

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
 Data File : BM018688.D
 Acq On : 29 Jan 2019 21:39
 Operator : JU/SJ
 Sample : K1010-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 00:12:09 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

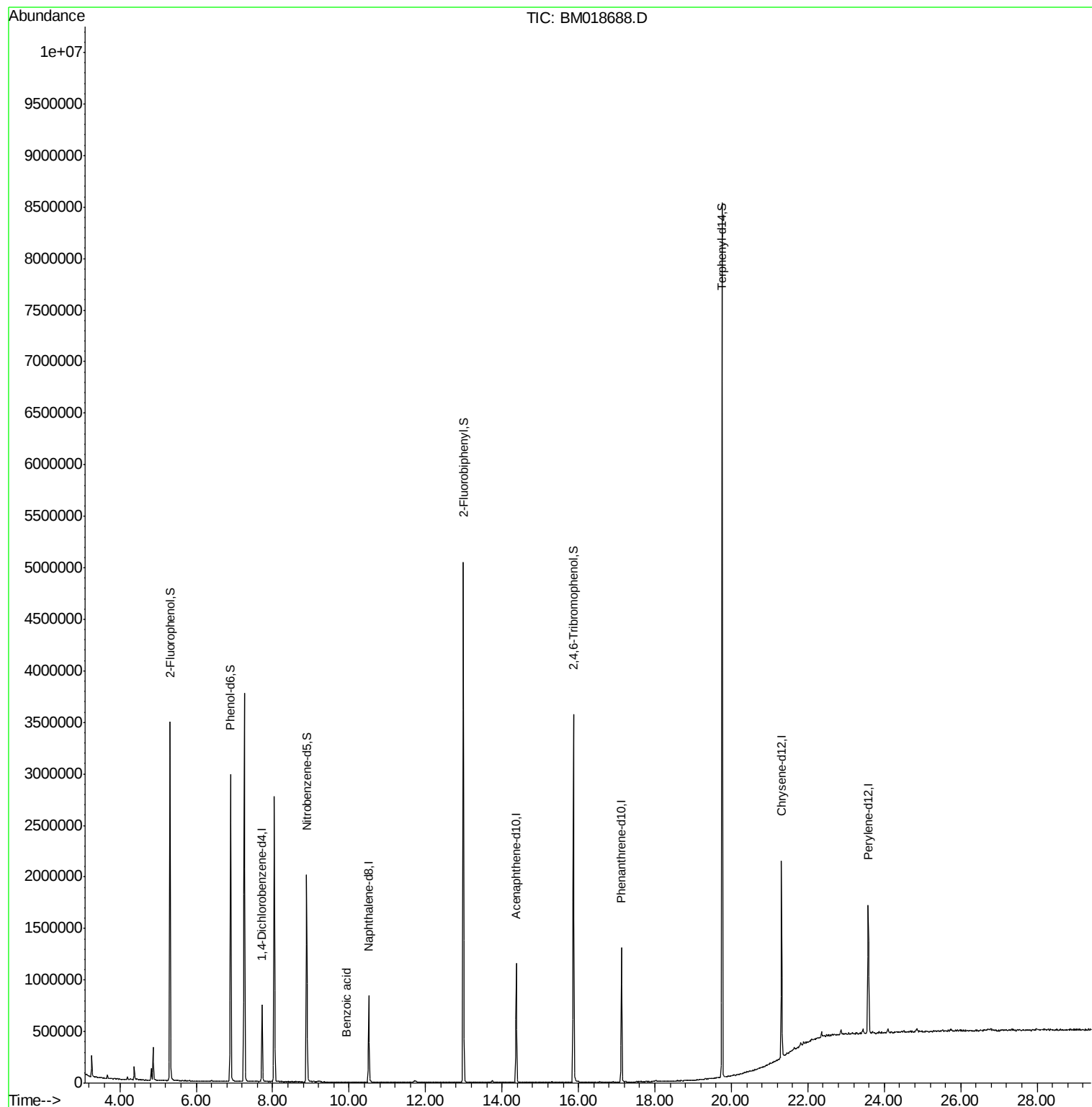
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	195348	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	710091	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	369557	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	780994	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	841761	20.00	ng	-0.02
87) Perylene-d12	23.58	264	883811	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1412466	133.51	ng	-0.01
7) Phenol-d6	6.90	99	1673373	124.53	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1238202	101.09	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	620597	131.89	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2542892	89.79	ng	-0.02
79) Terphenyl-d14	19.76	244	3672573	91.97	ng	-0.01
Target Compounds						
32) Benzoic acid	9.93	122	106	6.518	ng	Qvalue # 1

