

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
 Data File : BM018679.D
 Acq On : 29 Jan 2019 16:09
 Operator : JU/SJ
 Sample : K1266-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 29 17:28:26 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	215482	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	786277	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	423370	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	930550	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	975272	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1003543	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	463795	39.74	ng	-0.02
7) Phenol-d6	6.89	99	348635	23.52	ng	-0.02
23) Nitrobenzene-d5	8.89	82	1415822	104.39	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	494334	91.70	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2923483	90.10	ng	-0.02
79) Terphenyl-d14	19.76	244	3881177	83.89	ng	-0.01

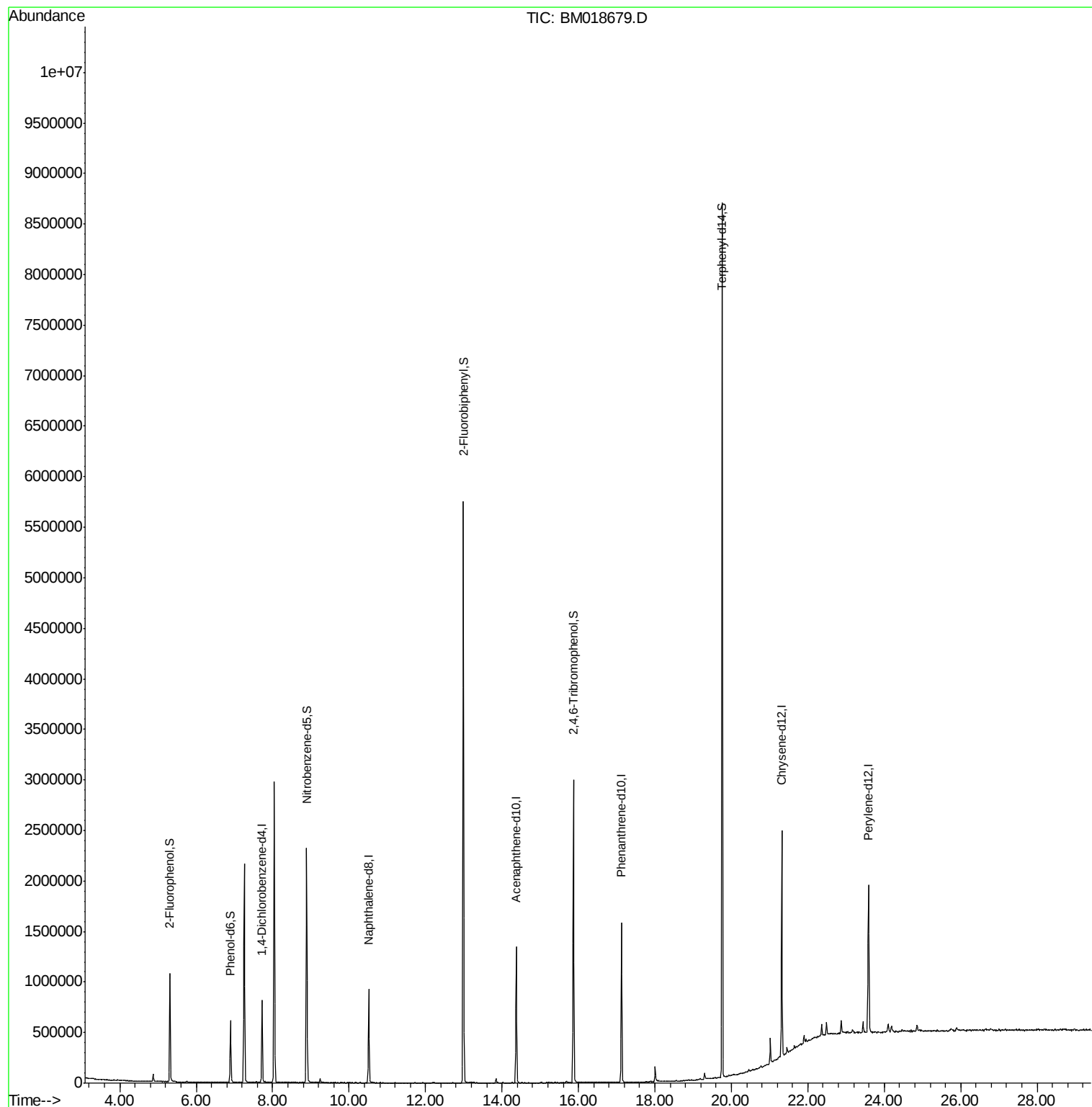
Target Compounds Qvalue

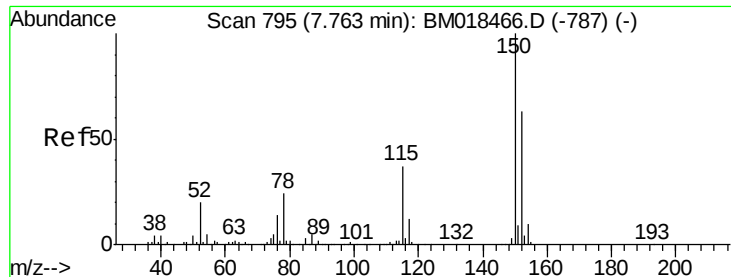
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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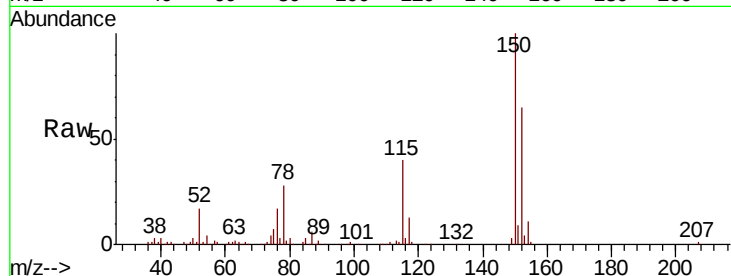


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018679.D
Acq: 29 Jan 2019 16:09

Instrument :
BNA_M
ClientSampled :

Tot Ion	152	Resp	215482
Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.9	190.3
115	62.2	45.5	68.3

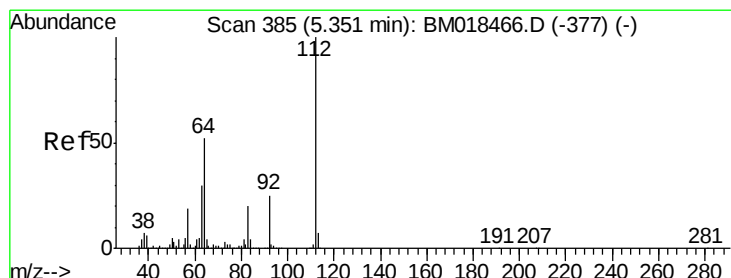
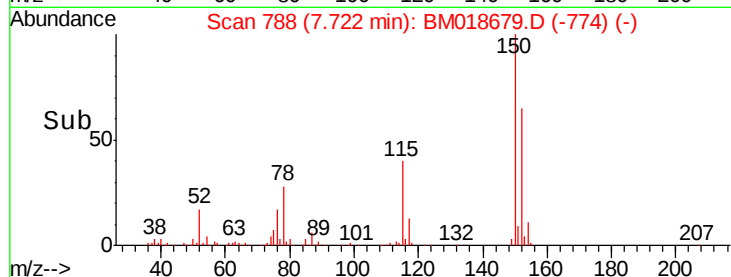
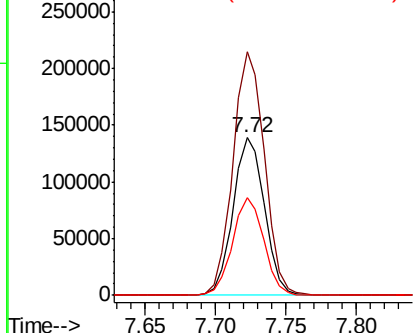


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

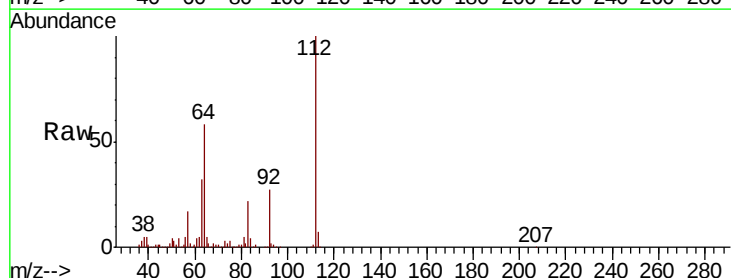
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.743 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018679.D
Acq: 29 Jan 2019 16:09

Tgt Ion	112	Resp	463795
Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.5	69.7
63	31.9	25.2	37.8

