

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018623.D
 Acq On : 17 Jan 2019 20:34
 Operator : JU/SJ
 Sample : K1156-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5

Quant Time: Jan 18 06:05:31 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	392650	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1523304	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	800096	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1556358	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1216354	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1256868	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2752931	129.46	ng	-0.02
7) Phenol-d6	6.92	99	3027092	112.08	ng	-0.01
23) Nitrobenzene-d5	8.91	82	2515723	95.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1461289	143.44	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	5981741	97.56	ng	-0.02
79) Terphenyl-d14	19.77	244	6665893	115.53	ng	-0.01

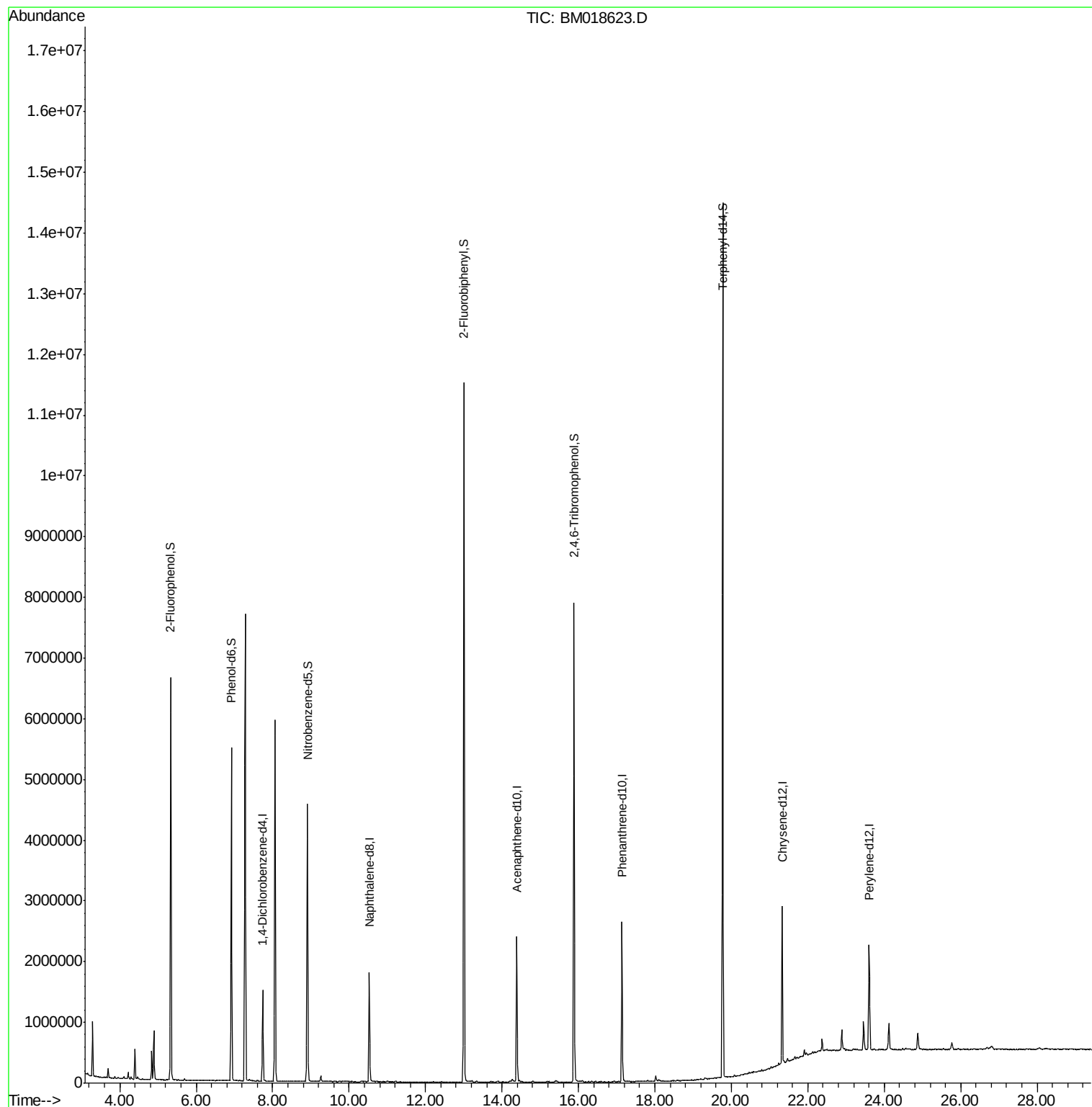
Target Compounds Qvalue

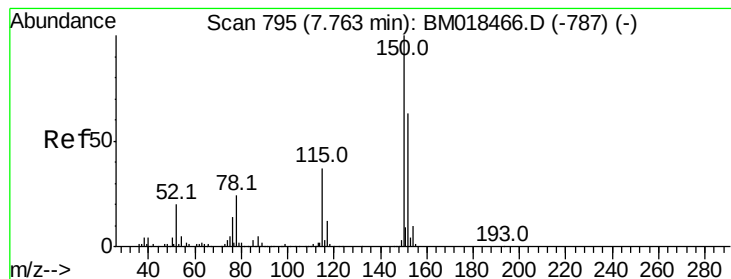
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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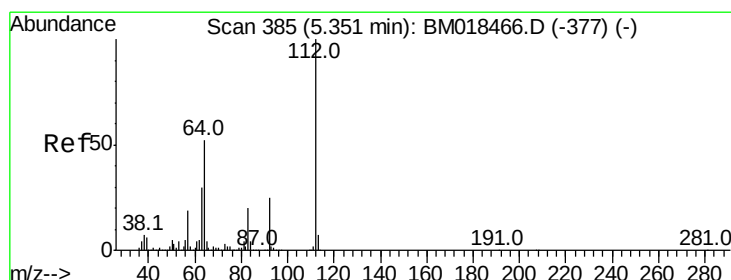
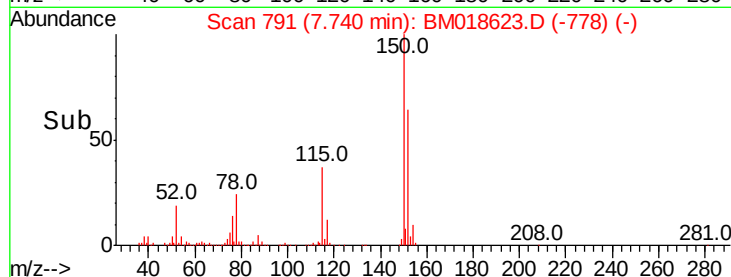
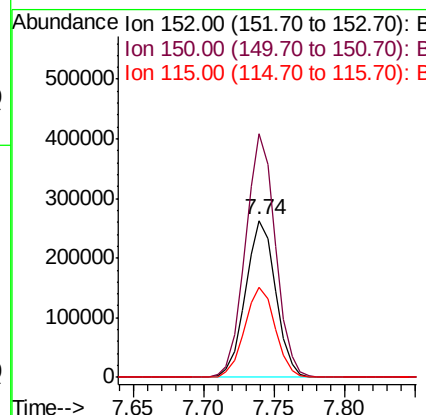
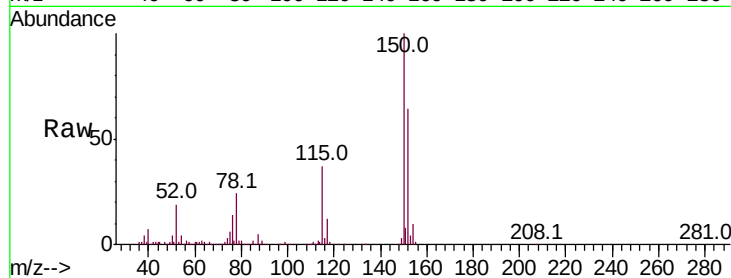


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018623.D
Acq: 17 Jan 2019 20:34

Instrument :
BNA_M
ClientSampleId :
COMP-5

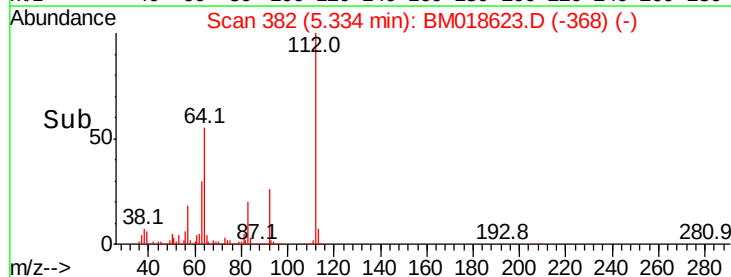
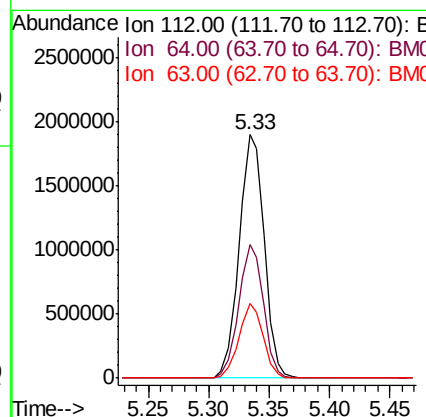
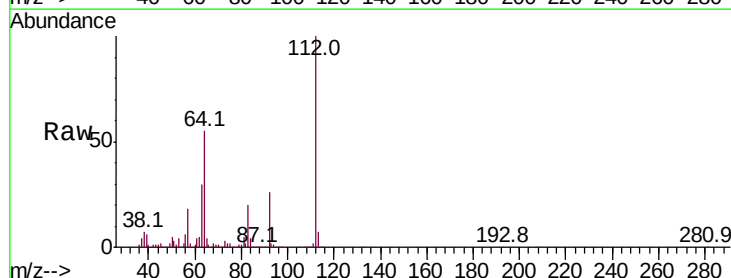
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.9	190.3
115	57.2	45.5	68.3

