

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
 Data File : BM018687.D
 Acq On : 29 Jan 2019 21:02
 Operator : JU/SJ
 Sample : K1010-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-03-012819-A

Quant Time: Jan 30 00:29:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	236967	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	884220	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	457840	20.00	ng	-0.01
64) Phenanthrene-d10	17.12	188	951841	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	849903	20.00	ng	-0.02
87) Perylene-d12	23.59	264	845381	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1829467	142.56	ng	-0.01
7) Phenol-d6	6.90	99	2131103	130.74	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1663185	109.04	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	836067	143.42	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3439398	98.02	ng	-0.01
79) Terphenyl-d14	19.76	244	4283181	106.24	ng	-0.01

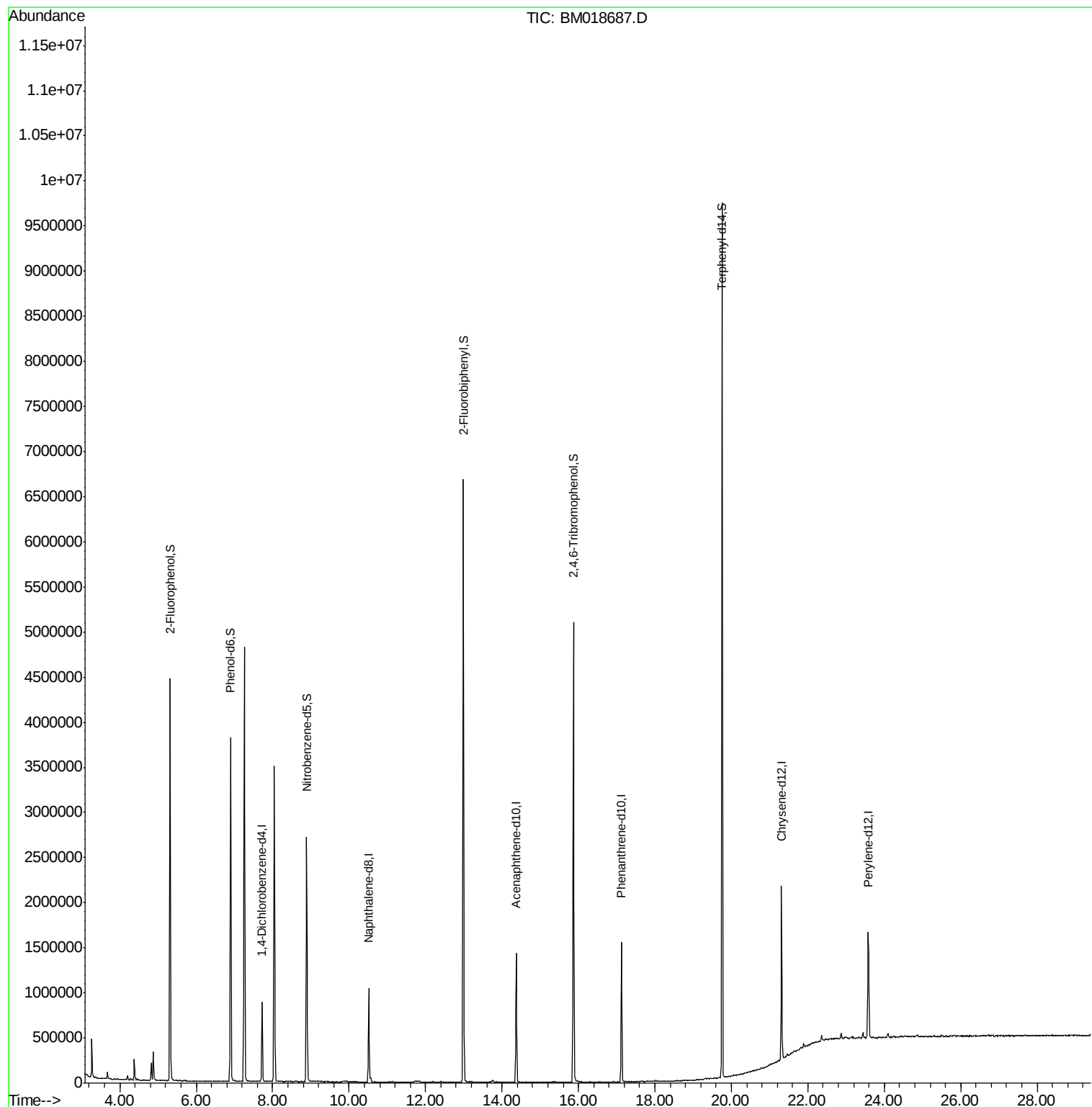
Target Compounds Qvalue

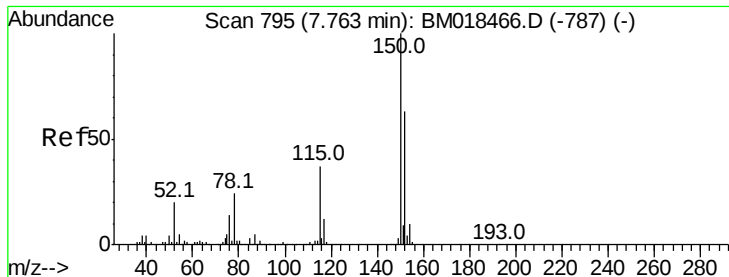
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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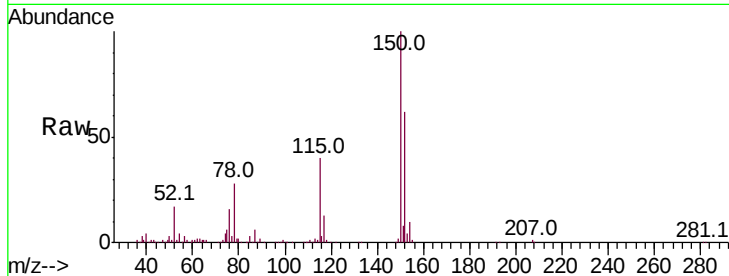


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018687.D
Acq: 29 Jan 2019 21:02

Instrument :
BNA_M
ClientSampleId :
OK-03-012819-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.9	190.3
115	63.6	45.5	68.3

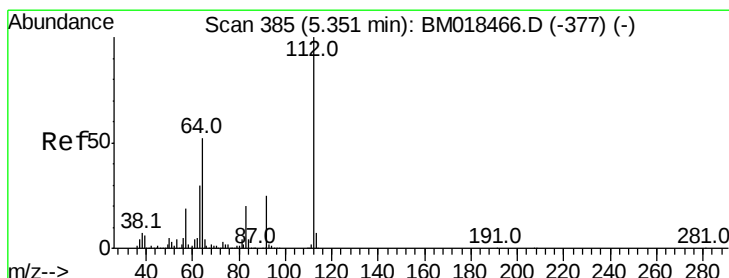
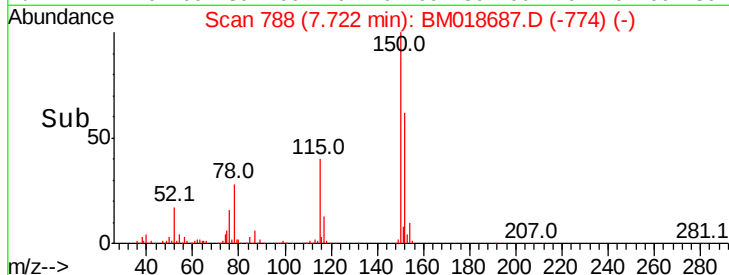
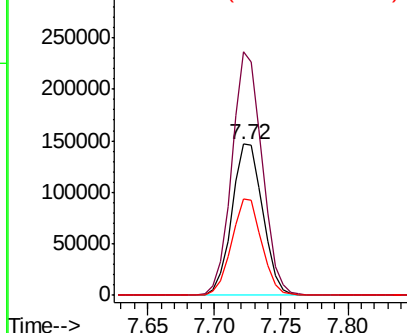


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

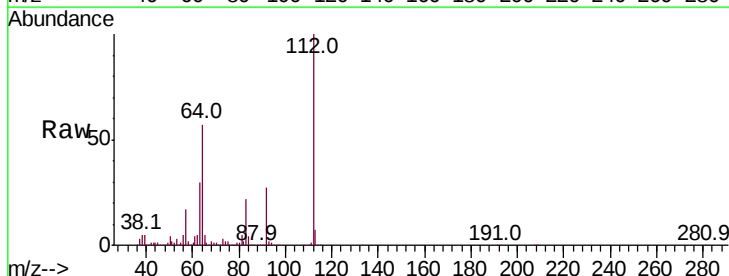
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.556 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018687.D
Acq: 29 Jan 2019 21:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.5	69.7
63	30.4	25.2	37.8