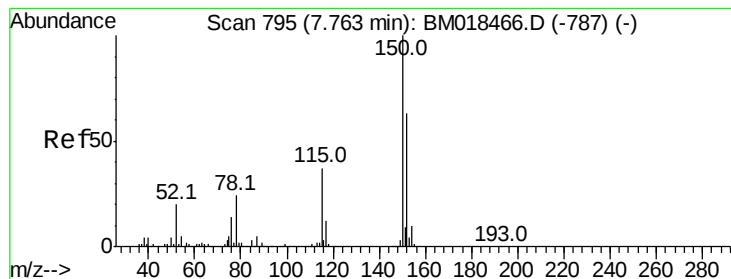
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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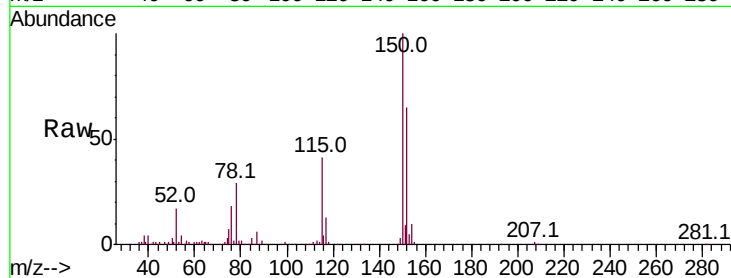


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018688.D
Acq: 29 Jan 2019 21:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.9	190.3
115	62.8	45.5	68.3

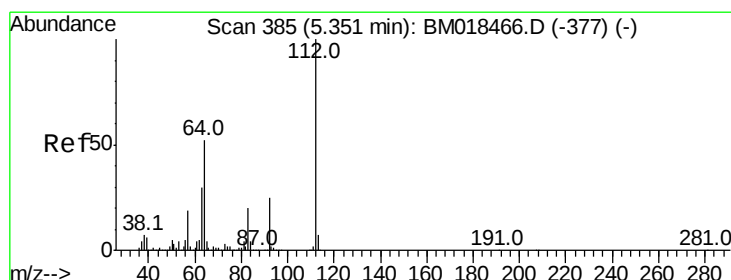
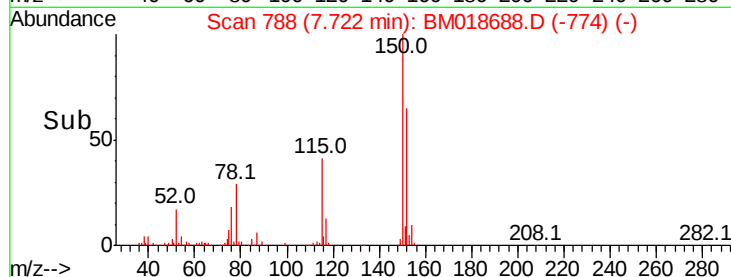
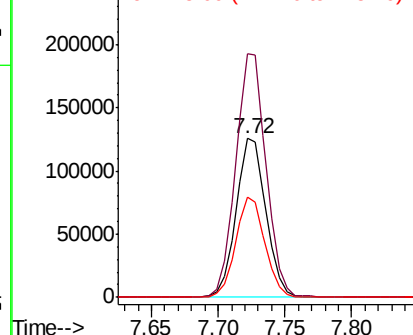


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

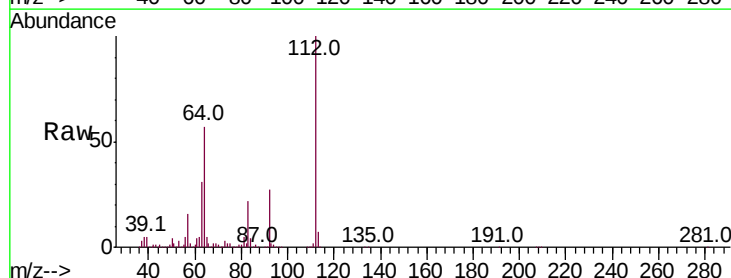
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.511 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018688.D
Acq: 29 Jan 2019 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.5	69.7
63	30.5	25.2	37.8

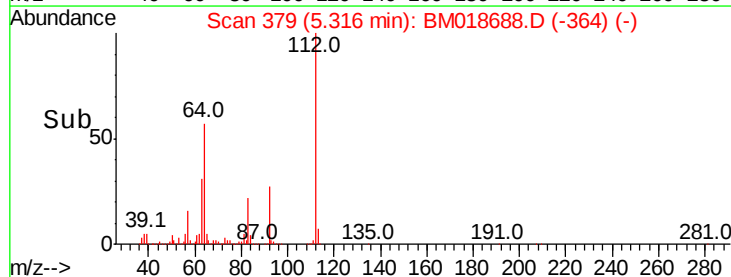
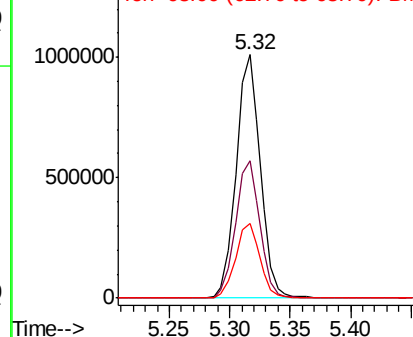


