

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
 Data File : BM018683.D
 Acq On : 29 Jan 2019 18:35
 Operator : JU/SJ
 Sample : PB116697TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 00:10:41 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	254502	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	942424	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	497507	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1021814	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	829547	20.00	ng	-0.01
87) Perylene-d12	23.59	264	761510	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1833072	133.00	ng	-0.01
7) Phenol-d6	6.90	99	2329771	133.08	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1462299	89.95	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	743106	117.31	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3188363	83.62	ng	-0.01
79) Terphenyl-d14	19.76	244	3634961	92.37	ng	-0.01

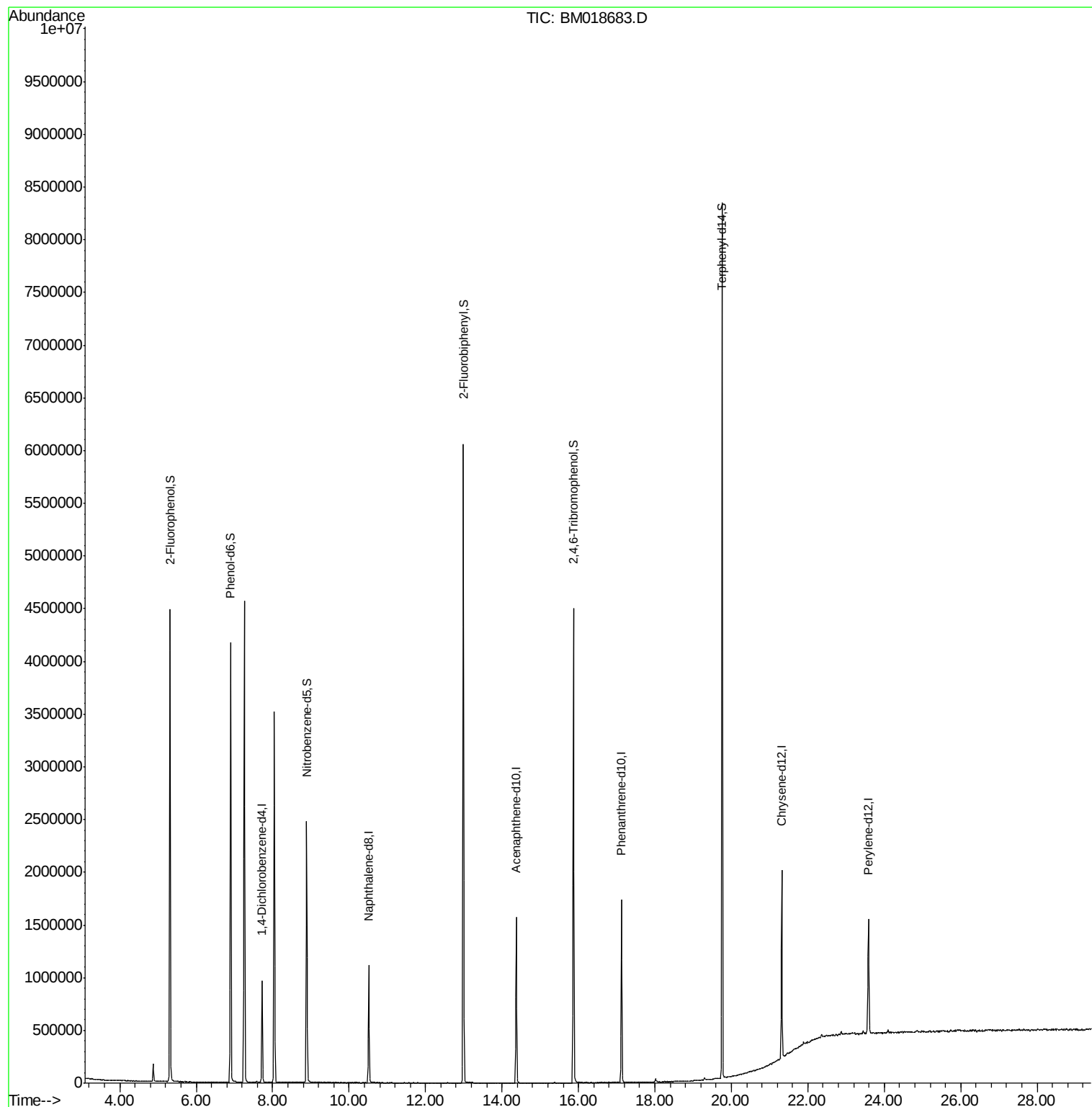
Target Compounds Qvalue

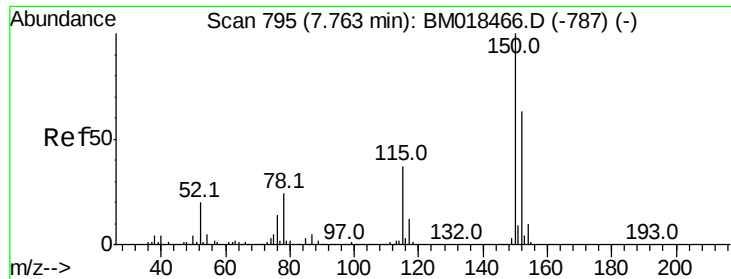
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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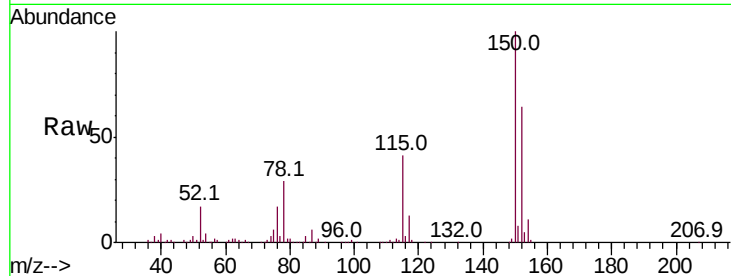


#1

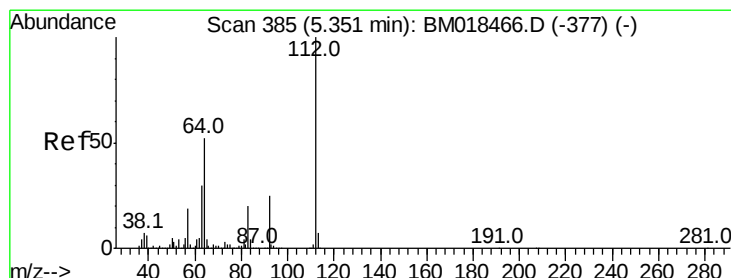
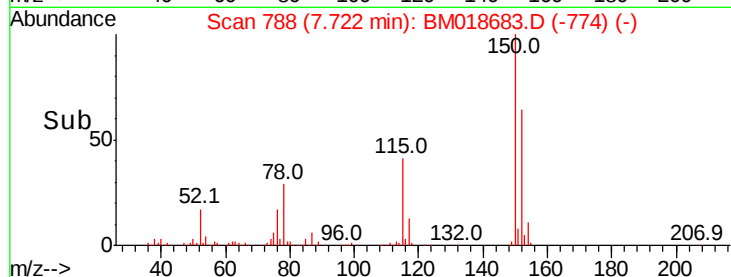
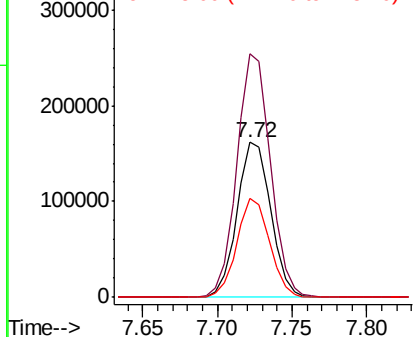
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018683.D
Acq: 29 Jan 2019 18:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 254502
Ion Ratio Lower Upper
152 100
150 157.1 126.9 190.3
115 64.0 45.5 68.3



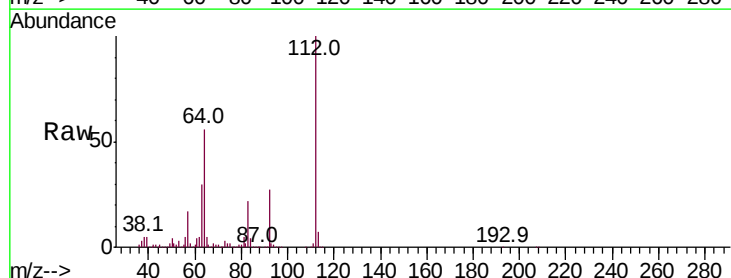
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