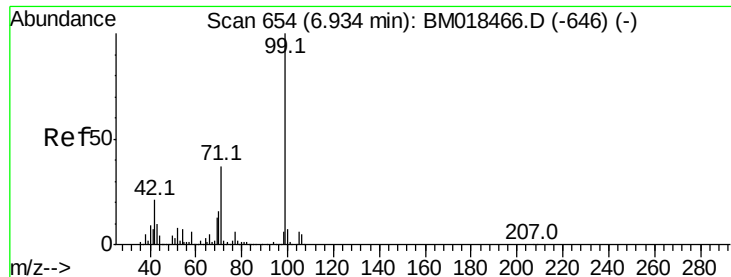


#5

2-Fluorophenol
Concen: 129.460 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018623.D
Acq: 17 Jan 2019 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.5	69.7
63	30.5	25.2	37.8





#7

Phenol-d6

Concen: 112.079 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018623.D

Acq: 17 Jan 2019 20:34

Instrument :

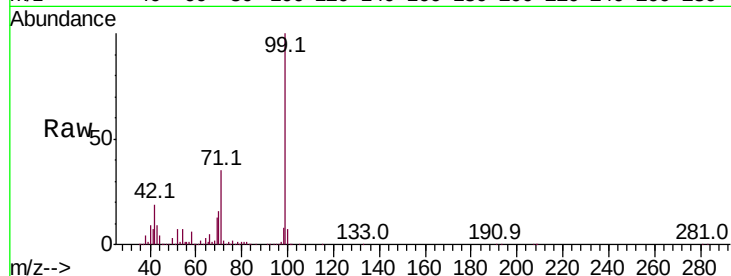
BNA_M

ClientSampleId :

COMP-5

Tot Ion: 99 Resp: 3027092

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.3	25.9
71	35.2	28.0	42.0

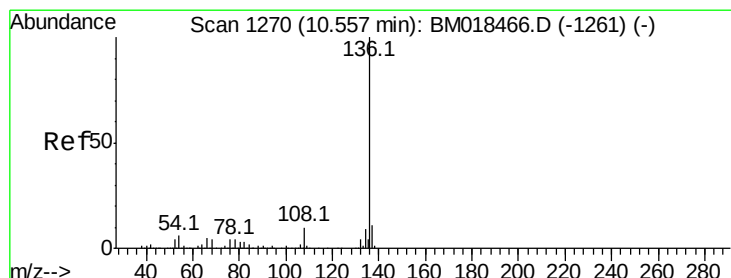
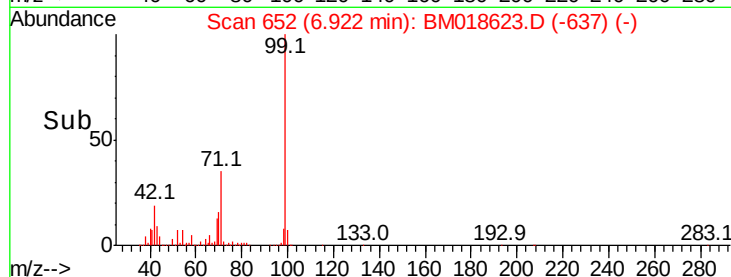
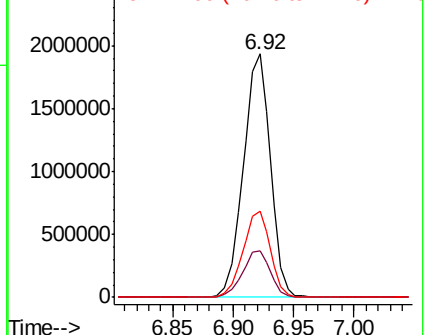