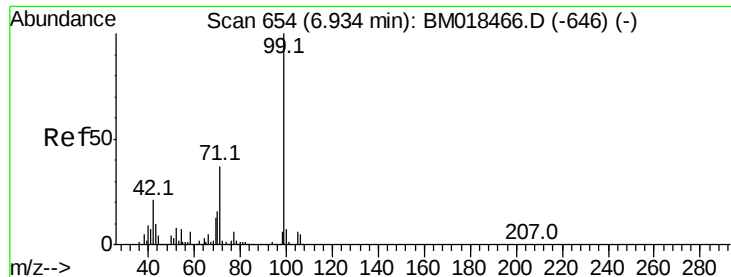
Abundance

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: 124.534 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018688.D

Acq: 29 Jan 2019 21:39

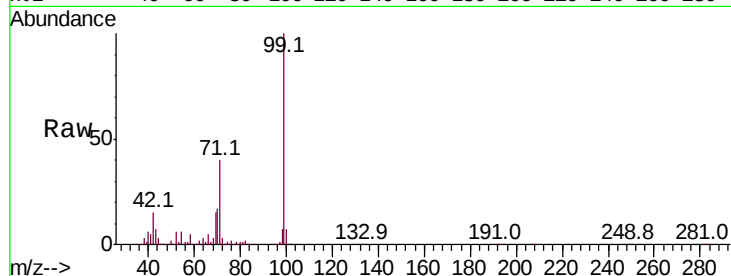
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1673373

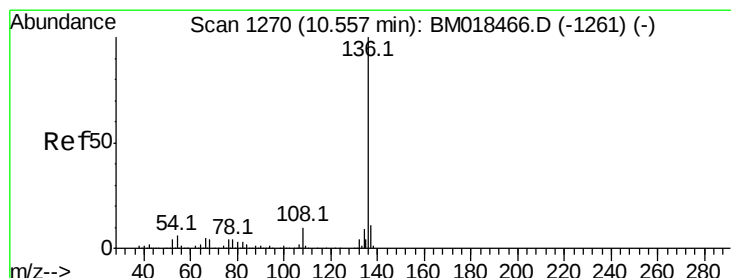
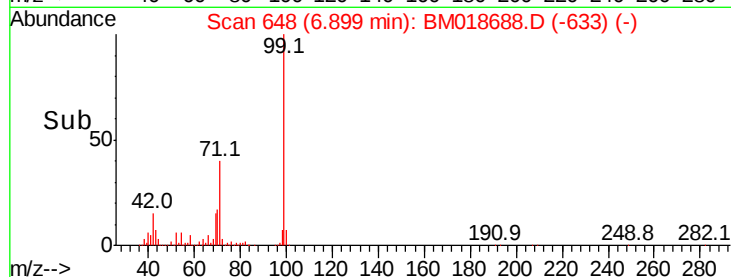
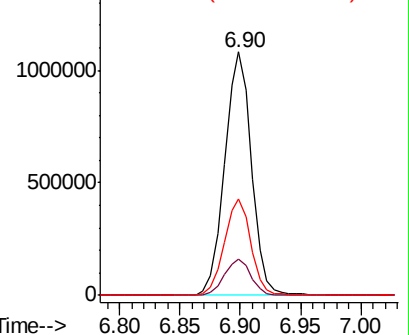
Ion	Ratio	Lower	Upper
99	100		
42	14.7	17.3	25.9#
71	39.8	28.0	42.0



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: 10.52 min Scan# 1263

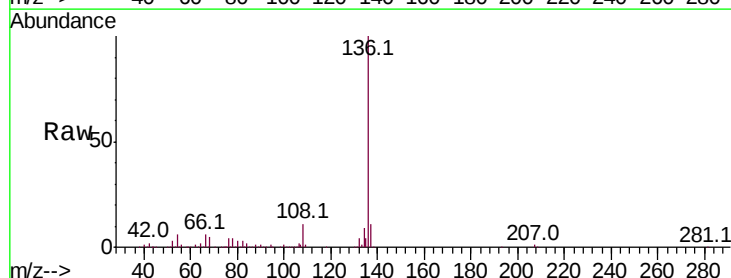
Delta R.T. -0.01 min

Lab File: BM018688.D

Acq: 29 Jan 2019 21:39

Tgt Ion: 136 Resp: 710091

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	5.8	6.0	9.0#
68	5.0	4.5	6.7