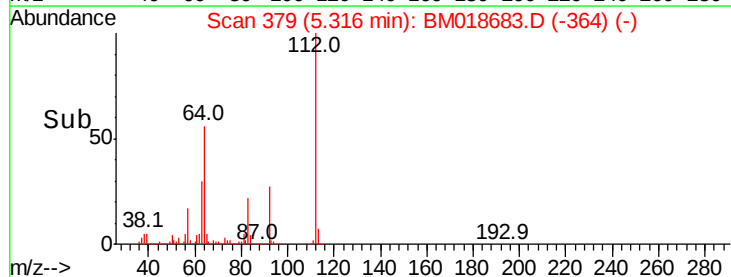
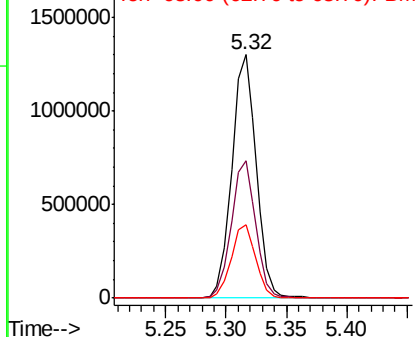
#5

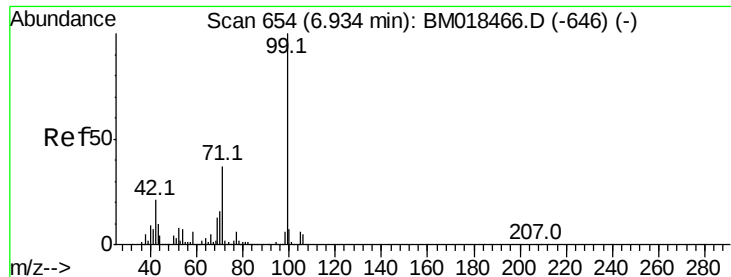
2-Fluorophenol
Concen: 132.995 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018683.D
Acq: 29 Jan 2019 18:35

Tgt Ion:112 Resp: 1833072
Ion Ratio Lower Upper
112 100
64 56.2 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: 133.084 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018683.D

Acq: 29 Jan 2019 18:35

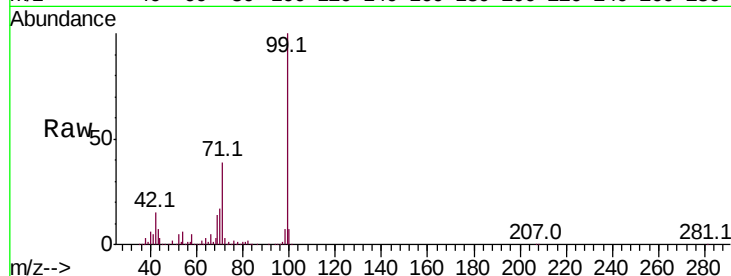
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2329771

Ion	Ratio	Lower	Upper
99	100		
42	14.8	17.3	25.9#
71	39.3	28.0	42.0

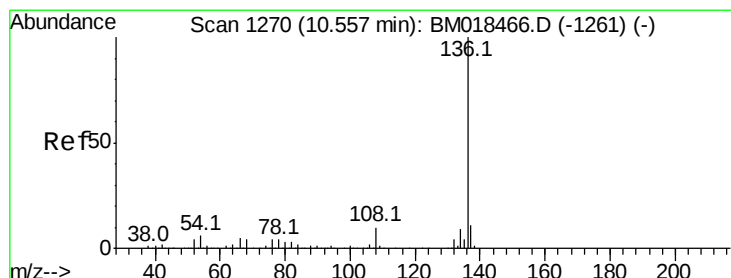
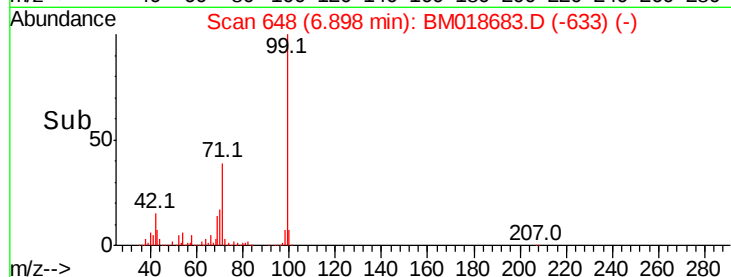
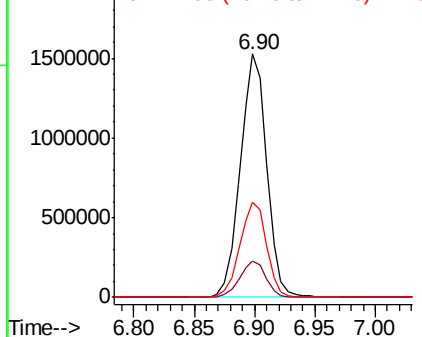