Abundance

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# 1265

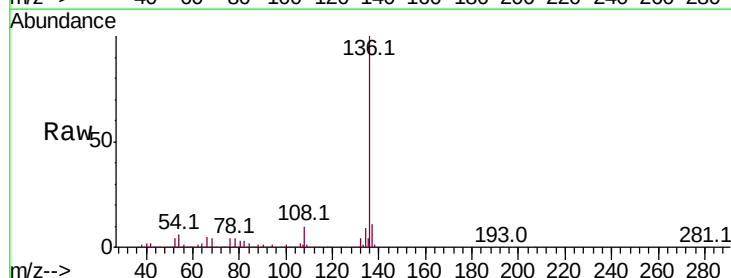
Delta R.T. -0.02 min

Lab File: BM018623.D

Acq: 17 Jan 2019 20:34

Tgt Ion: 136 Resp: 1523304

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.4	6.0	9.0
68	4.4	4.5	6.7#



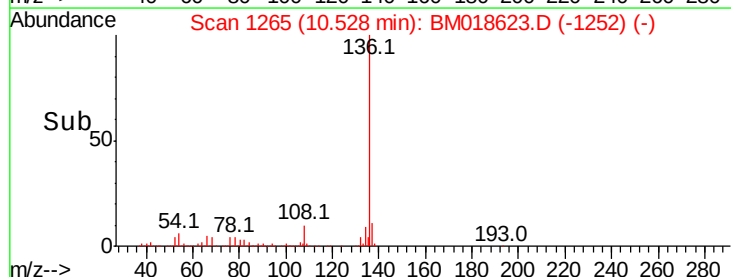
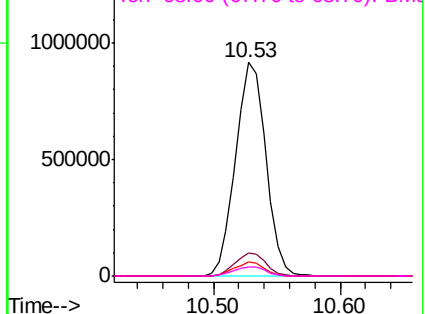
Abundance

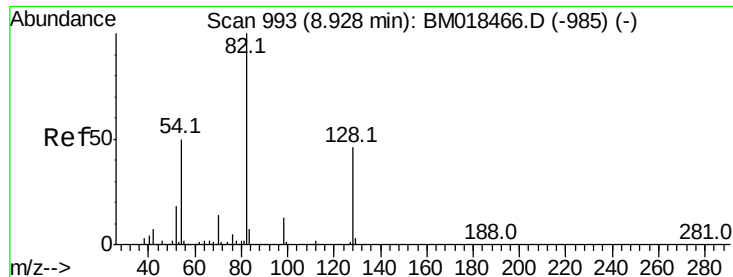
Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

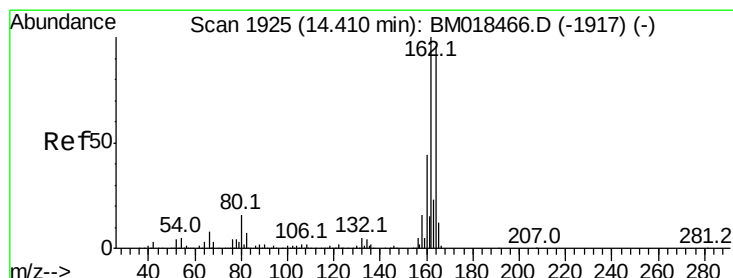
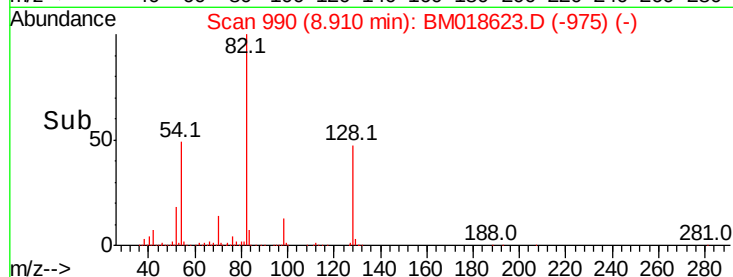
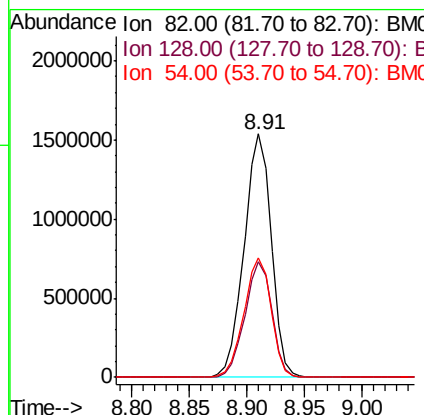
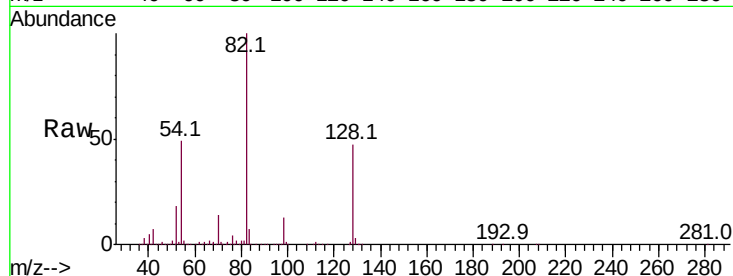