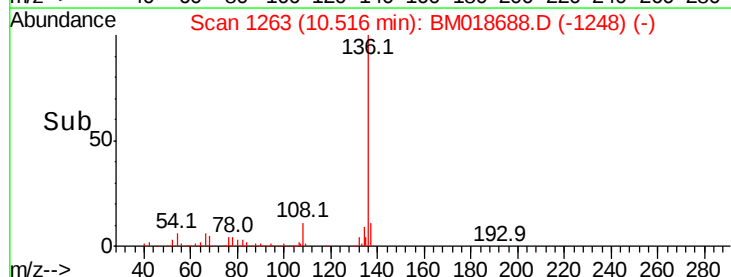
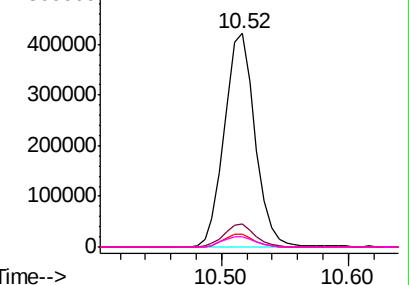


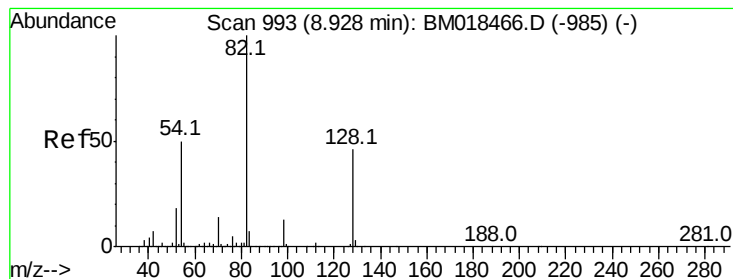
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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: 101.085 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BM018688.D

Acq: 29 Jan 2019 21:39

Instrument :

BNA_M

ClientSampled :

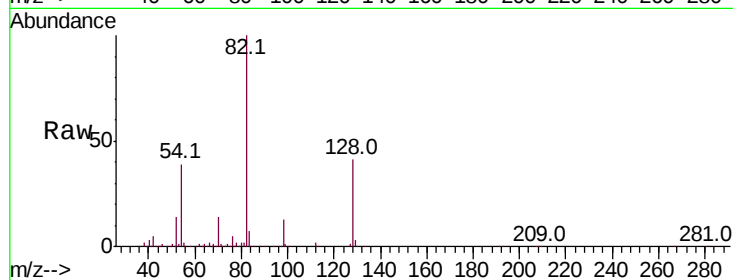
Tot Ion: 82 Resp: 1238202

Ion Ratio Lower Upper

82 100

128 40.7 36.3 54.5

54 39.3 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) (-)

8.89

800000

600000

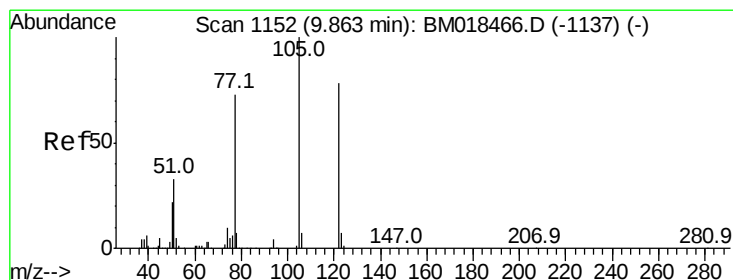
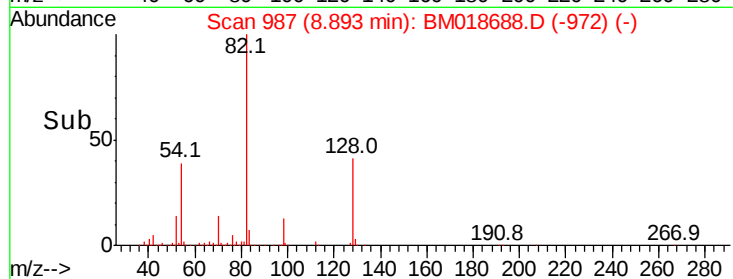
400000