Abundance

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

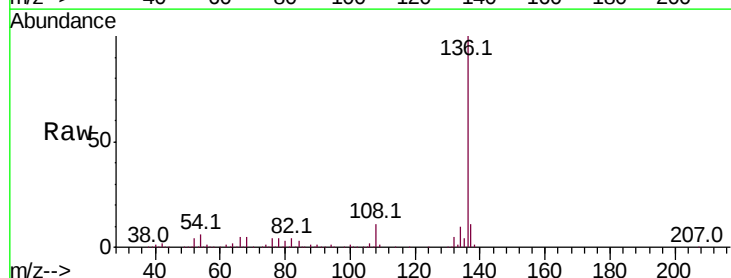
Delta R.T. -0.01 min

Lab File: BM018683.D

Acq: 29 Jan 2019 18:35

Tgt Ion: 136 Resp: 942424

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.1	6.0	9.0
68	5.1	4.5	6.7



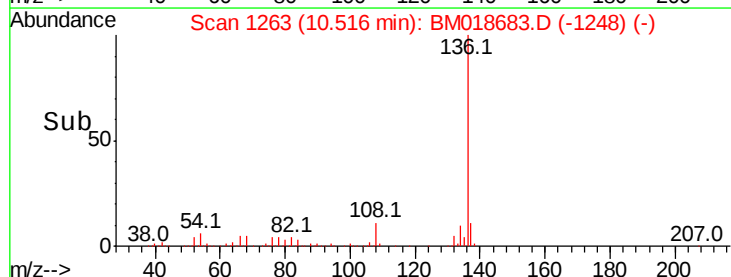
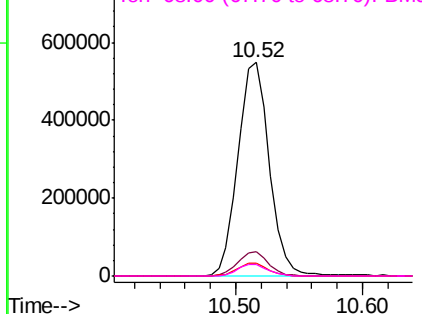
Abundance

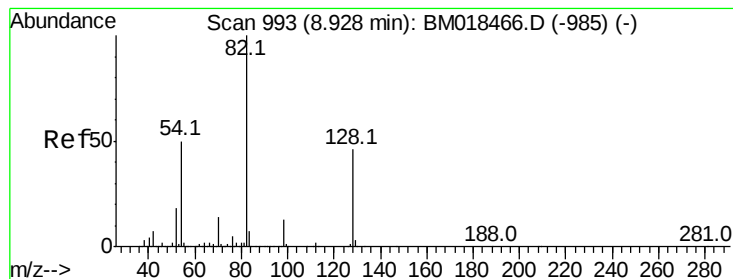
Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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: 89.950 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BM018683.D

Acq: 29 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

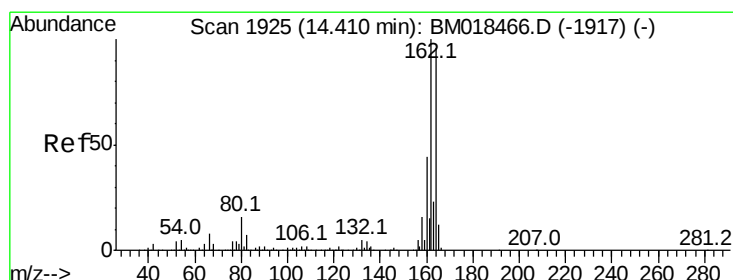
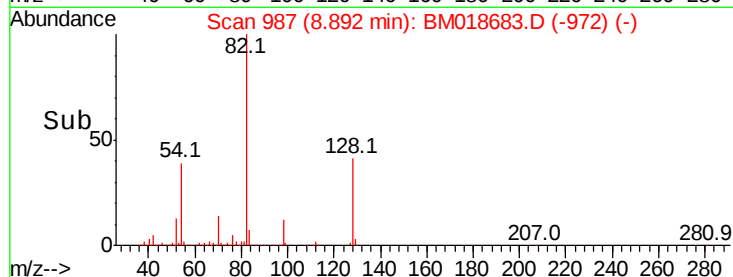
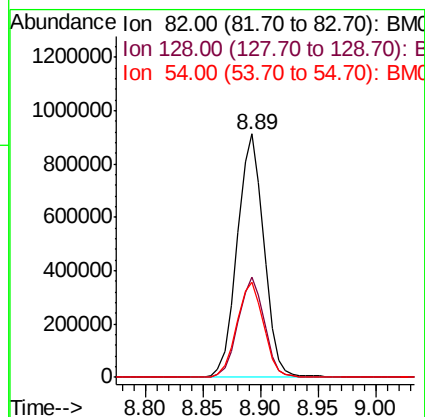
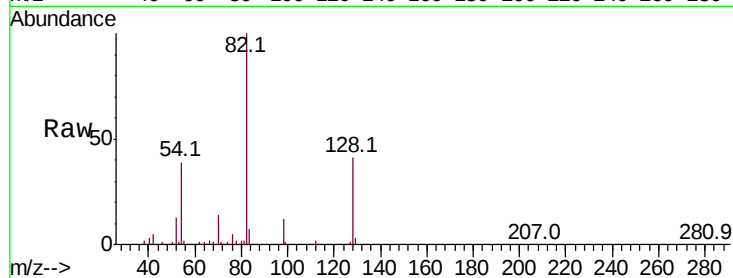
Tot Ion: 82 Resp: 1462299