#23
Nitrobenzene-d5
Concen: 95.739 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018623.D
Acq: 17 Jan 2019 20:34

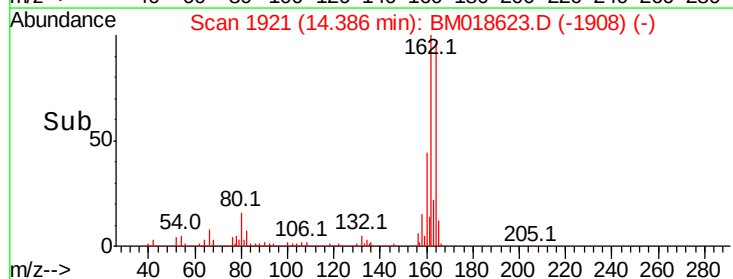
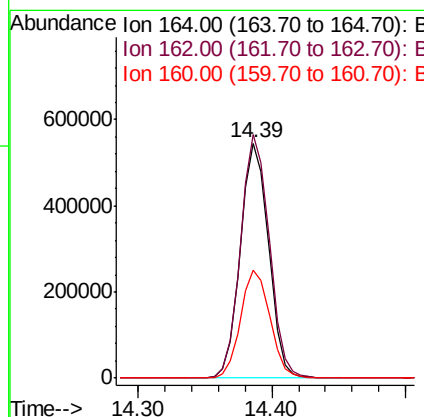
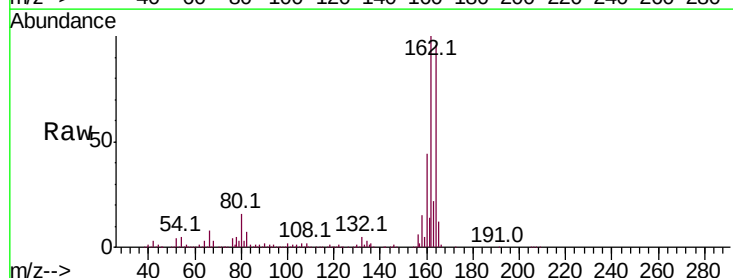
Instrument :
BNA_M
ClientSampleId :
COMP-5

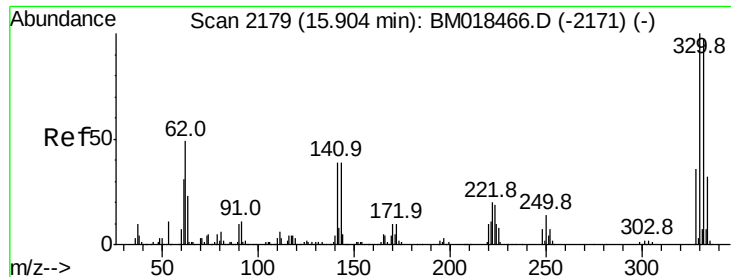
Tot Ion: 82 Resp: 2515723
Ion Ratio Lower Upper
82 100
128 47.3 36.3 54.5
54 48.9 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018623.D
Acq: 17 Jan 2019 20:34

Tgt Ion: 164 Resp: 800096
Ion Ratio Lower Upper
164 100
162 103.7 83.0 124.4
160 45.8 37.1 55.7

