

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
 Data File : BM018682.D
 Acq On : 29 Jan 2019 17:58
 Operator : JU/SJ
 Sample : PB116697BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 00:10:33 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	248218	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	899232	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	464419	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	945473	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	791973	20.00	ng	-0.01
87) Perylene-d12	23.59	264	756626	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2075053	154.36	ng	-0.01
7) Phenol-d6	6.90	99	2633674	154.25	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1672238	107.80	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	827830	139.99	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3562388	100.09	ng	-0.01
79) Terphenyl-d14	19.76	244	4045167	107.67	ng	-0.01

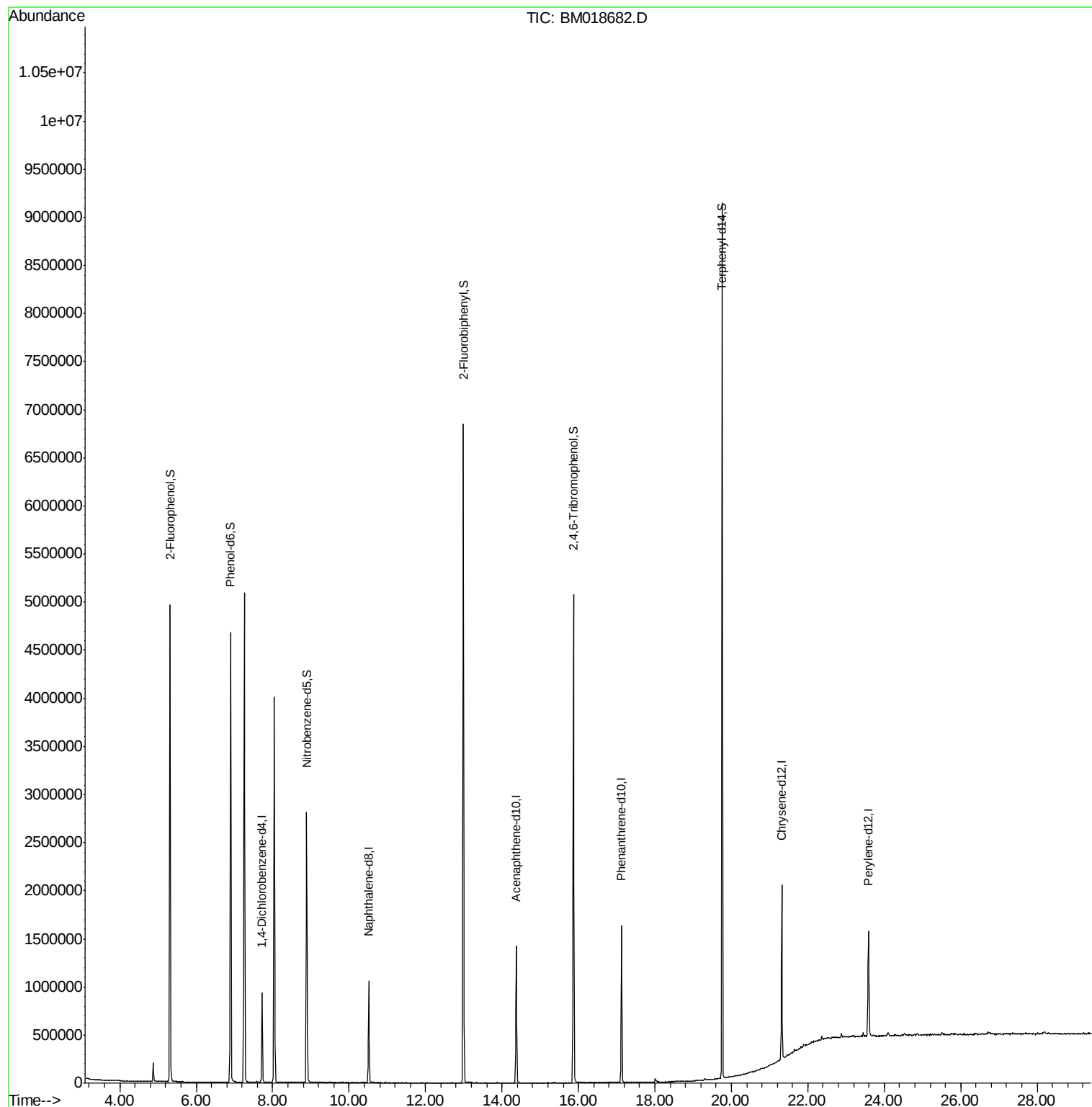
Target Compounds Qvalue

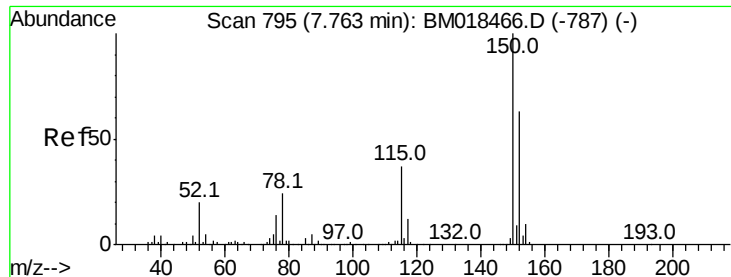
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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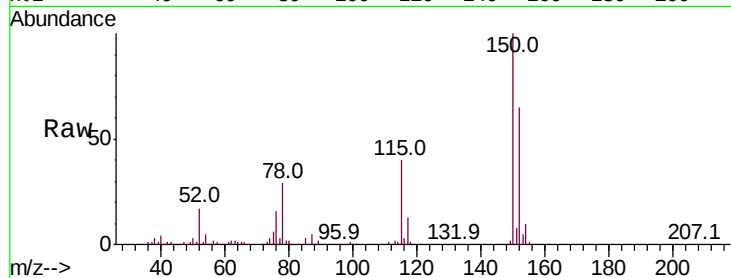


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018682.D
Acq: 29 Jan 2019 17:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.9	190.3
115	61.2	45.5	68.3

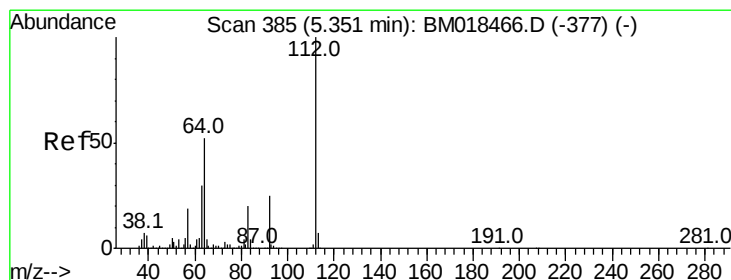
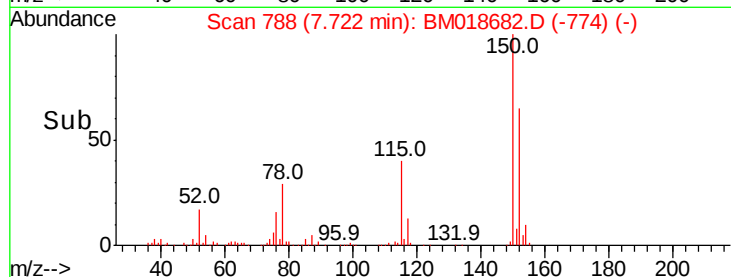
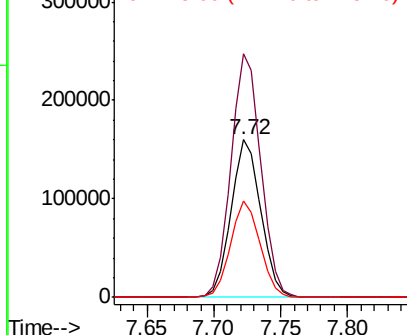


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

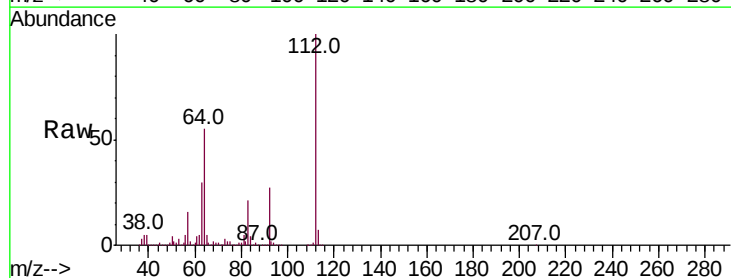
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 154.363 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018682.D
Acq: 29 Jan 2019 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.5	69.7
63	29.8	25.2	37.8

