

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018500.D
 Acq On : 10 Jan 2019 08:45
 Operator : JU/SJ
 Sample : K1082-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-4

Quant Time: Jan 10 11:03:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	535903	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2203892	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1258960	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2720647	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2072574	20.00	ng	0.00
87) Perylene-d12	23.64	264	2024126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	3941609	135.81	ng	0.00
7) Phenol-d6	6.94	99	4611850	125.11	ng	0.00
23) Nitrobenzene-d5	8.93	82	3604065	94.80	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	2507189	156.41	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	9243388	95.80	ng	0.00
79) Terphenyl-d14	19.79	244	11533455	117.31	ng	0.00

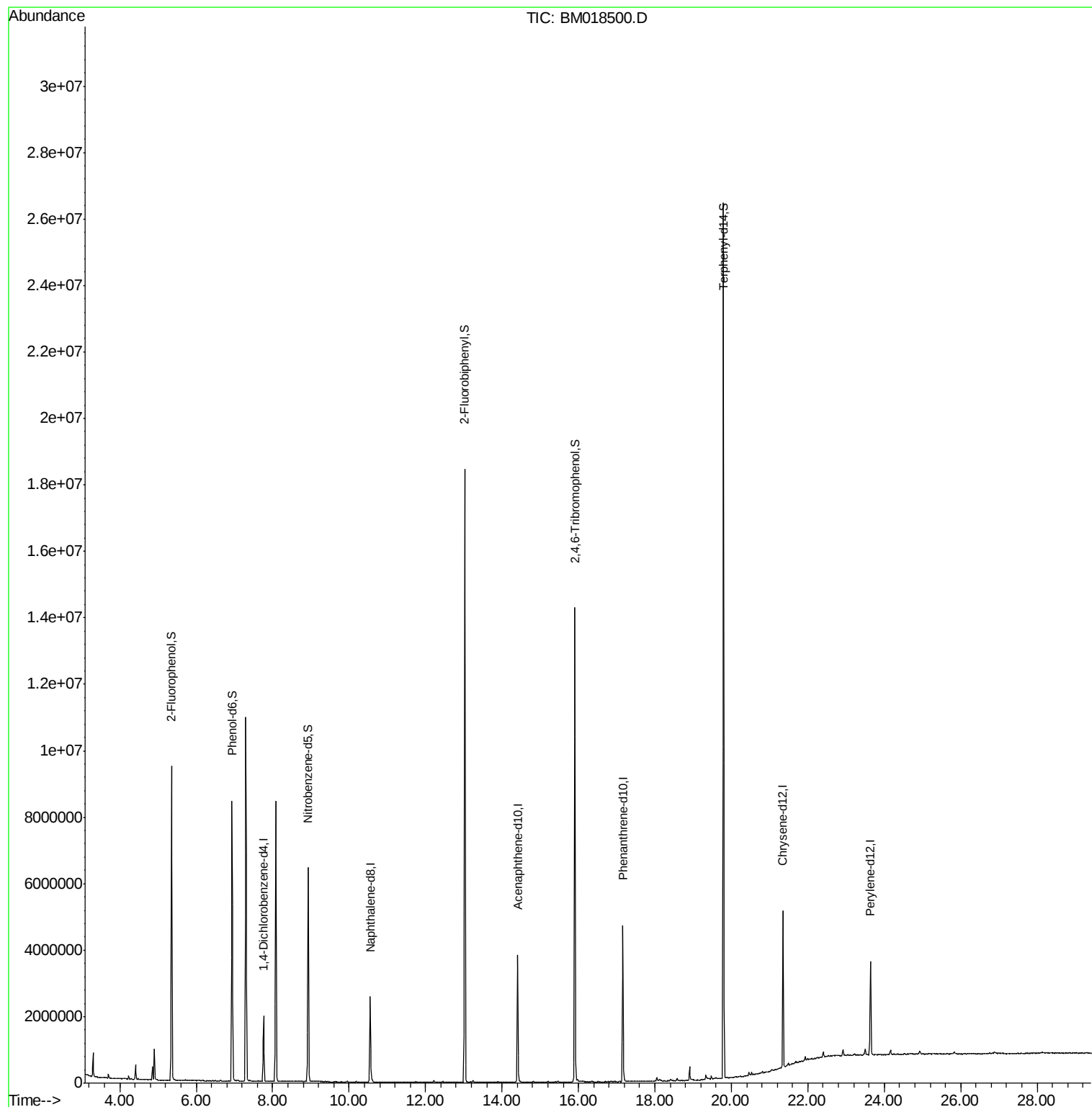
Target Compounds Qvalue

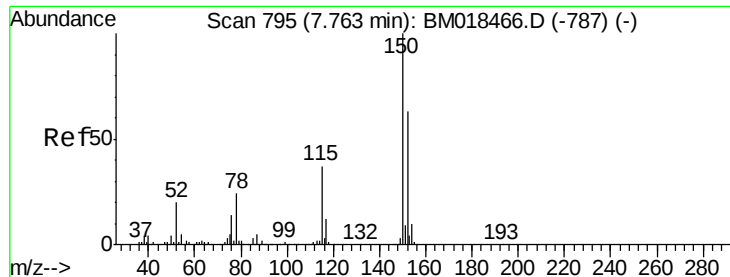
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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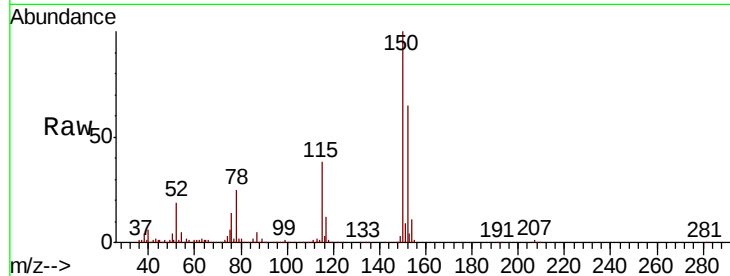


#1

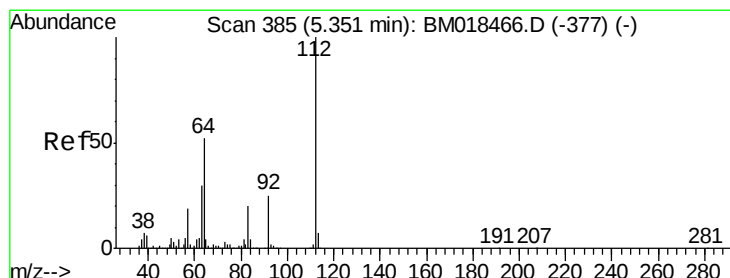
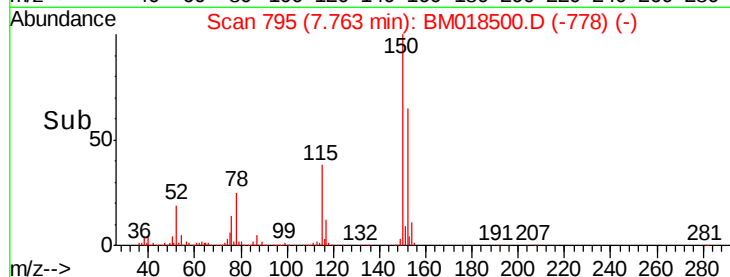
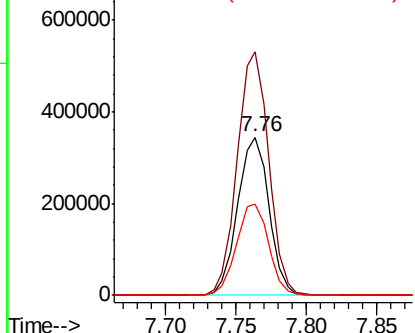
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018500.D
Acq: 10 Jan 2019 08:45