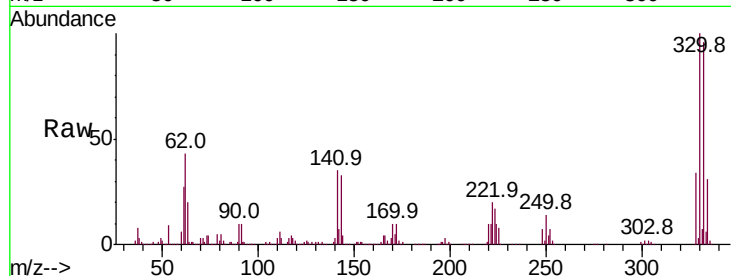




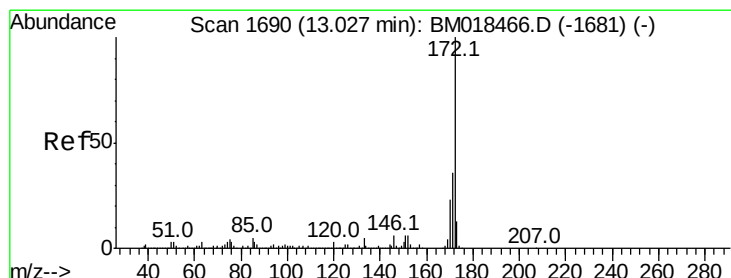
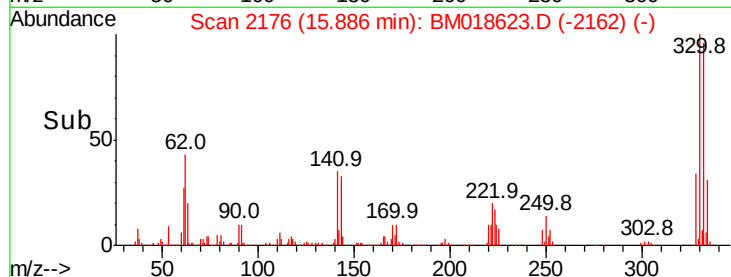
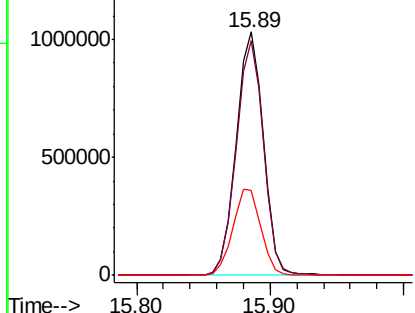
#42
 2,4,6-Tribromophenol
 Concen: 143.440 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018623.D
 Acq: 17 Jan 2019 20:34

Instrument :
 BNA_M
 ClientSampled :
 COMP-5

Tot Ion:330 Resp: 1461289
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.6 116.4
 141 36.9 31.7 47.5

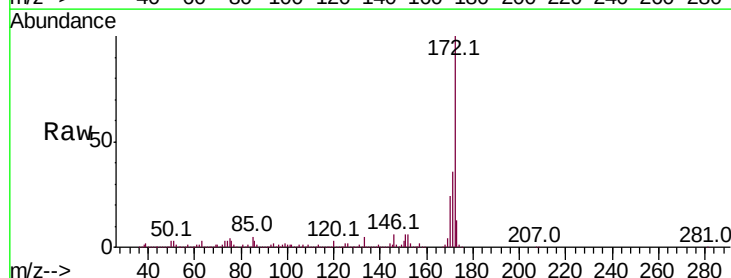


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

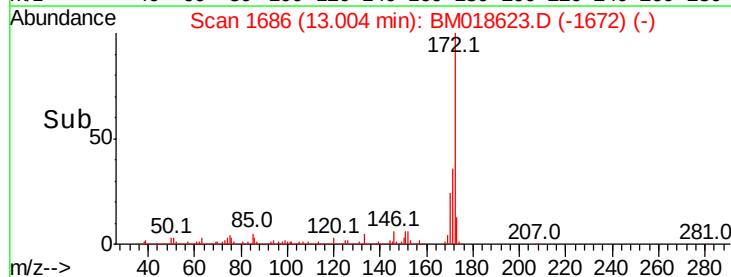
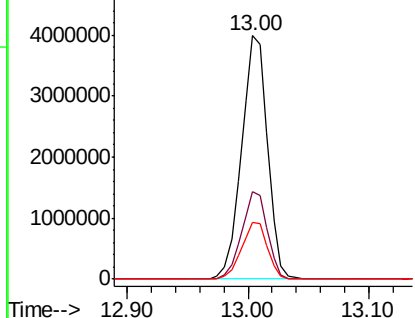


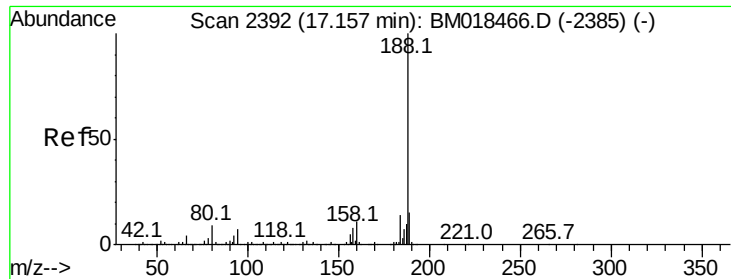
#45
 2-Fluorobiphenyl
 Concen: 97.555 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018623.D
 Acq: 17 Jan 2019 20:34

Tgt Ion:172 Resp: 5981741
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.2 42.4
 170 23.5 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