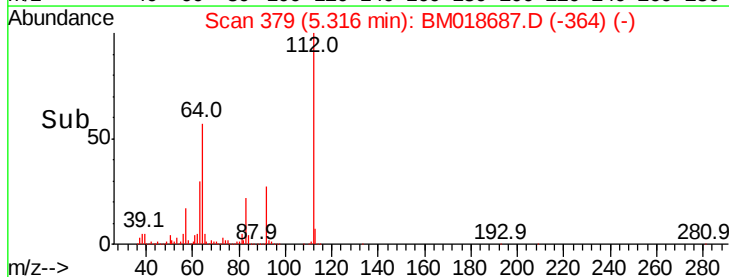
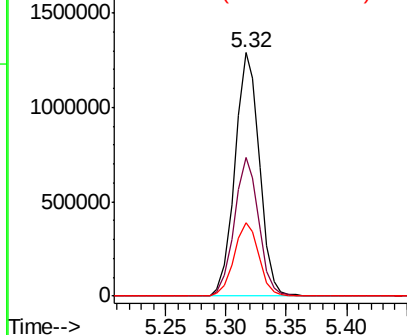


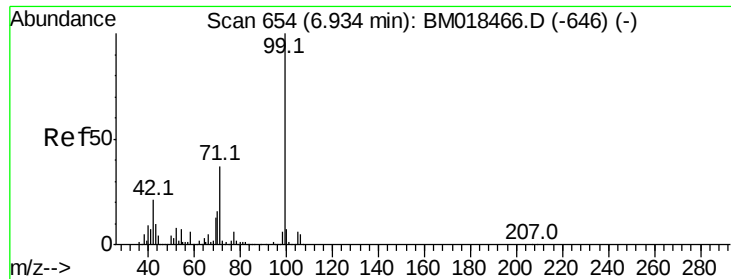
Abundance

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: 130.743 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018687.D

Acq: 29 Jan 2019 21:02

Instrument :

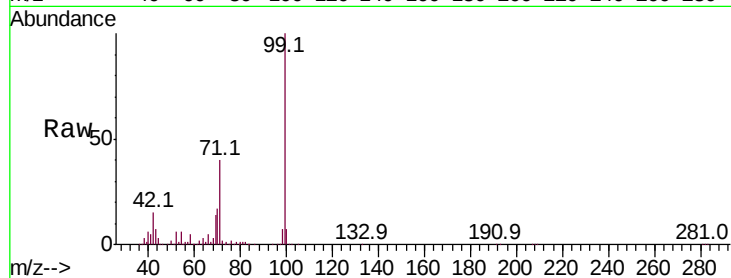
BNA_M

ClientSampleId :

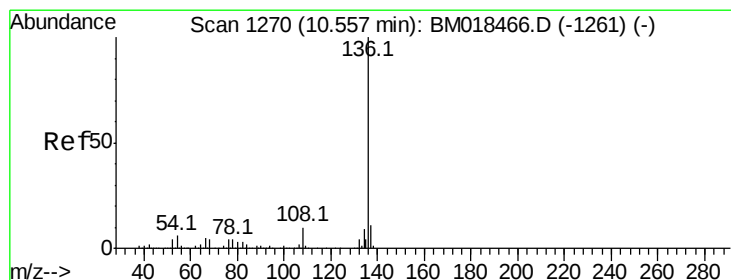
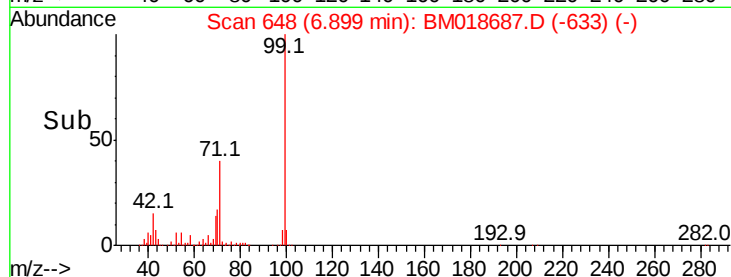
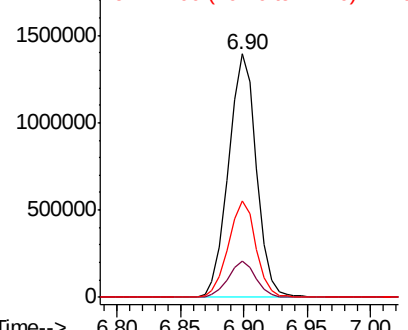
OK-03-012819-A

Tot Ion: 99 Resp: 2131103

Ion	Ratio	Lower	Upper
99	100		
42	15.0	17.3	25.9#
71	39.6	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.52 min Scan# 1263