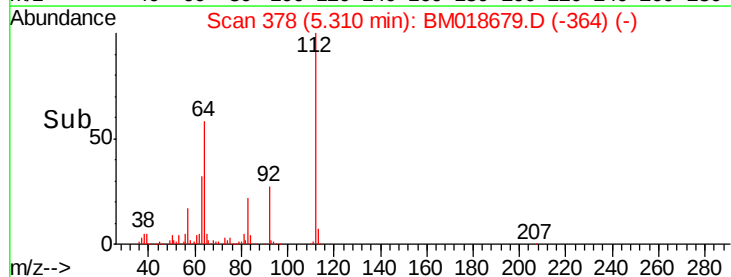
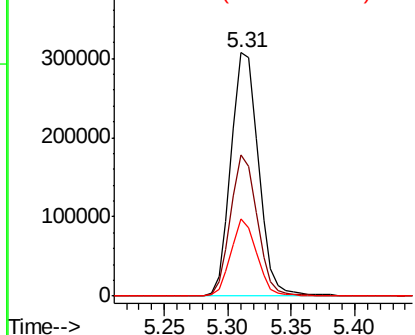


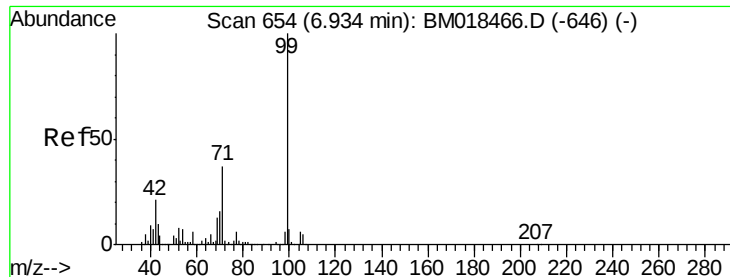
Abundance

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: 23.521 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018679.D

Acq: 29 Jan 2019 16:09

Instrument :

BNA_M

ClientSampled :

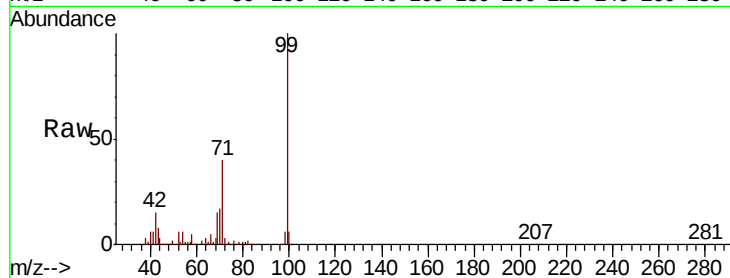
Tot Ion: 99 Resp: 348635

Ion Ratio Lower Upper

99 100

42 14.6 17.3 25.9#

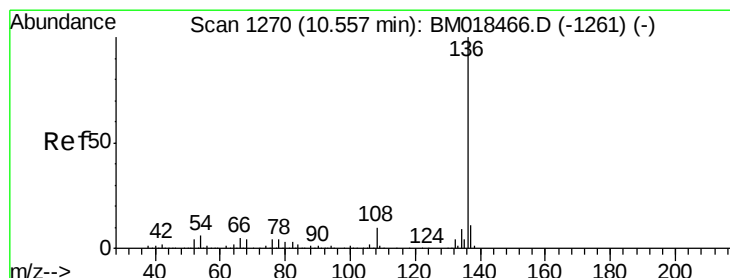
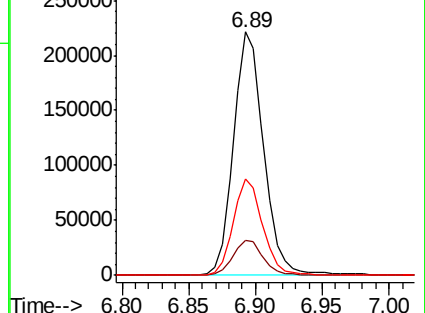
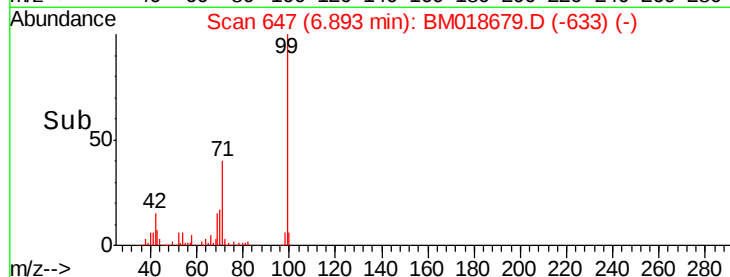
71 39.6 28.0 42.0