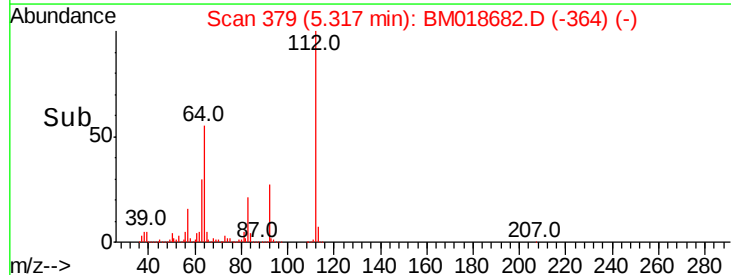
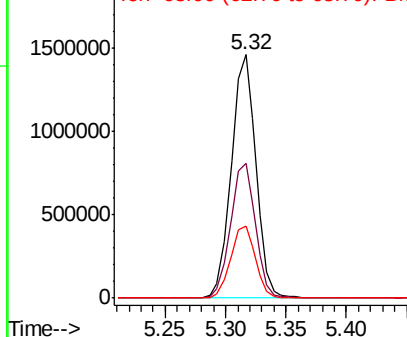


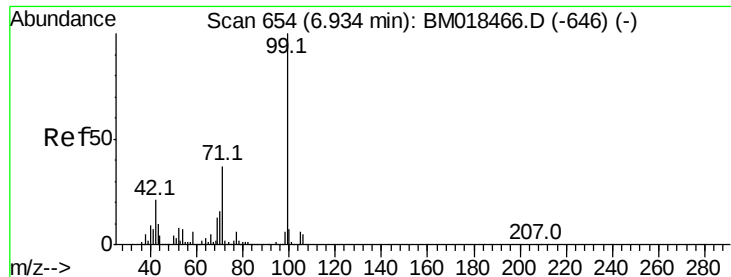
Abundance

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: 154.252 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018682.D

Acq: 29 Jan 2019 17:58

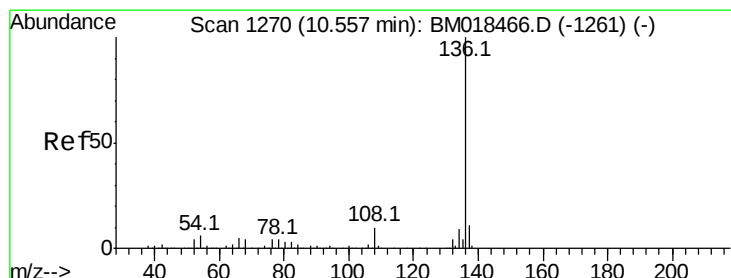
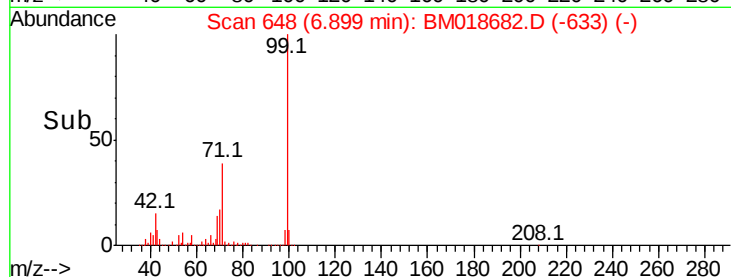
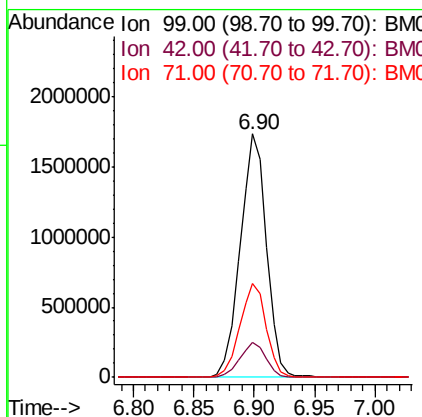
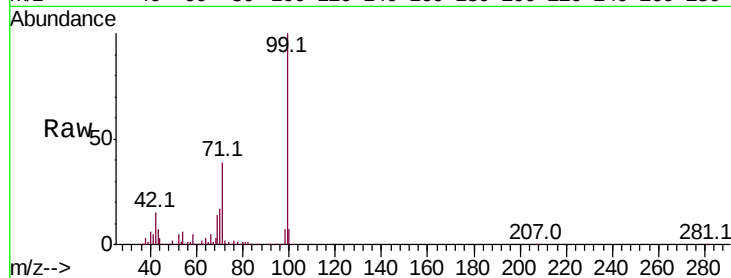
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2633674