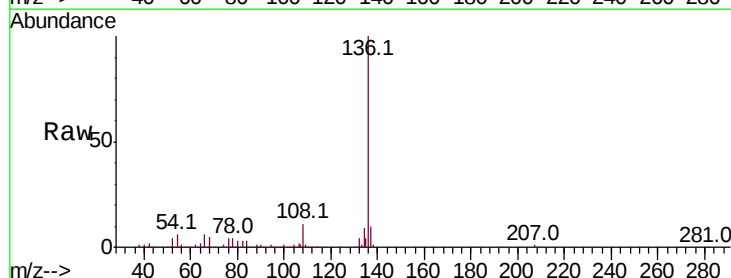
Delta R.T. -0.01 min

Lab File: BM018687.D

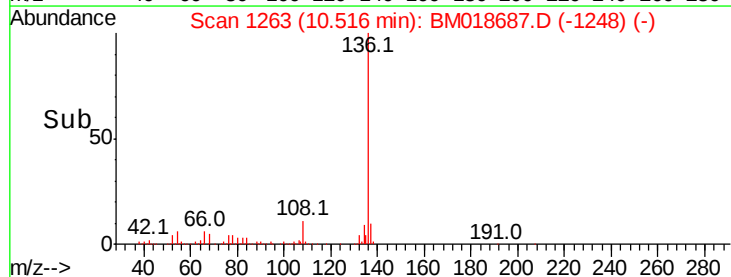
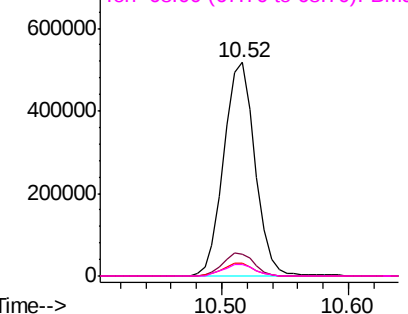
Acq: 29 Jan 2019 21:02

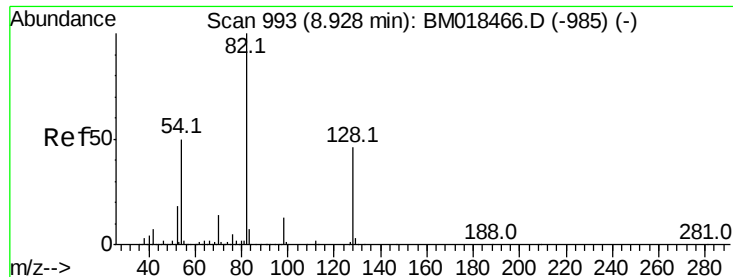
Tgt Ion: 136 Resp: 884220

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	5.9	6.0	9.0#
68	5.5	4.5	6.7



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

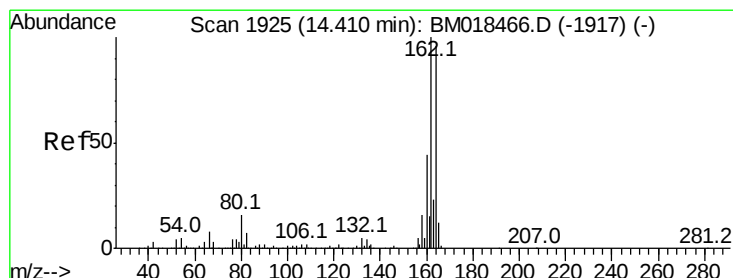
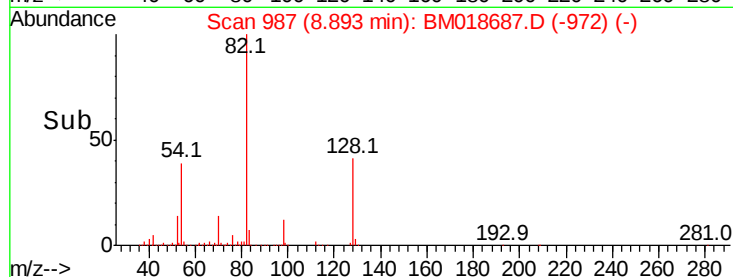
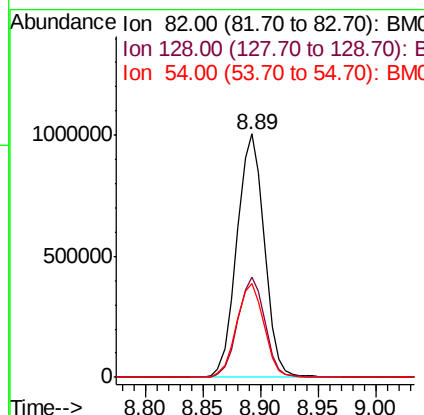
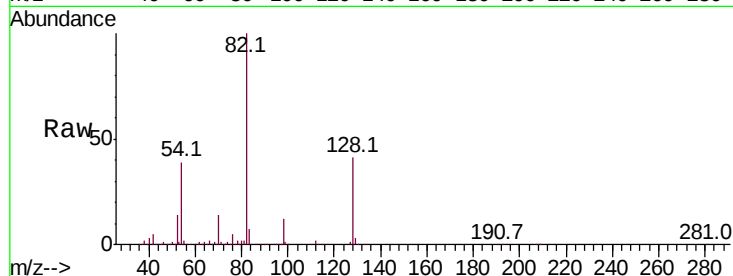