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BM018679.D

Acq: 29 Jan 2019 16:09

Tgt Ion: 136 Resp: 786277

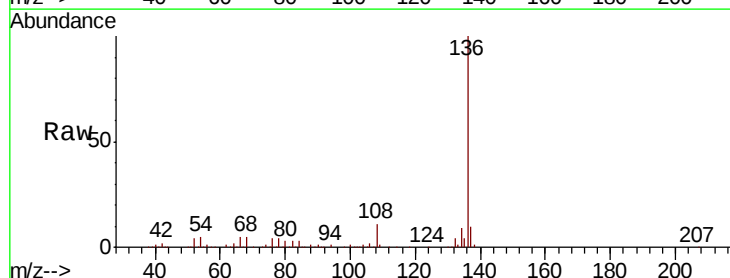
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 5.4 6.0 9.0#

68 5.2 4.5 6.7

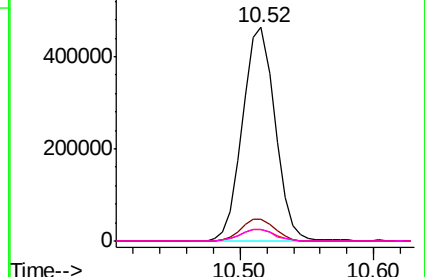
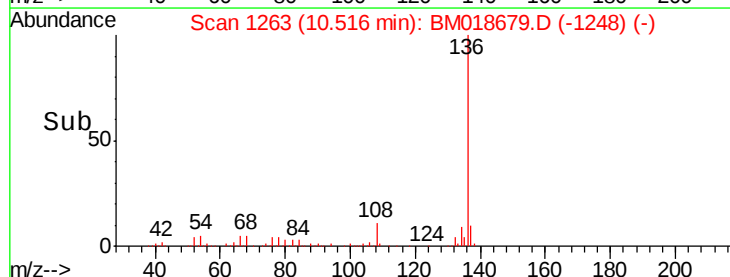


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

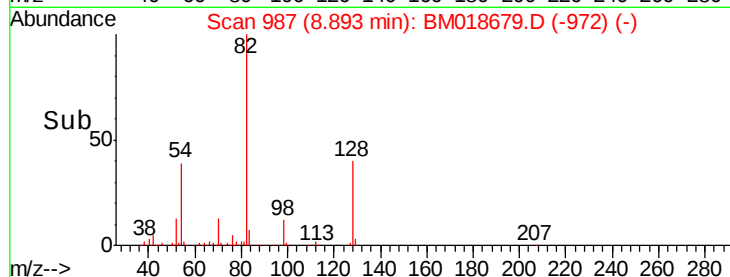
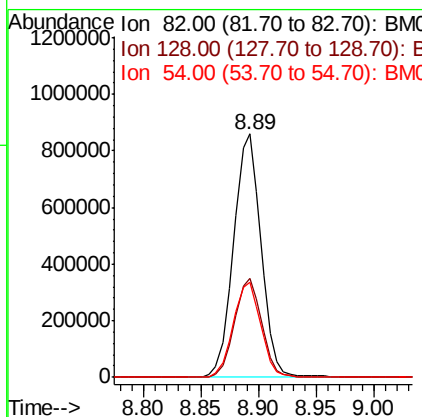
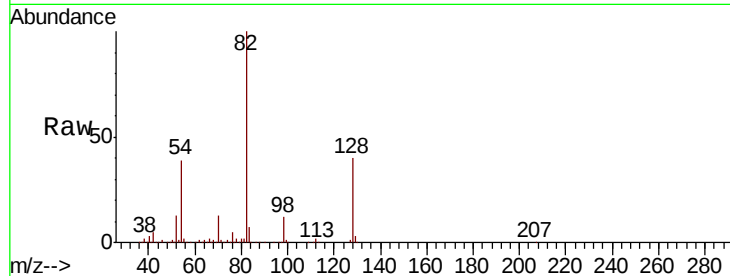




#23
 Nitrobenzene-d5
 Concen: 104.386 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018679.D
 Acq: 29 Jan 2019 16:09