Instrument :
BNA_M
ClientSampleId :
SP-1-4

Tot Ion	152	Resp	535903
Ion Ratio	Lower	Upper	
152	100		
150	154.0	126.9	190.3
115	58.0	45.5	68.3



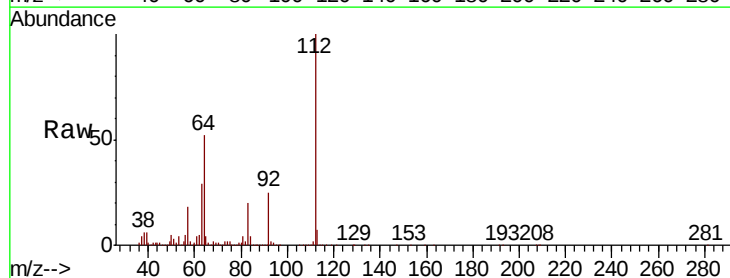
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



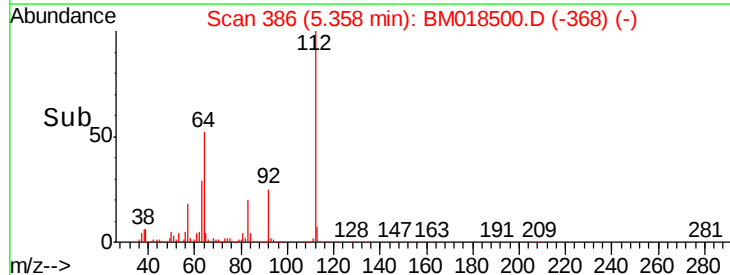
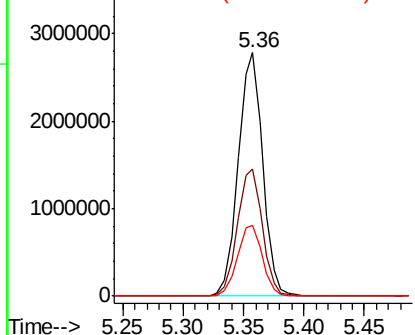
#5

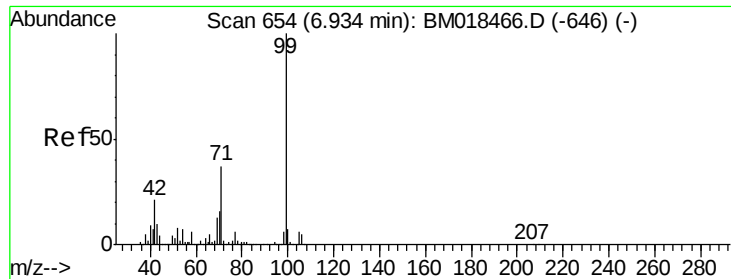
2-Fluorophenol
Concen: 135.811 ng
RT: 5.36 min Scan# 386
Delta R.T. 0.01 min
Lab File: BM018500.D
Acq: 10 Jan 2019 08:45

Tgt Ion	112	Resp	3941609
Ion Ratio	Lower	Upper	
112	100		
64	52.5	46.5	69.7
63	28.9	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: 125.110 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018500.D

Acq: 10 Jan 2019 08:45

Instrument :

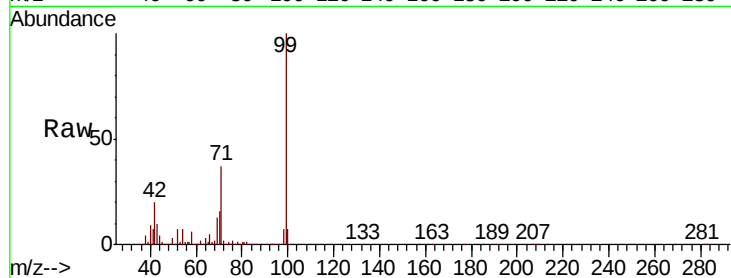
BNA_M

ClientSampleId :