200000

0

8.80 8.85 8.90 8.95 9.00

Time-->



#32

Benzoic acid

Concen: 6.518 ng

RT: 9.93 min Scan# 1163

Delta R.T. 0.06 min

Lab File: BM018688.D

Acq: 29 Jan 2019 21:39

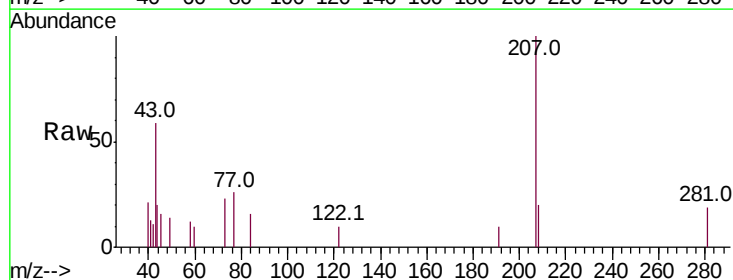
Tgt Ion:122 Resp: 106

Ion Ratio Lower Upper

122 100

105 0.0 100.4 140.4#

77 252.5 71.7 111.7#



Abundance Ion 122.00 (121.70 to 122.70): BM018466.D (-1137) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-1137) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-1137) (-)

9.93

1000

800

600

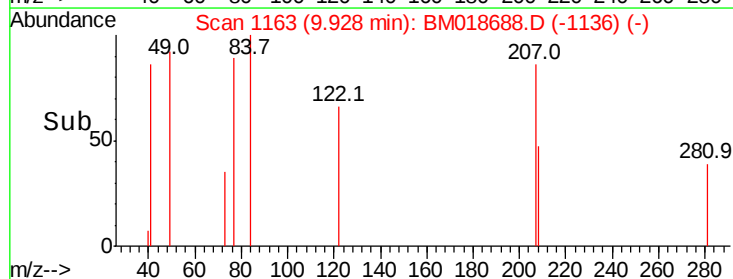
400

200

0

9.91 9.92 9.93 9.94

Time-->

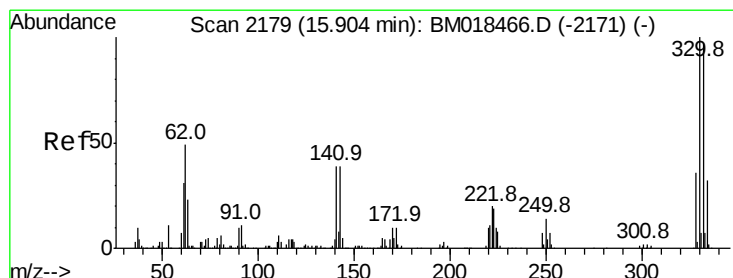
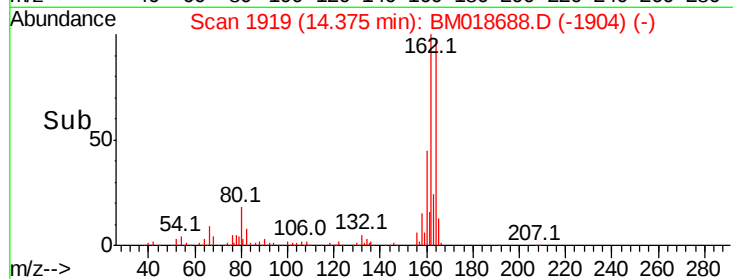
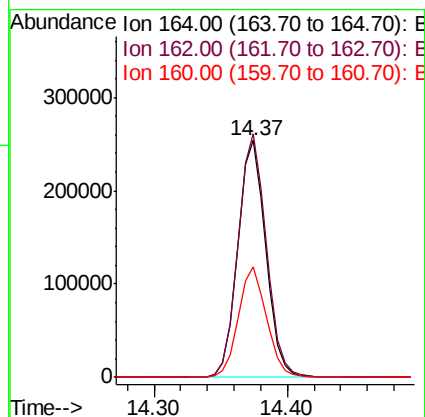
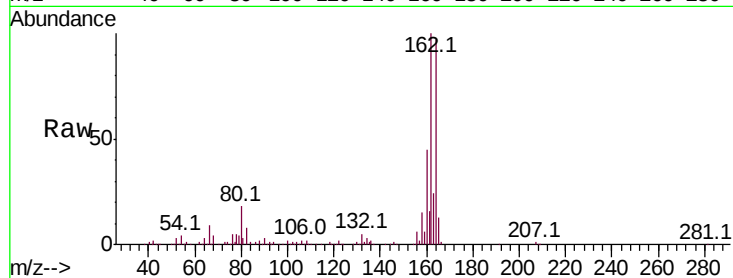




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018688.D
Acq: 29 Jan 2019 21:39