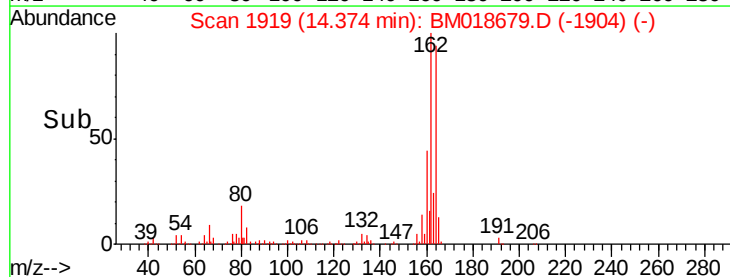
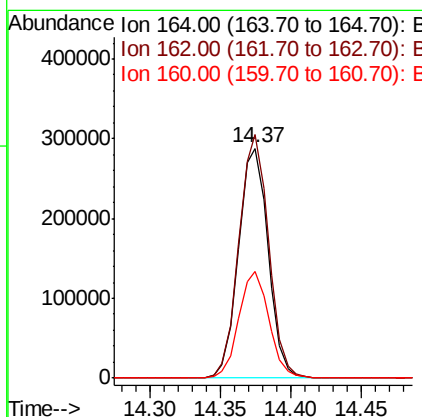
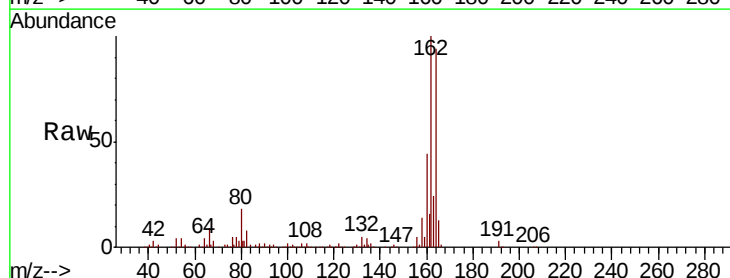
Instrument :
 BNA_M
 ClientSampled :

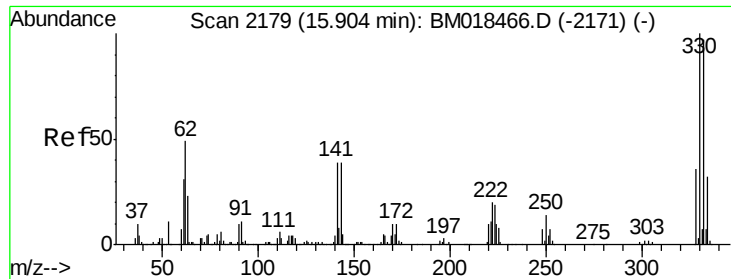
Tot Ion: 82 Resp: 1415822
 Ion Ratio Lower Upper
 82 100
 128 40.4 36.3 54.5
 54 39.0 41.7 62.5#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BM018679.D
 Acq: 29 Jan 2019 16:09

Tgt Ion: 164 Resp: 423370
 Ion Ratio Lower Upper
 164 100
 162 106.1 83.0 124.4
 160 46.7 37.1 55.7

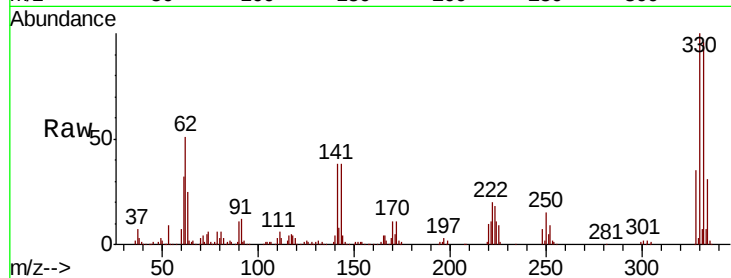




#42
 2,4,6-Tribromophenol
 Concen: 91.702 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM018679.D
 Acq: 29 Jan 2019 16:09