Ion Ratio Lower Upper

82 100

128 41.0 36.3 54.5

54 38.9 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: BM018683.D

Acq: 29 Jan 2019 18:35

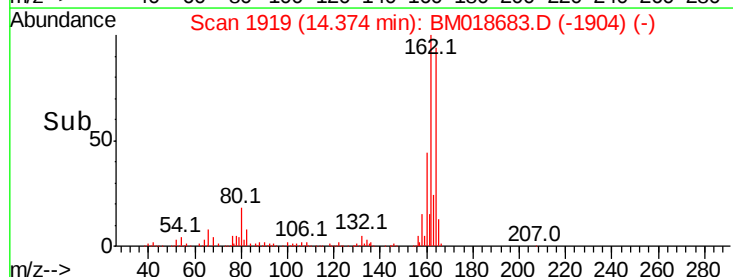
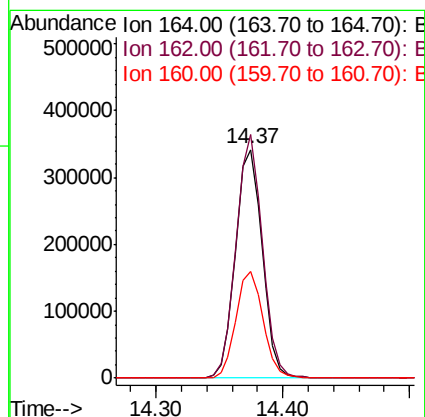
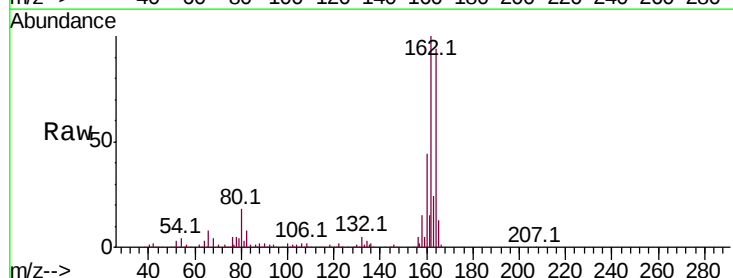
Tgt Ion:164 Resp: 497507