Ion	Ratio	Lower	Upper
99	100		
42	14.6	17.3	25.9#
71	38.7	28.0	42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.52 min Scan# 1263

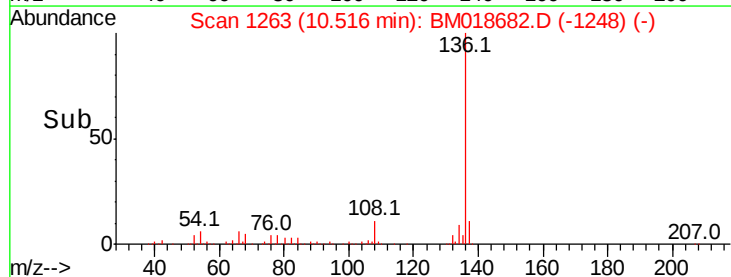
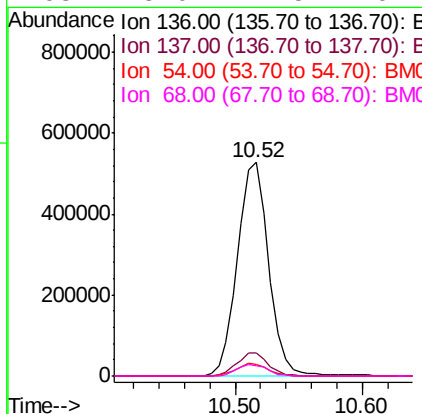
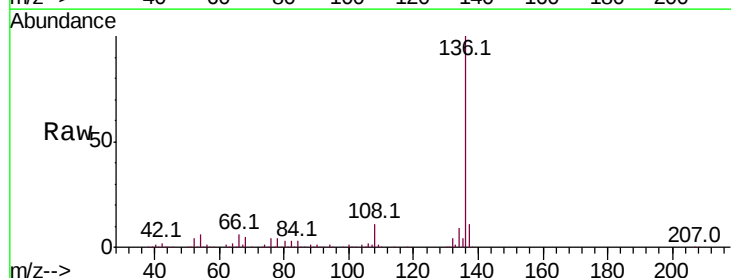
Delta R.T. -0.01 min

Lab File: BM018682.D

Acq: 29 Jan 2019 17:58

Tgt Ion: 136 Resp: 899232

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	5.6	6.0	9.0#
68	5.0	4.5	6.7

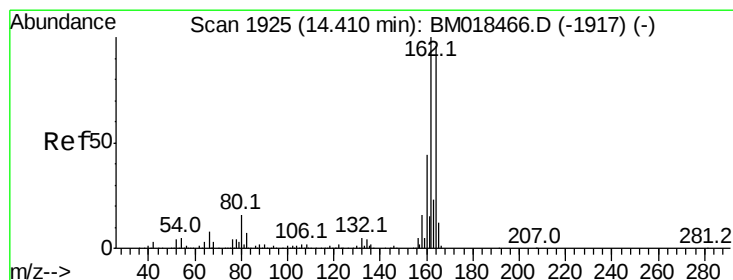
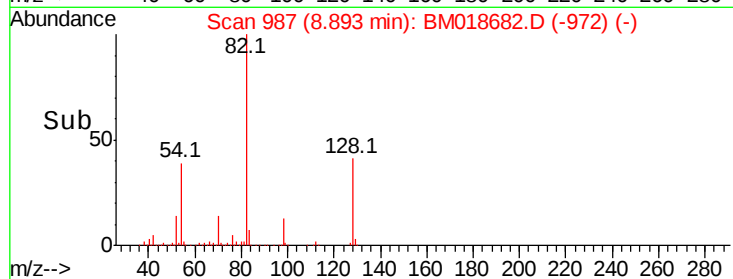
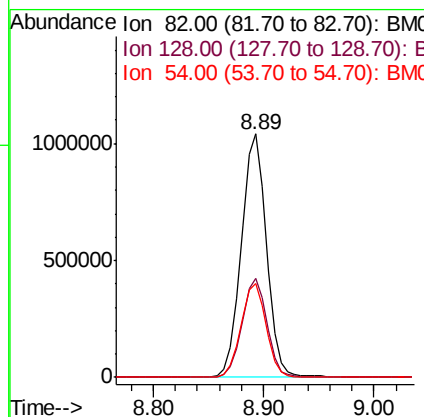
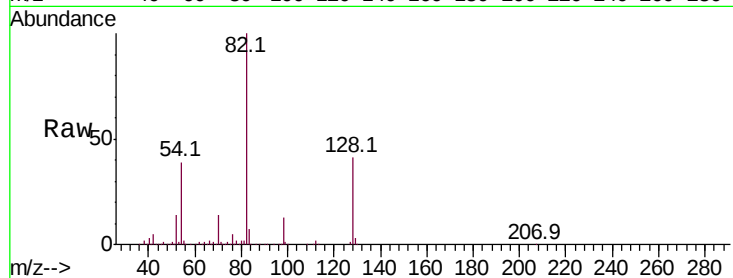