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.6	116.4
141	38.8	31.7	47.5

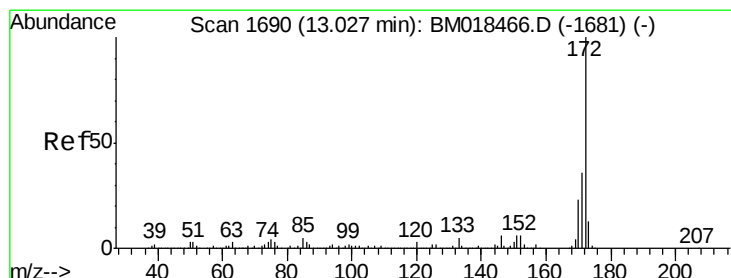
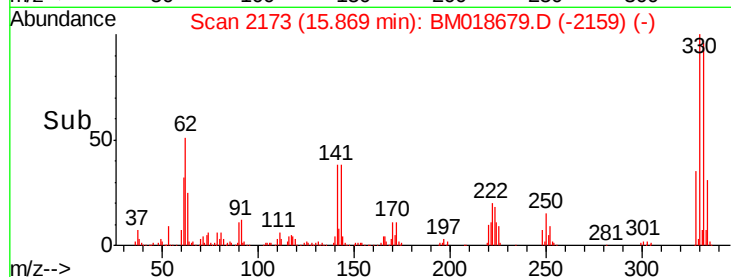
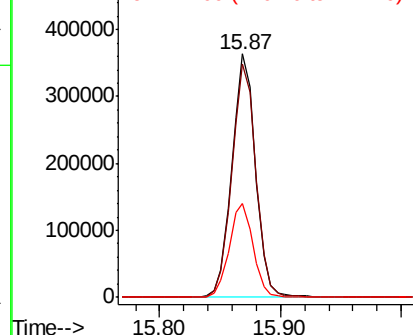


Abundance

Ion 329.80 (329.50 to 330.50): E

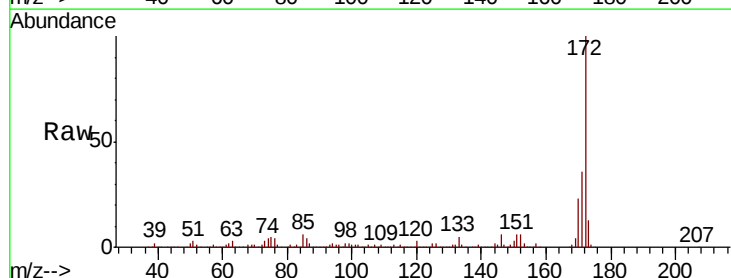
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.104 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM018679.D
 Acq: 29 Jan 2019 16:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	23.0	18.9	28.3

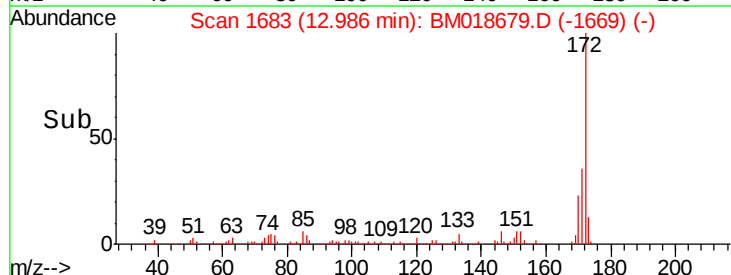
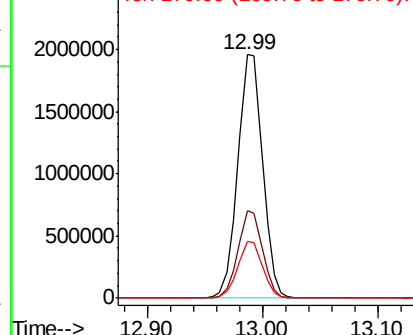