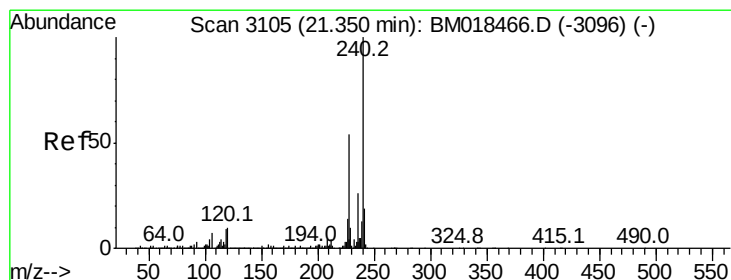
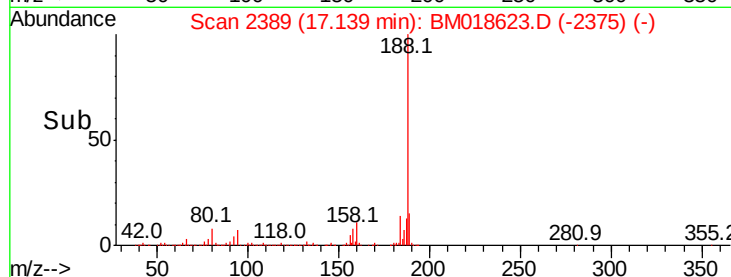
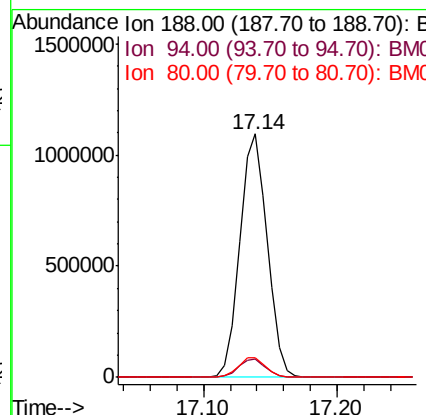
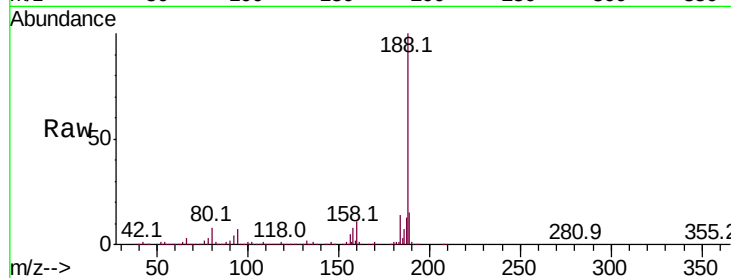


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BM018623.D
 Acq: 17 Jan 2019 20:34

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5

Tot Ion:188 Resp: 1556358

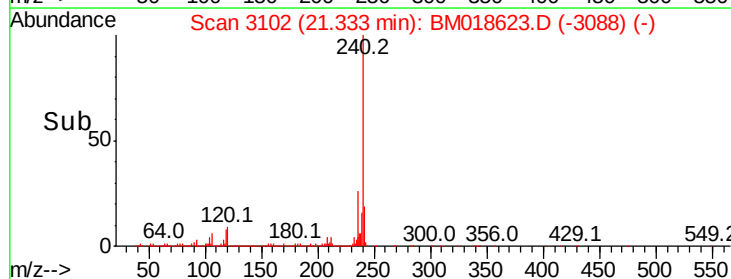
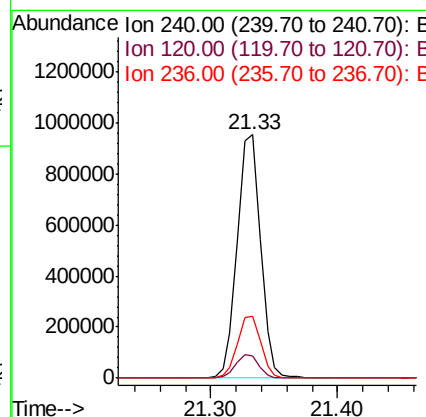
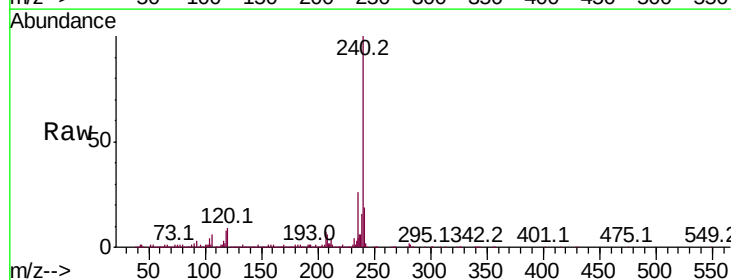
Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.2	7.6	11.4