SP-1-4

Tot Ion: 99 Resp: 4611850

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.3	25.9
71	36.7	28.0	42.0

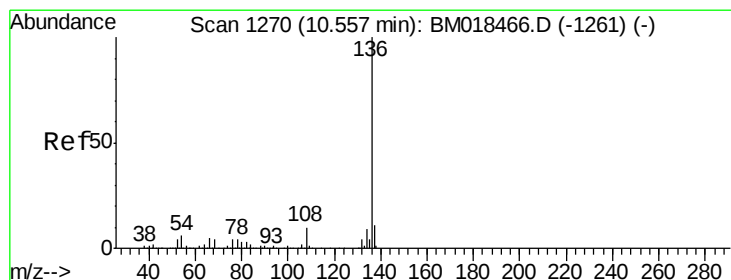
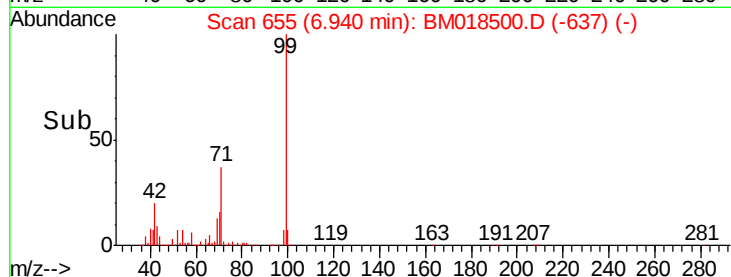
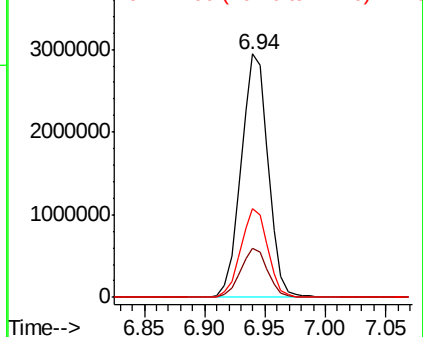


Abundance

Ion 99.00 (98.70 to 99.70): BM018500.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018500.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018500.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

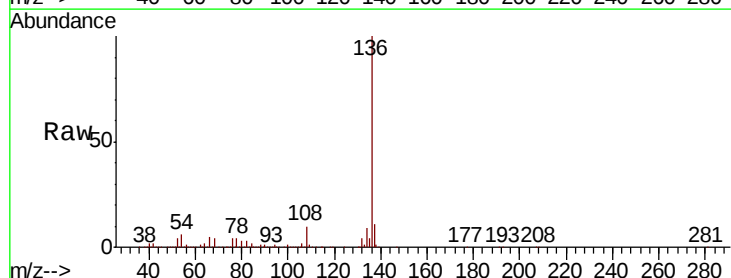
Delta R.T. 0.00 min

Lab File: BM018500.D

Acq: 10 Jan 2019 08:45

Tgt Ion: 136 Resp: 2203892

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.3	6.0	9.0
68	4.4	4.5	6.7#



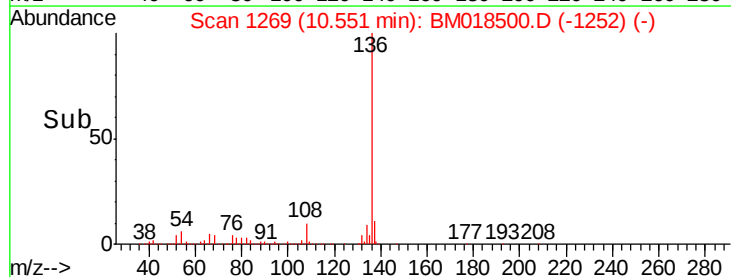
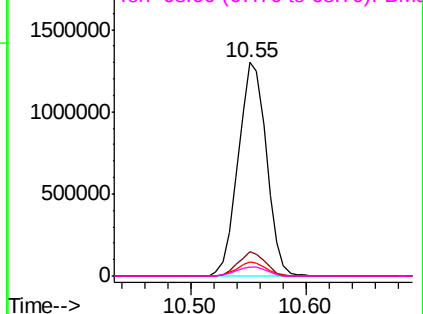
Abundance