#23
Nitrobenzene-d5
Concen: 107.804 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018682.D
Acq: 29 Jan 2019 17:58

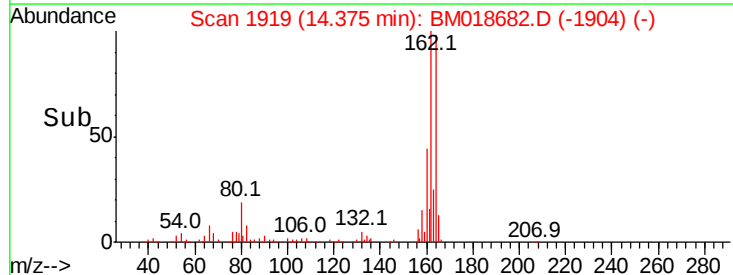
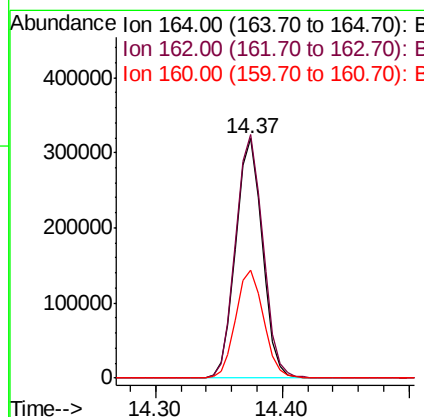
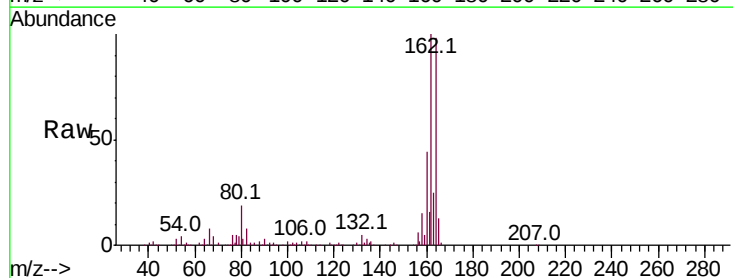
Instrument :
BNA_M
ClientSampled :

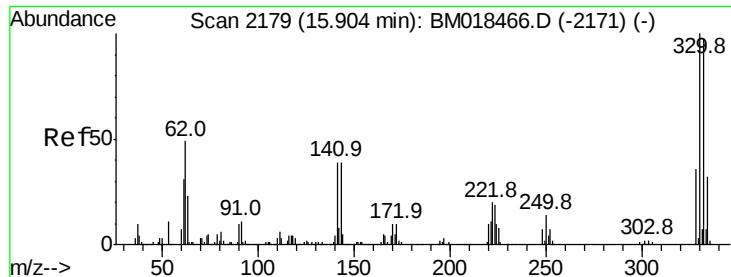
Tot Ion: 82 Resp: 1672238
Ion Ratio Lower Upper
82 100
128 40.8 36.3 54.5
54 38.5 41.7 62.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018682.D
Acq: 29 Jan 2019 17:58

Tgt Ion:164 Resp: 464419
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.4
160 44.8 37.1 55.7