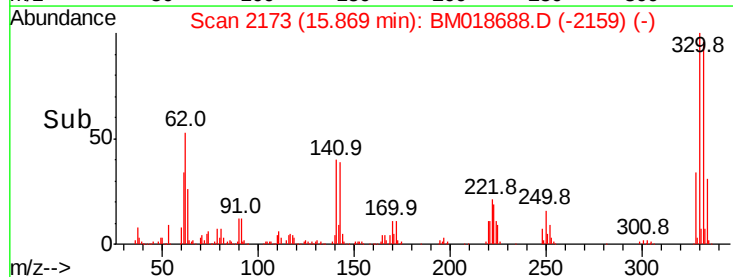
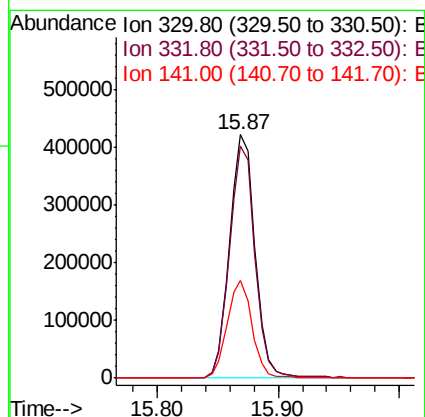
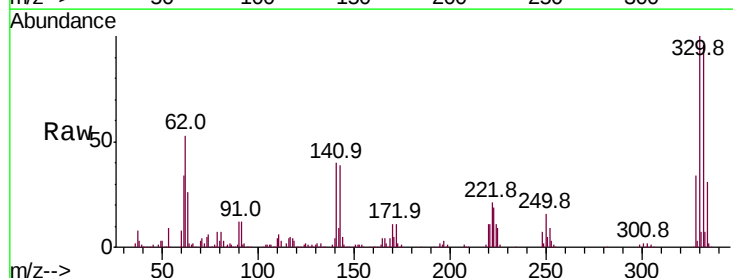
Instrument :
BNA_M
ClientSampleId :

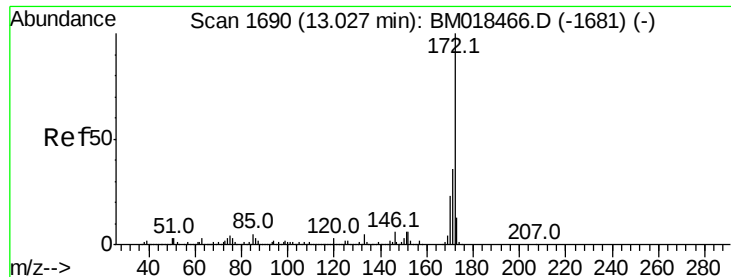
Tot Ion:164 Resp: 369557
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.4
160 46.8 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 131.888 ng
RT: 15.87 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM018688.D
Acq: 29 Jan 2019 21:39

Tgt Ion:330 Resp: 620597
Ion Ratio Lower Upper
330 100
332 95.1 77.6 116.4
141 39.3 31.7 47.5



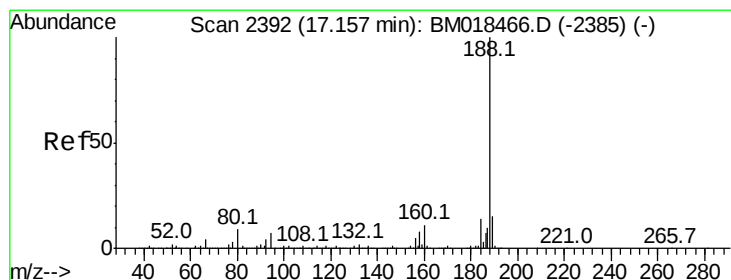
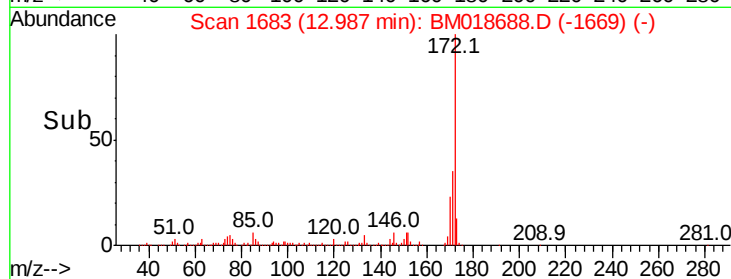
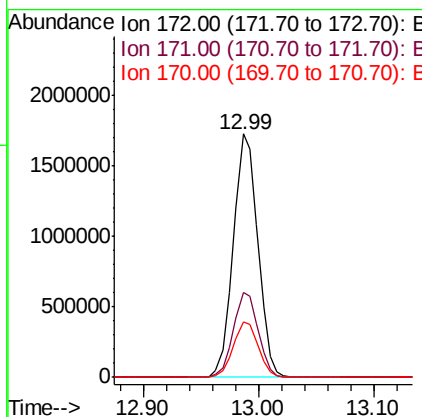
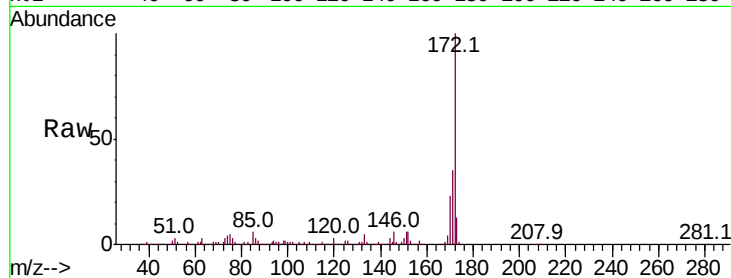