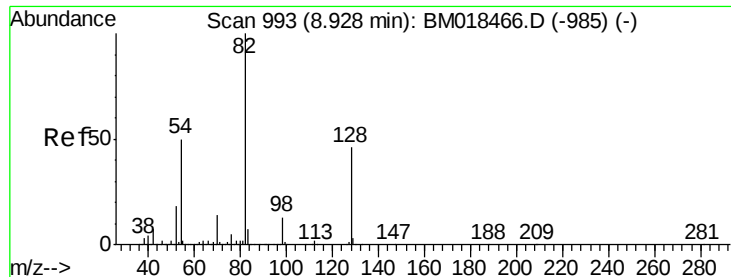
Ion 136.00 (135.70 to 136.70): BM018500.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018500.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018500.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018500.D (-1252) (-)

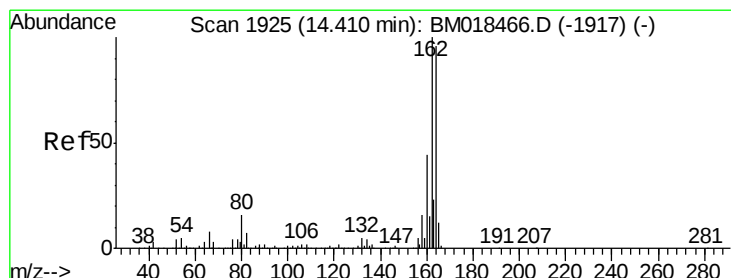
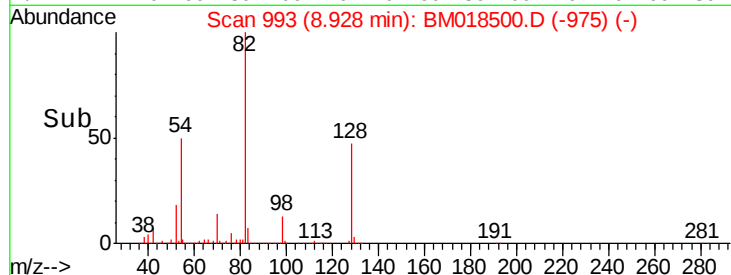
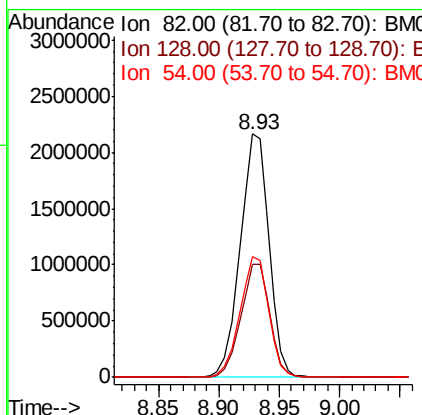
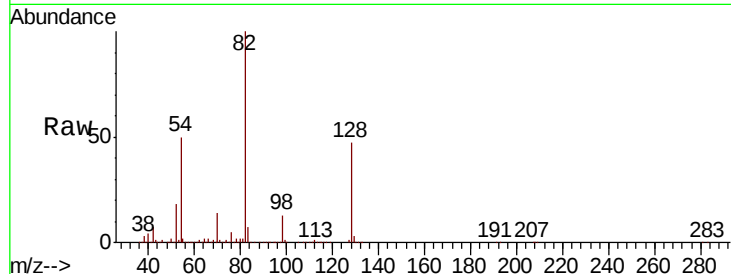