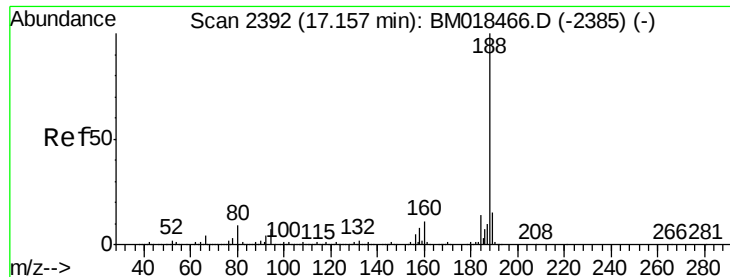
Abundance

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

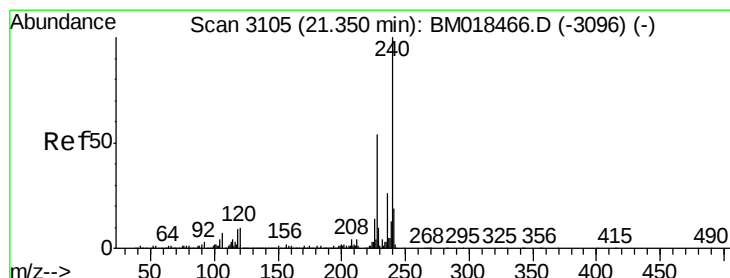
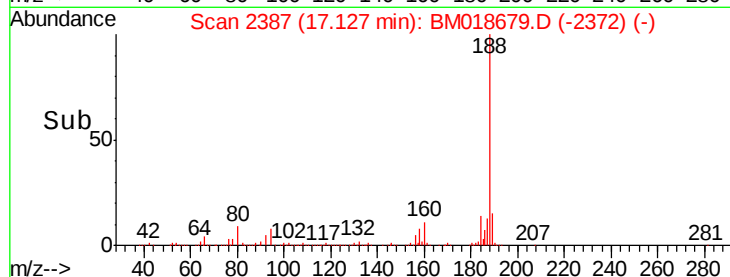
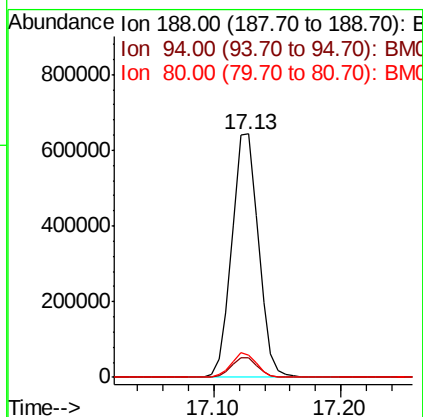
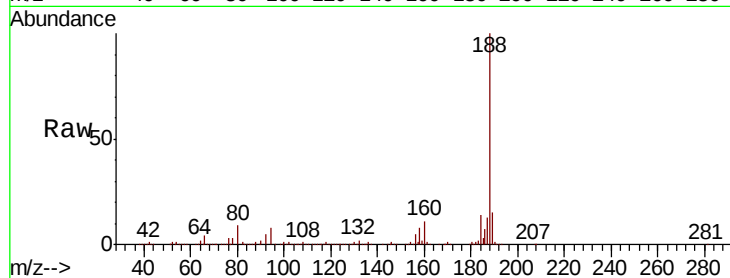




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018679.D
Acq: 29 Jan 2019 16:09

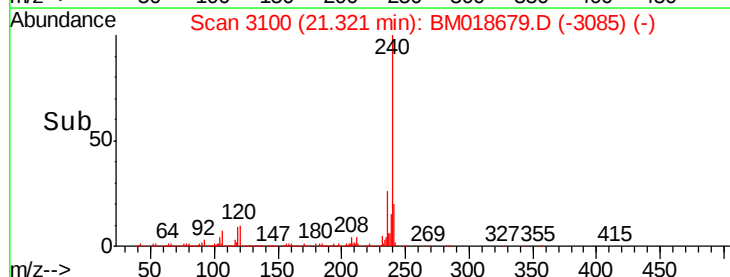
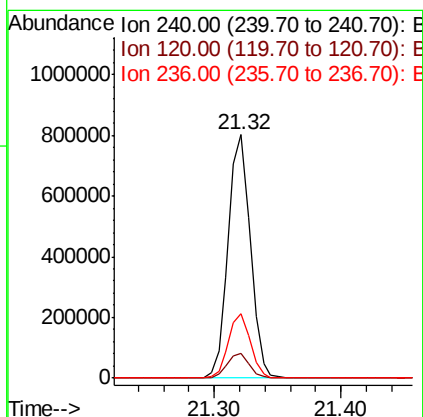
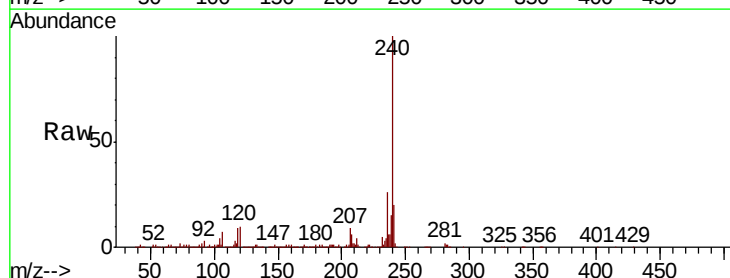
Instrument :
BNA_M
ClientSampleId :