#45
2-Fluorobiphenyl
Concen: 89.787 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM018688.D
Acq: 29 Jan 2019 21:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2542892

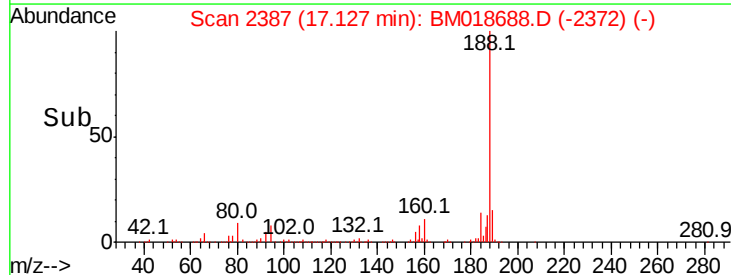
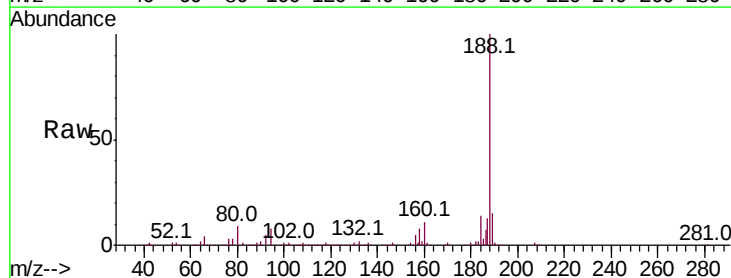
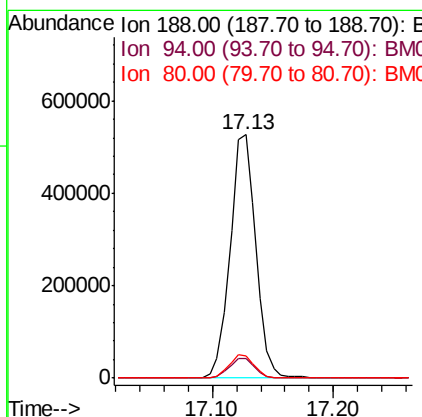
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.4
170	22.8	18.9	28.3

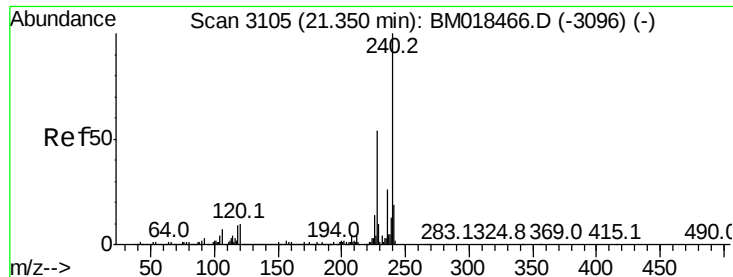


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018688.D
Acq: 29 Jan 2019 21:39

Tgt Ion:188 Resp: 780994

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	9.0	7.6	11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018688.D

Acq: 29 Jan 2019 21:39

Instrument :

BNA_M

ClientSampleId :