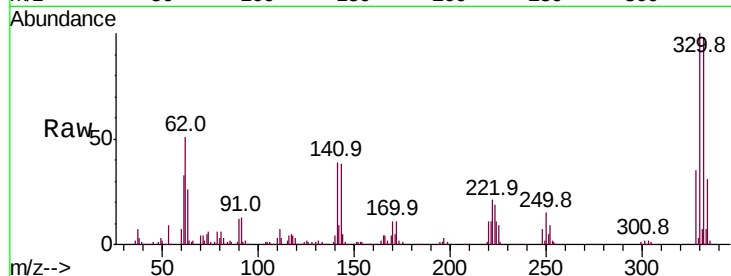




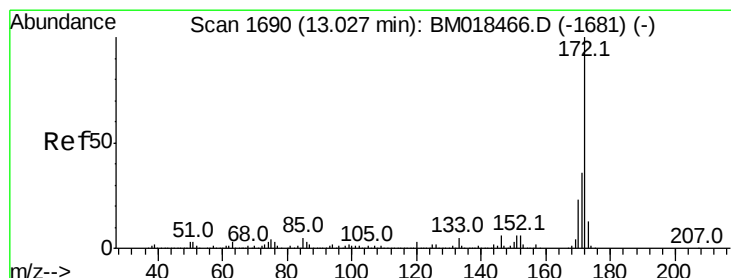
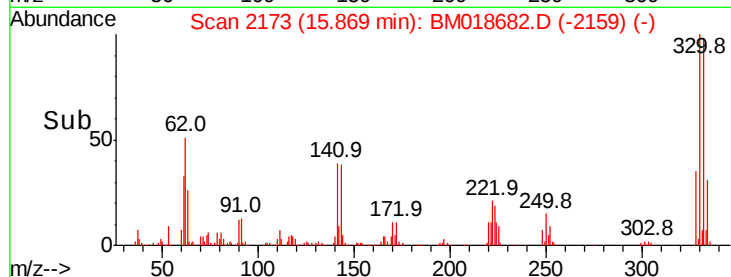
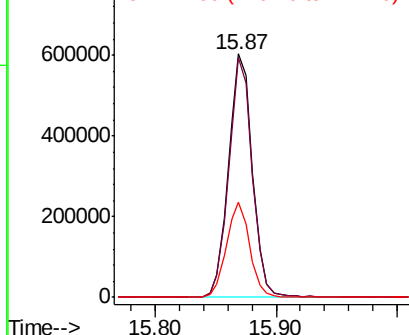
#42
 2,4,6-Tribromophenol
 Concen: 139.993 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM018682.D
 Acq: 29 Jan 2019 17:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	38.2	31.7	47.5

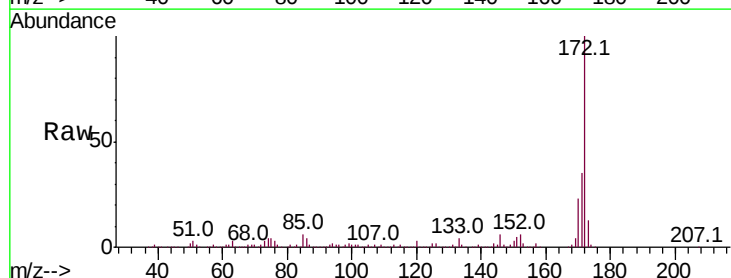


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

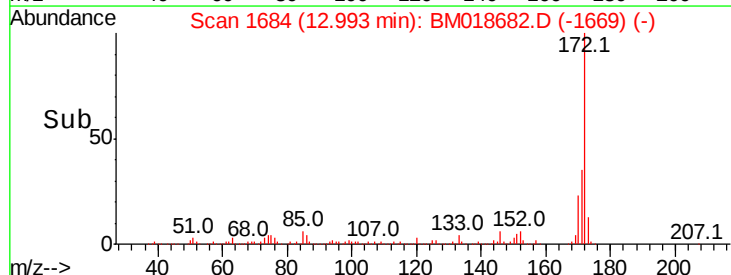
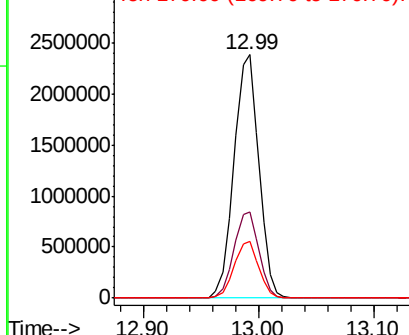


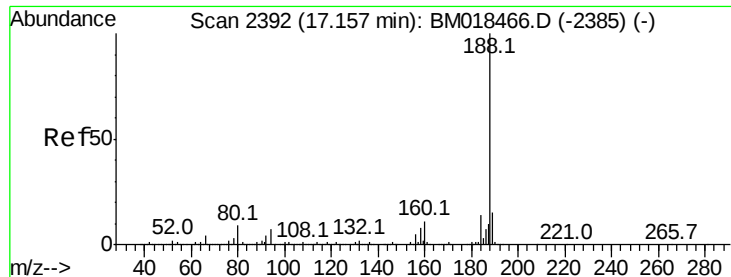
#45
 2-Fluorobiphenyl
 Concen: 100.091 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM018682.D
 Acq: 29 Jan 2019 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.2	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