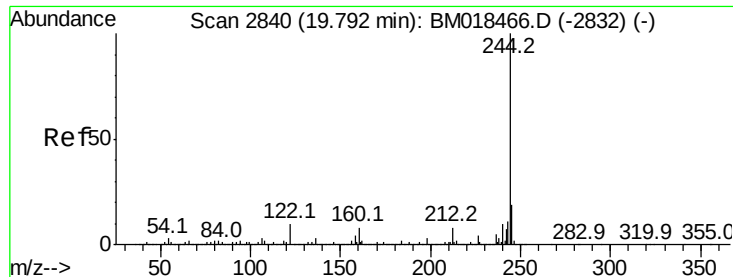


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM018623.D
 Acq: 17 Jan 2019 20:34

Tgt Ion:240 Resp: 1216354

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.4	12.6
236	25.5	20.7	31.1





#79

Terphenyl-d14

Concen: 115.525 ng

RT: 19.77 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM018623.D

Acq: 17 Jan 2019 20:34

Instrument :

BNA_M

ClientSampleId :

COMP-5

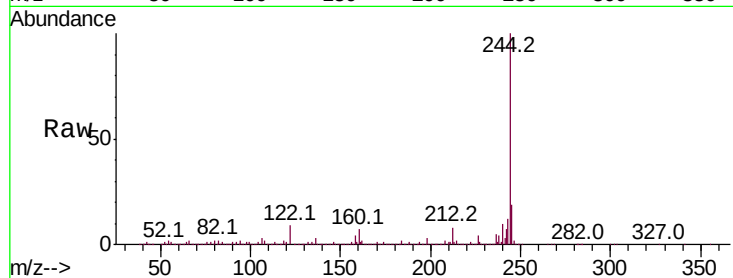
Tot Ion:244 Resp: 6665893

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

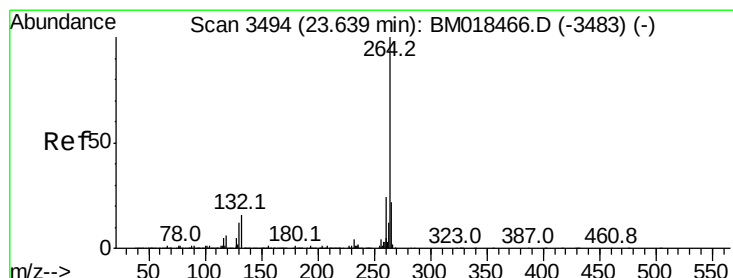
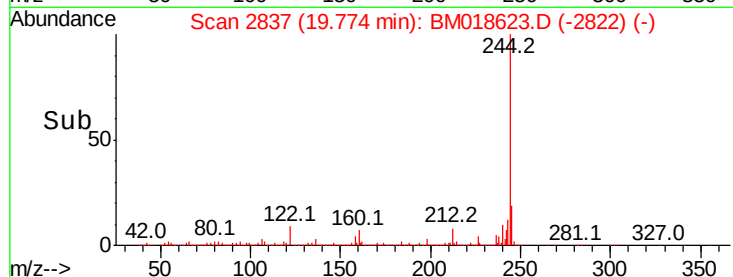
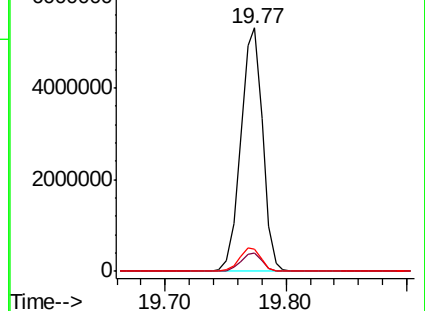
122 9.3 9.0 13.4



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: BM018623.D

Acq: 17 Jan 2019 20:34

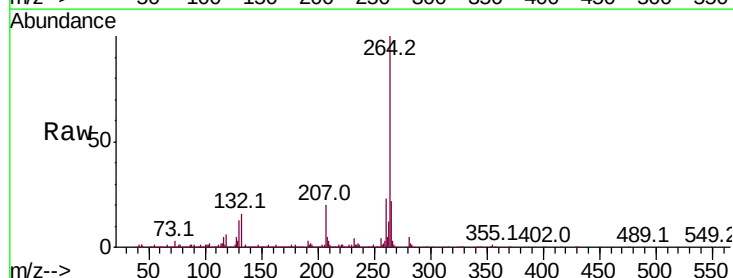
Tgt Ion:264 Resp: 1256868

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.1 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