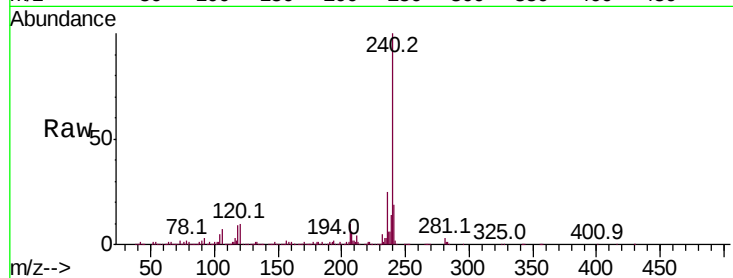
Tot Ion:240 Resp: 841761

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

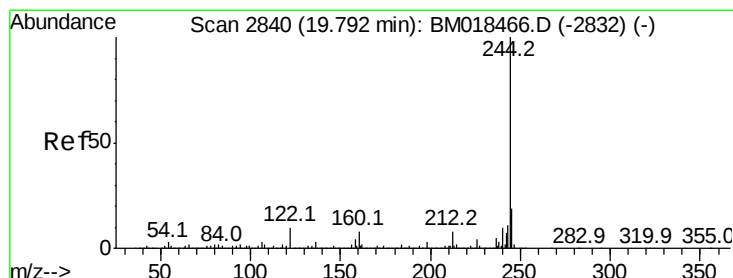
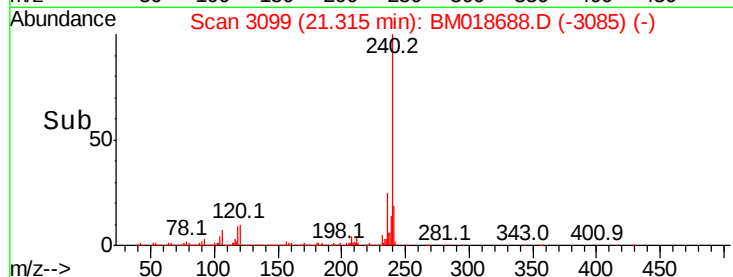
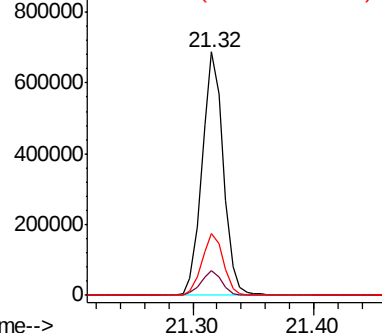
236 25.3 20.7 31.1



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: 91.973 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018688.D

Acq: 29 Jan 2019 21:39

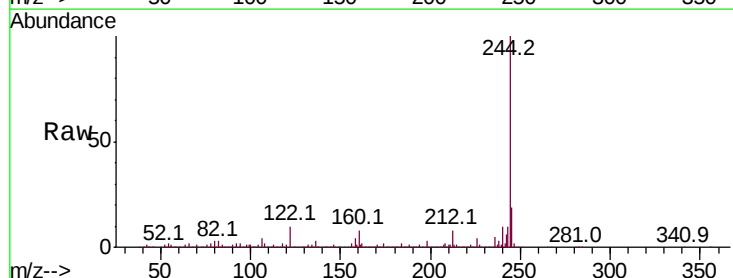
Tgt Ion:244 Resp: 3672573

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

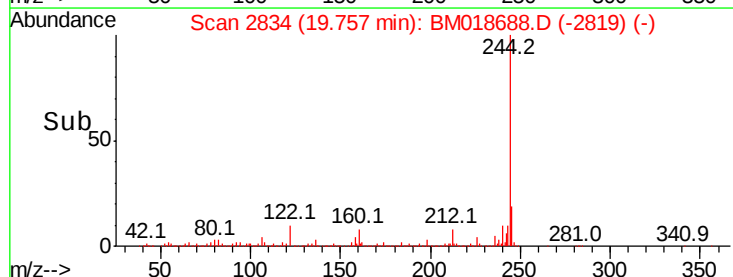
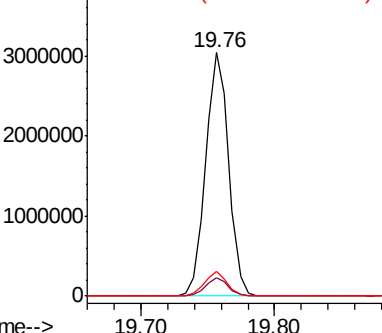
122 10.0 9.0 13.4

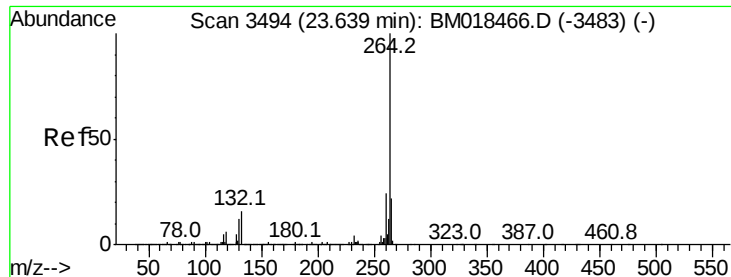


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

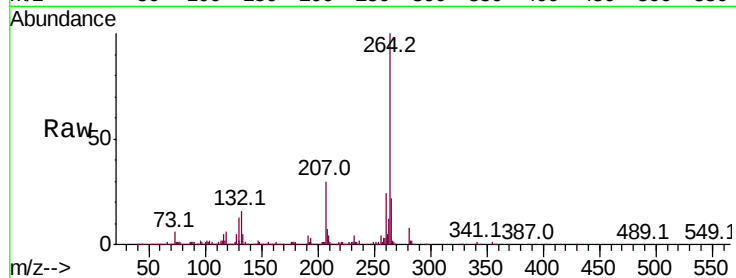




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.58 min Scan# 3484
Delta R.T. -0.02 min
Lab File: BM018688.D
Acq: 29 Jan 2019 21:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.3	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