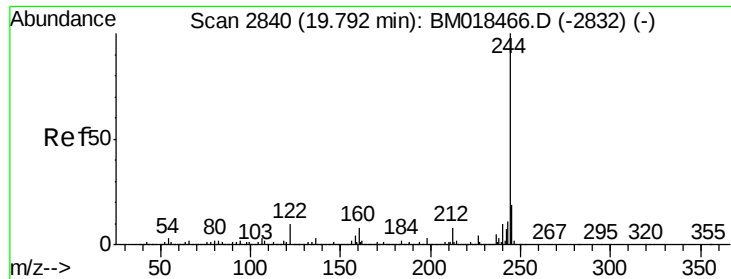
Tot Ion:188 Resp: 930550
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018679.D
Acq: 29 Jan 2019 16:09

Tgt Ion:240 Resp: 975272
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.5 20.7 31.1

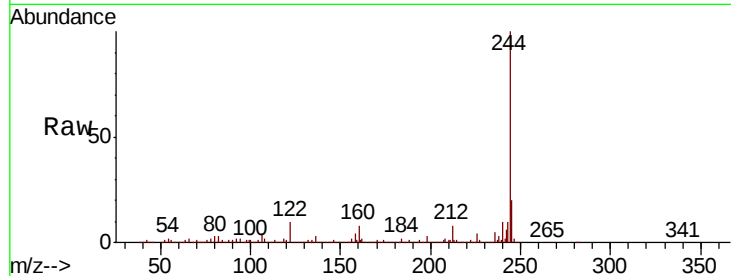




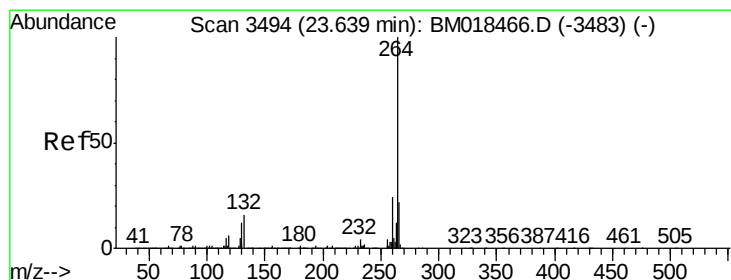
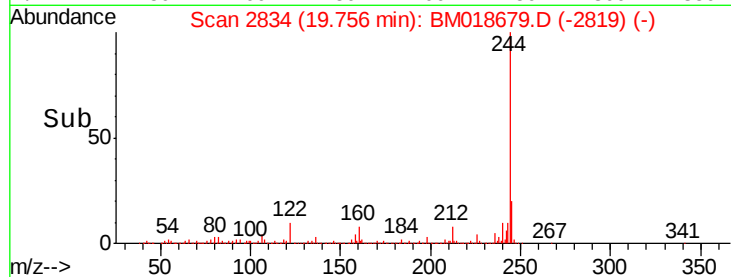
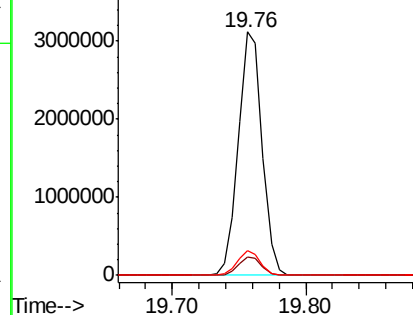
#79
 Terphenyl-d14
 Concen: 83.891 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM018679.D
 Acq: 29 Jan 2019 16:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3881177
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.4 9.0 13.4

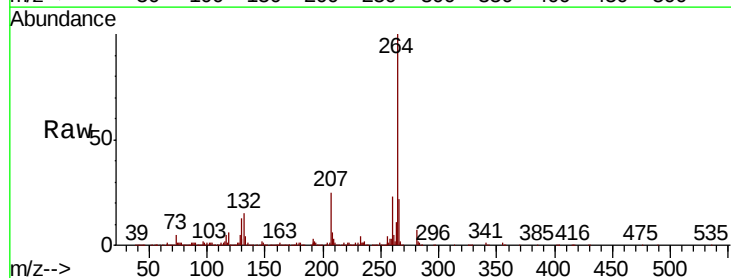


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.59 min Scan# 3485
 Delta R.T. -0.02 min
 Lab File: BM018679.D
 Acq: 29 Jan 2019 16:09

Tgt Ion:264 Resp: 1003543
 Ion Ratio Lower Upper
 264 100
 260 23.1 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