#23
Nitrobenzene-d5
Concen: 109.041 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018687.D
Acq: 29 Jan 2019 21:02

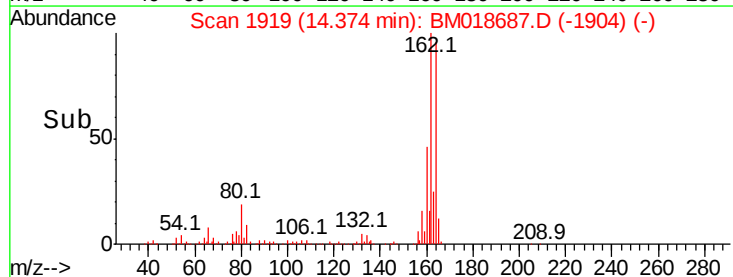
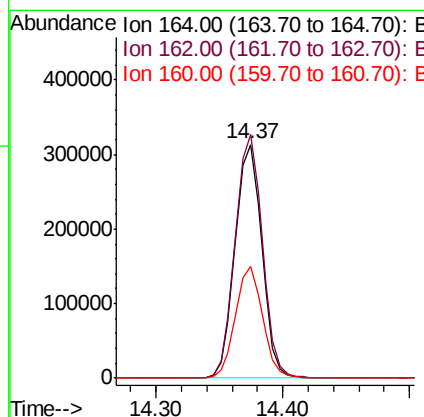
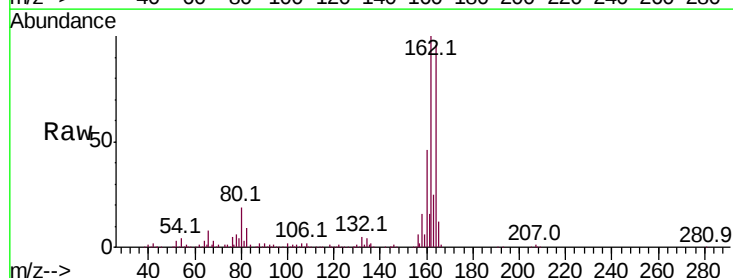
Instrument :
BNA_M
ClientSampleId :
OK-03-012819-A

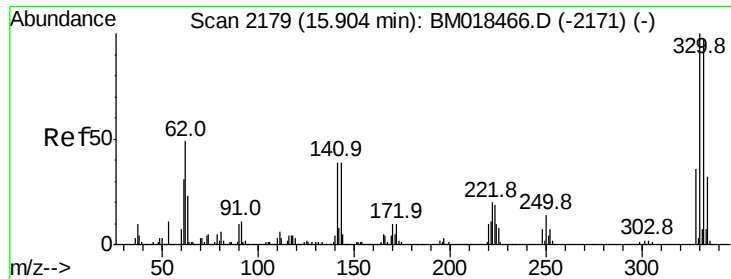
Tot Ion: 82 Resp: 1663185
Ion Ratio Lower Upper
82 100
128 41.1 36.3 54.5
54 38.5 41.7 62.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018687.D
Acq: 29 Jan 2019 21:02

Tgt Ion: 164 Resp: 457840
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.4
160 47.7 37.1 55.7

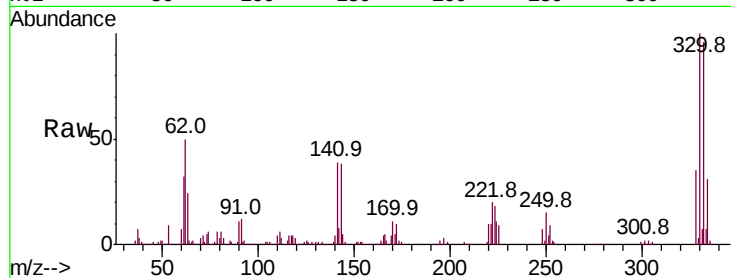




#42
 2,4,6-Tribromophenol
 Concen: 143.418 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM018687.D
 Acq: 29 Jan 2019 21:02

