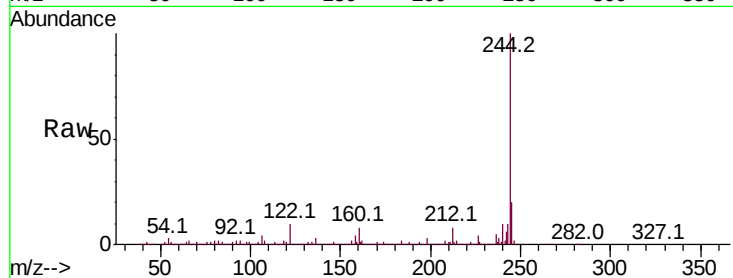
Tot Ion:244 Resp: 5256040

Ion Ratio Lower Upper

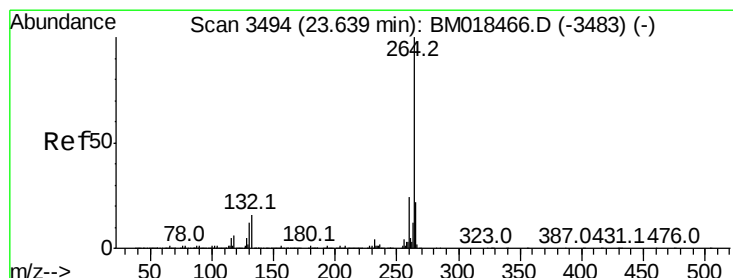
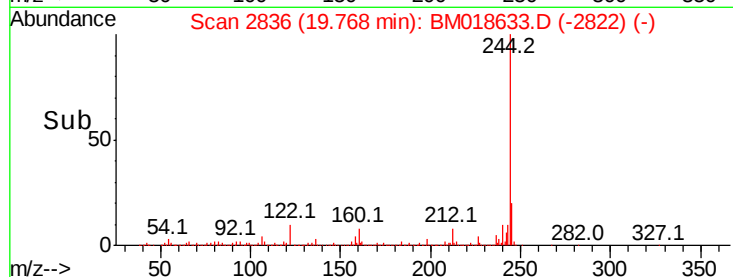
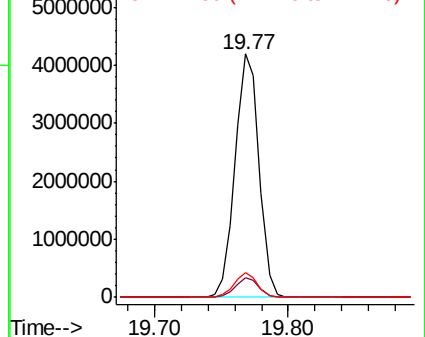
244 100

212 7.9 5.9 8.9

122 10.1 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: BM018633.D

Acq: 18 Jan 2019 03:49

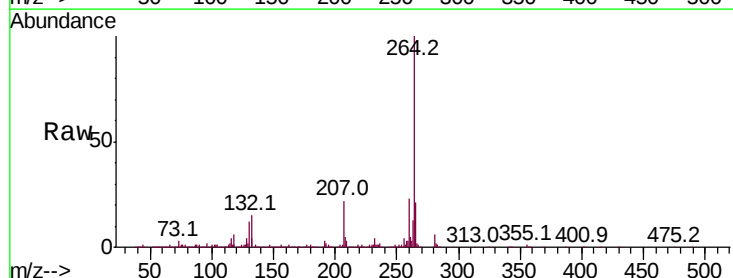
Tgt Ion:264 Resp: 1078690

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 21.3 16.8 25.2



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