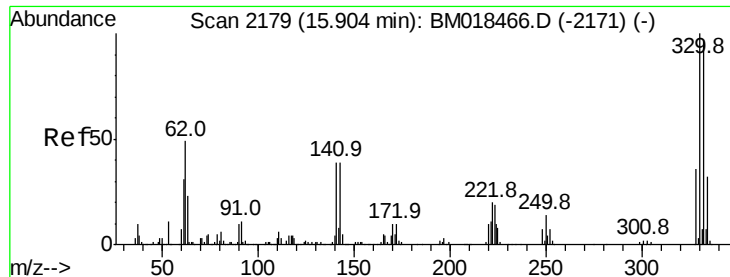
Ion Ratio Lower Upper

164 100

162 106.5 83.0 124.4

160 46.9 37.1 55.7

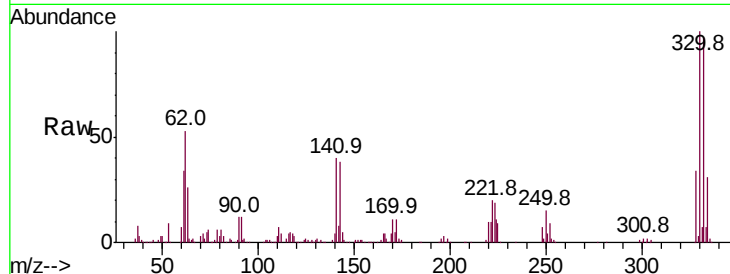




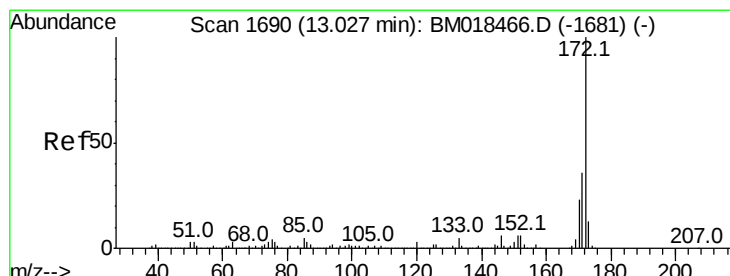
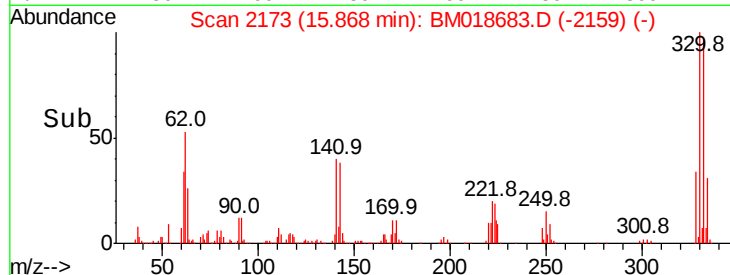
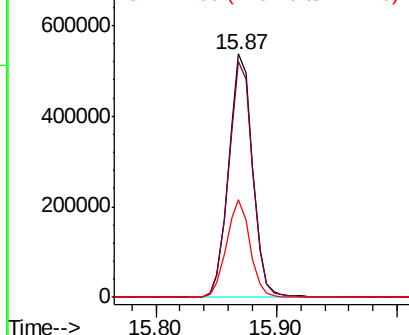
#42
 2,4,6-Tribromophenol
 Concen: 117.308 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM018683.D
 Acq: 29 Jan 2019 18:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	39.5	31.7	47.5

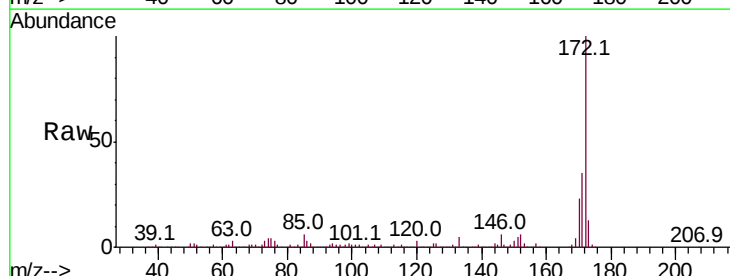


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

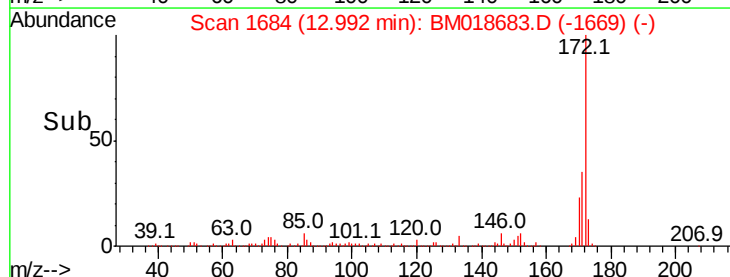
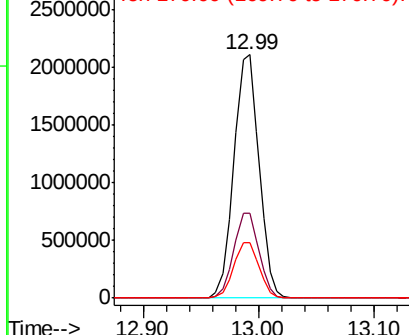


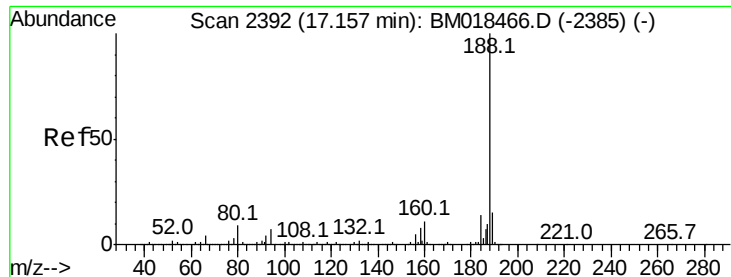
#45
 2-Fluorobiphenyl
 Concen: 83.624 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM018683.D
 Acq: 29 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	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