Instrument :
 BNA_M
 ClientSampleId :
 OK-03-012819-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	38.2	31.7	47.5

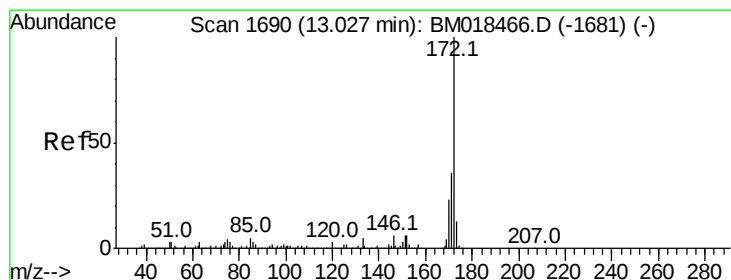
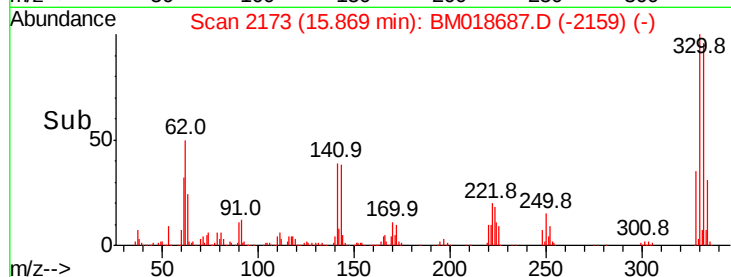
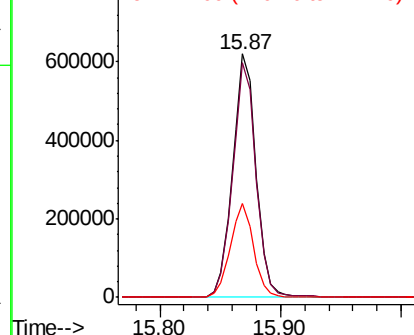


Abundance

Ion 329.80 (329.50 to 330.50): E

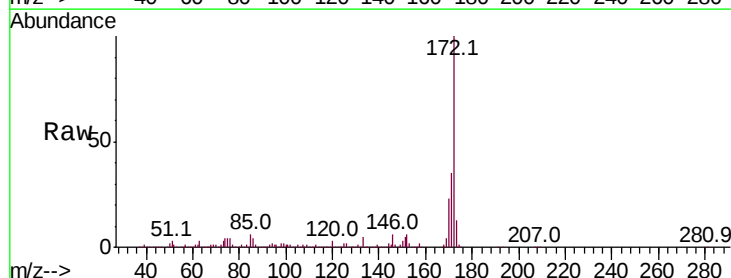
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.024 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM018687.D
 Acq: 29 Jan 2019 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.4	18.9	28.3

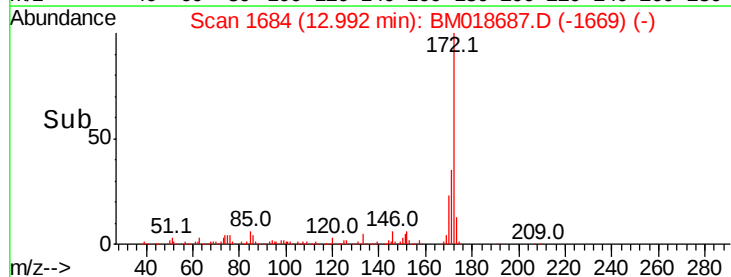
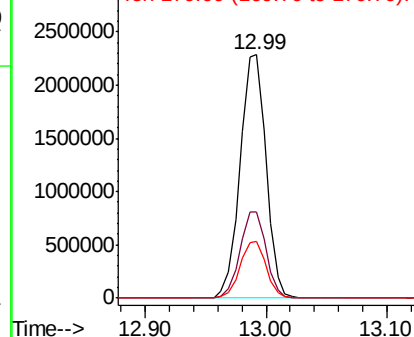


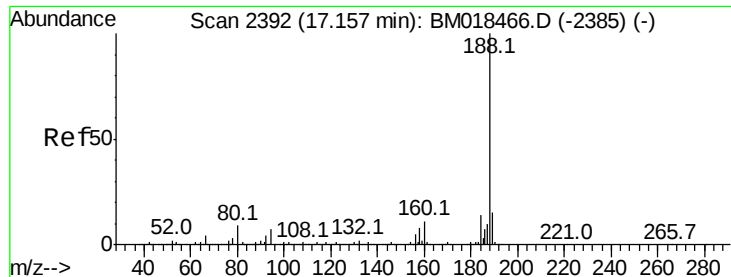
Abundance

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: 17.12 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM018687.D