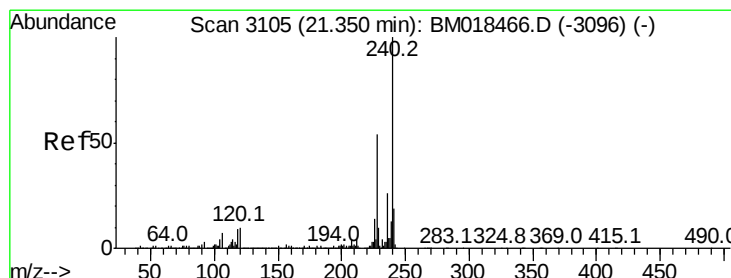
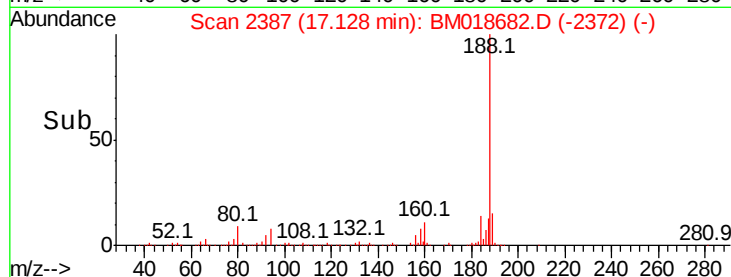
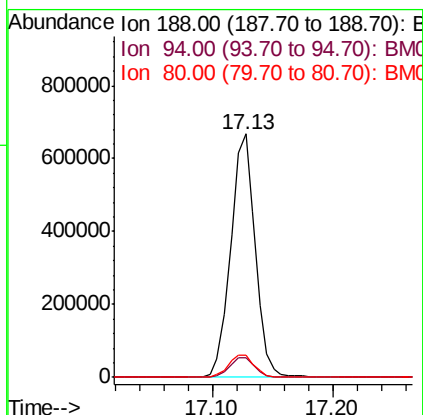
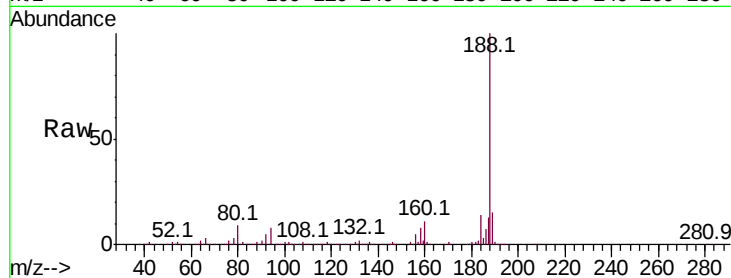




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018682.D
Acq: 29 Jan 2019 17:58

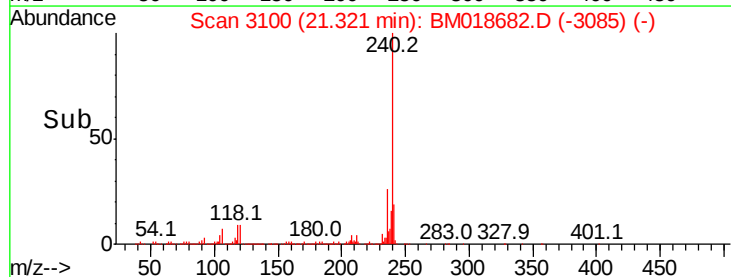
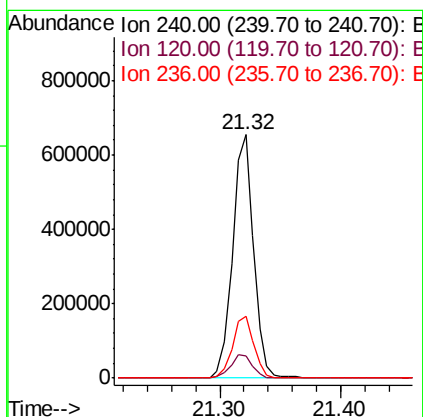
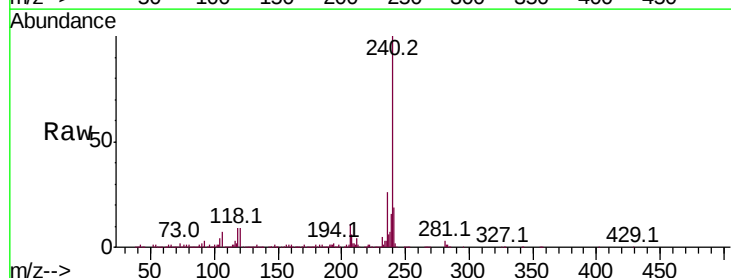
Instrument :
BNA_M
ClientSampleId :