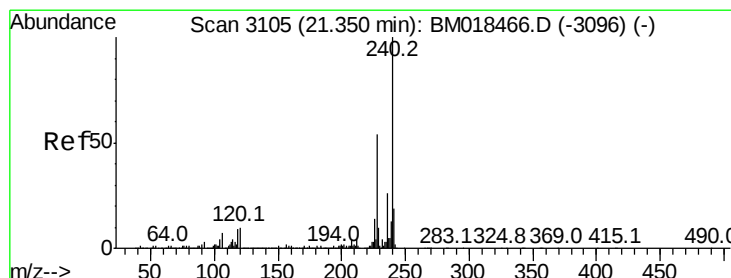
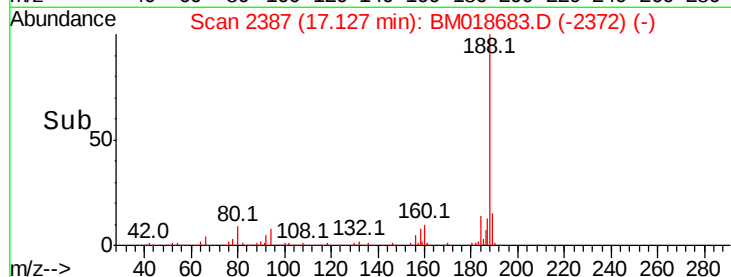
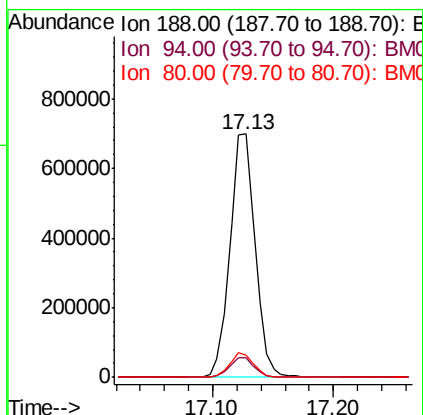
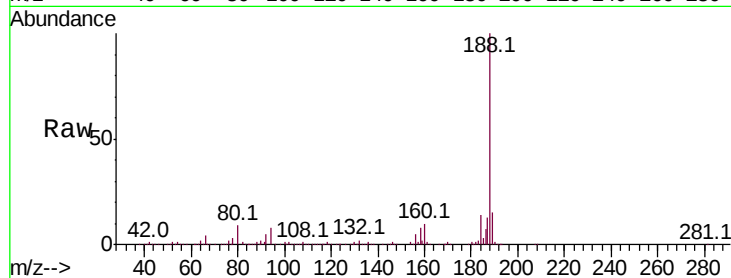




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018683.D
Acq: 29 Jan 2019 18:35

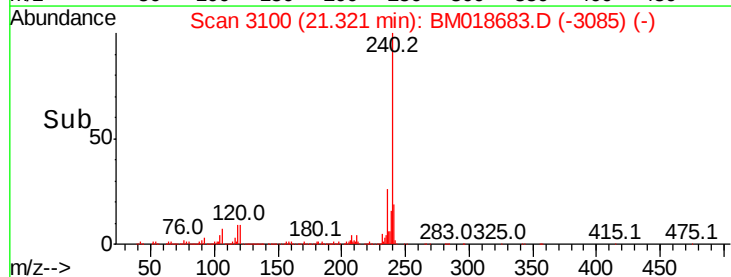
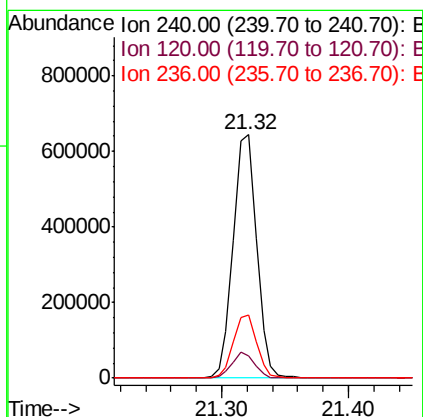
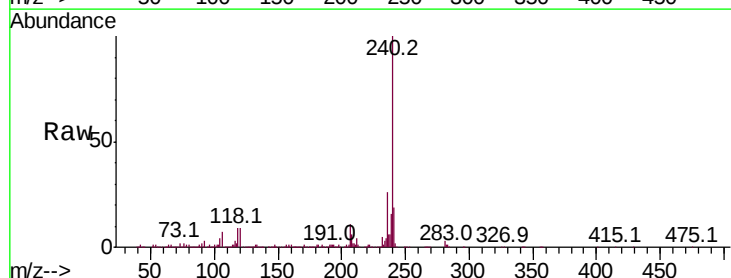
Instrument :
BNA_M
ClientSampleId :