Acq: 29 Jan 2019 21:02

Instrument :

BNA_M

ClientSampleId :

OK-03-012819-A

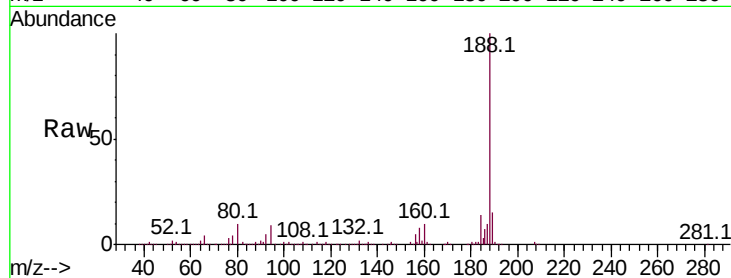
Tot Ion:188 Resp: 951841

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

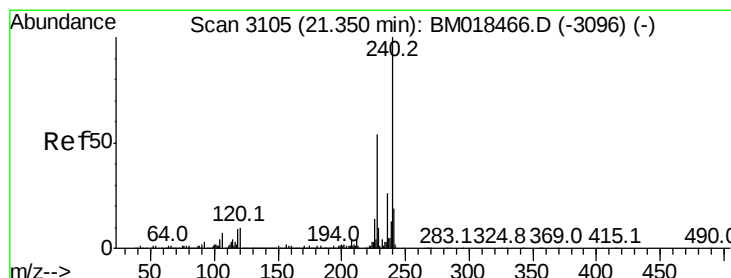
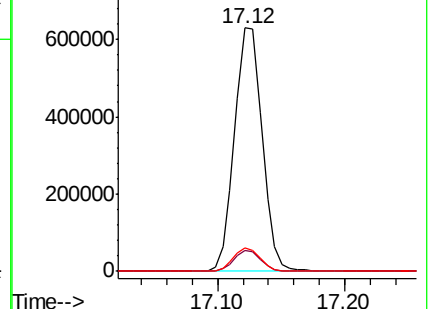
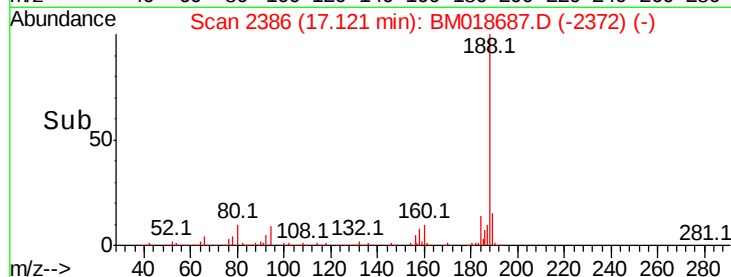
80 9.7 7.6 11.4



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: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018687.D

Acq: 29 Jan 2019 21:02

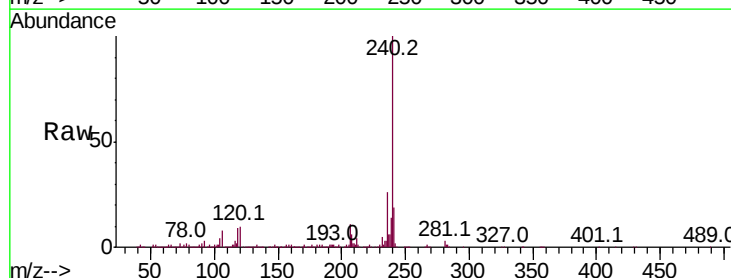
Tgt Ion:240 Resp: 849903

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

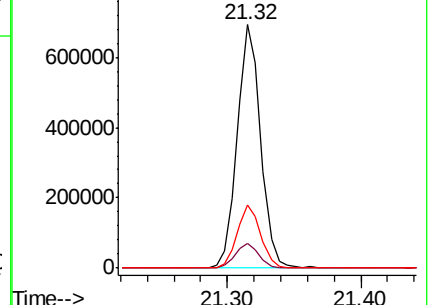
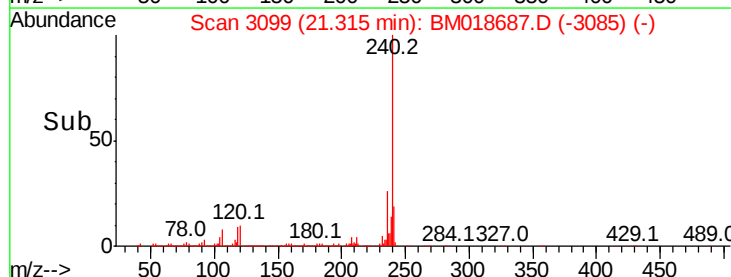
236 26.0 20.7 31.1