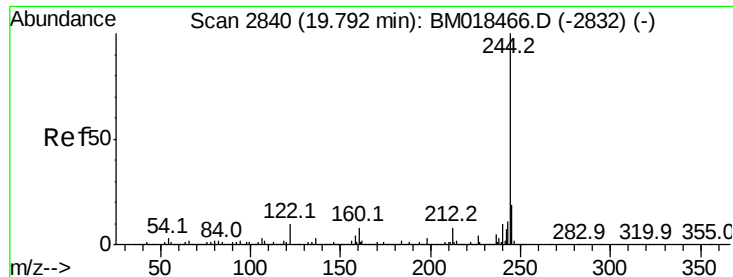
Tot Ion:188 Resp: 945473
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018682.D
Acq: 29 Jan 2019 17:58

Tgt Ion:240 Resp: 791973
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.7 20.7 31.1



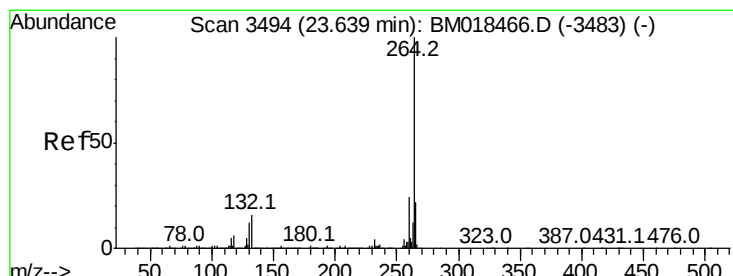
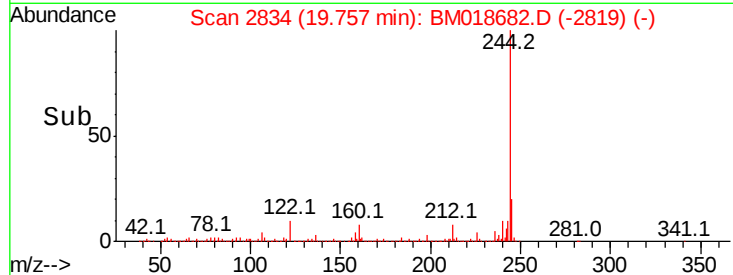
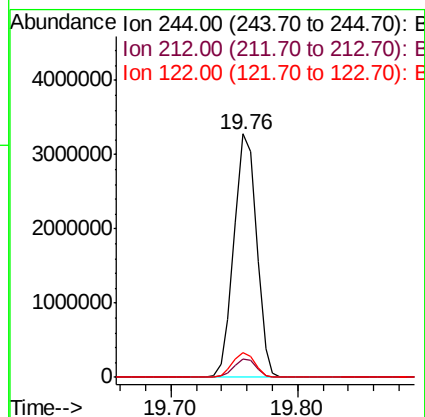
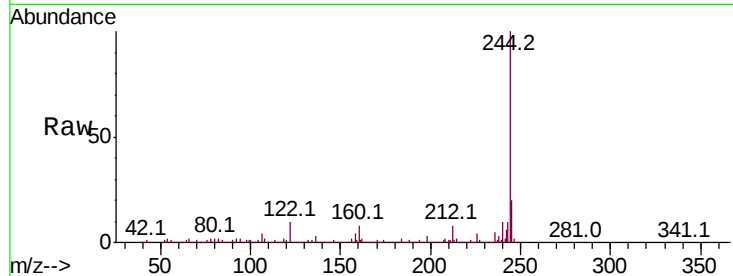


#79
 Terphenyl-d14
 Concen: 107.672 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM018682.D
 Acq: 29 Jan 2019 17:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 4045167

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.4	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.59 min Scan# 3485
 Delta R.T. -0.02 min
 Lab File: BM018682.D
 Acq: 29 Jan 2019 17:58

Tgt Ion:264 Resp: 756626

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.5	16.8	25.2