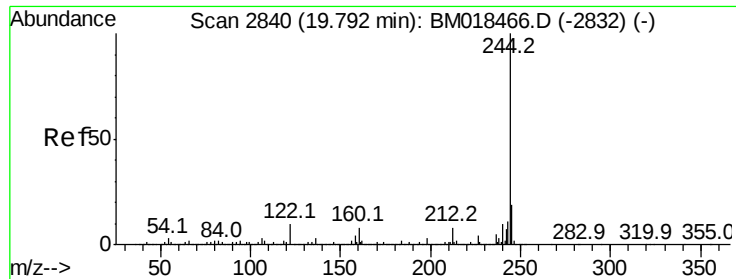
Tot Ion:188 Resp: 1021814
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 9.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018683.D
Acq: 29 Jan 2019 18:35

Tgt Ion:240 Resp: 829547
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.9 20.7 31.1



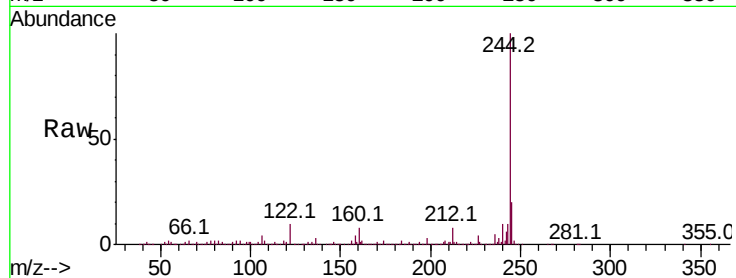


#79
 Terphenyl-d14
 Concen: 92.371 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM018683.D
 Acq: 29 Jan 2019 18:35

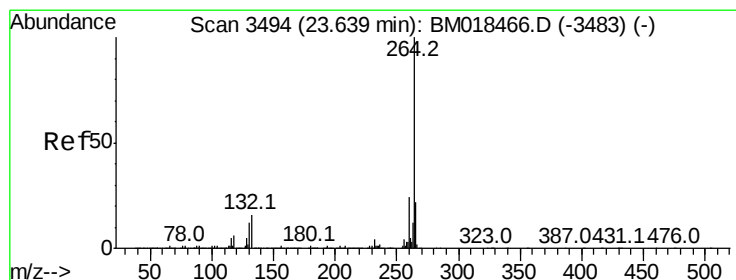
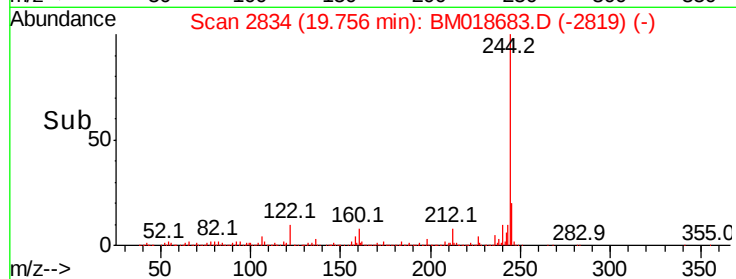
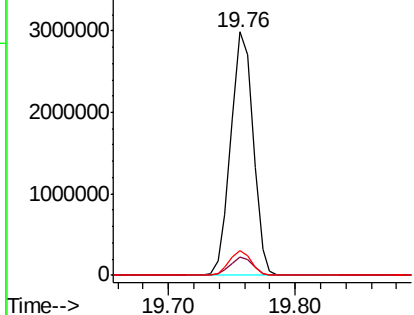
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3634961

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	10.1	9.0	13.4



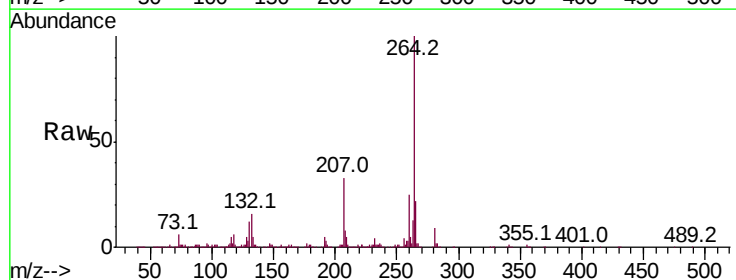
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.59 min Scan# 3485
 Delta R.T. -0.02 min
 Lab File: BM018683.D
 Acq: 29 Jan 2019 18:35

Tgt Ion:264 Resp: 761510

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	22.0	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