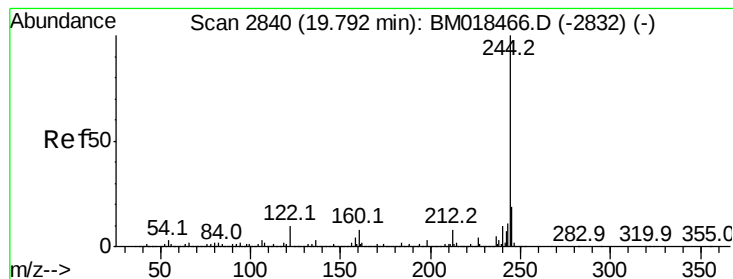


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.237 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018687.D

Acq: 29 Jan 2019 21:02

Instrument :

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OK-03-012819-A

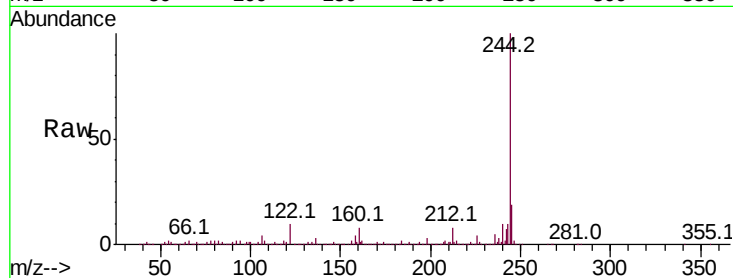
Tot Ion:244 Resp: 4283181

Ion Ratio Lower Upper

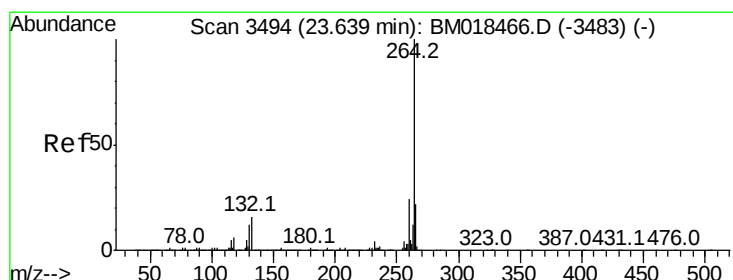
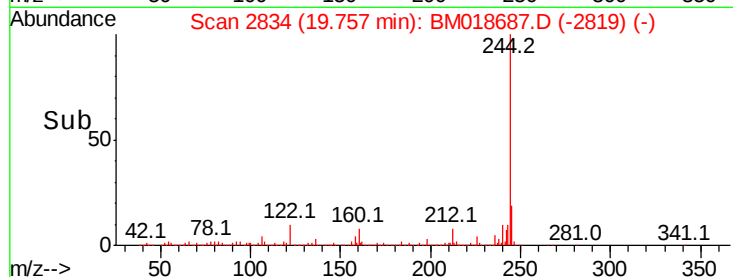
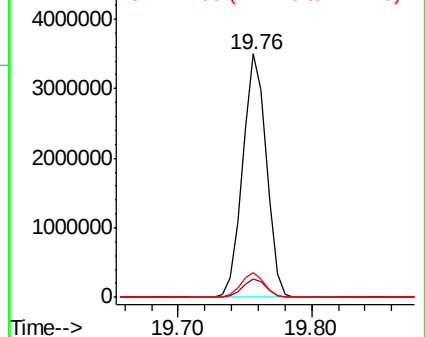
244 100

212 7.7 5.9 8.9

122 10.2 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: 23.59 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM018687.D

Acq: 29 Jan 2019 21:02

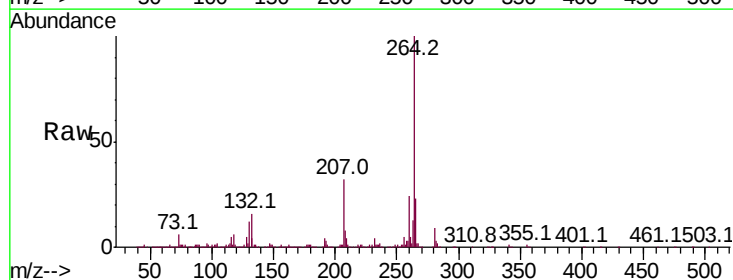
Tgt Ion:264 Resp: 845381

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.6 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