#23
 Nitrobenzene-d5
 Concen: 94.801 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BM018500.D
 Acq: 10 Jan 2019 08:45

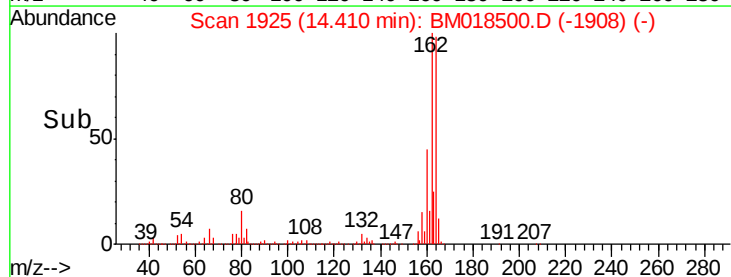
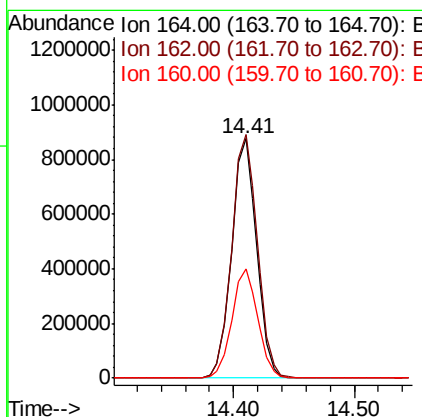
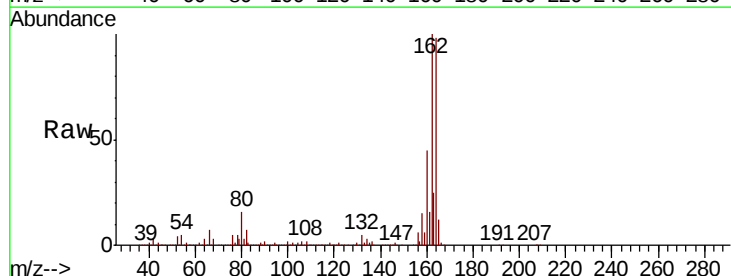
Instrument :
 BNA_M
 ClientSampled :
 SP-1-4

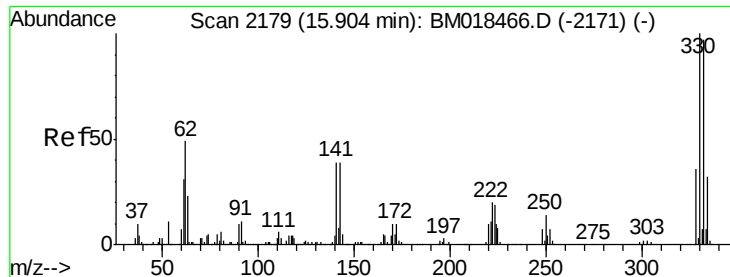
Tot Ion	82	Resp	3604065
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.3	54.5
54	49.6	41.7	62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BM018500.D
 Acq: 10 Jan 2019 08:45

Tgt Ion	164	Resp	1258960
Ion Ratio	Lower	Upper	
164	100		
162	101.8	83.0	124.4
160	45.6	37.1	55.7

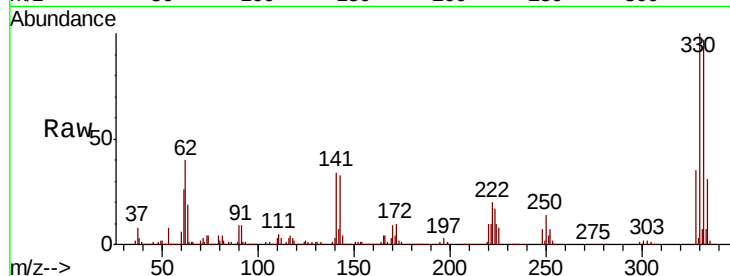




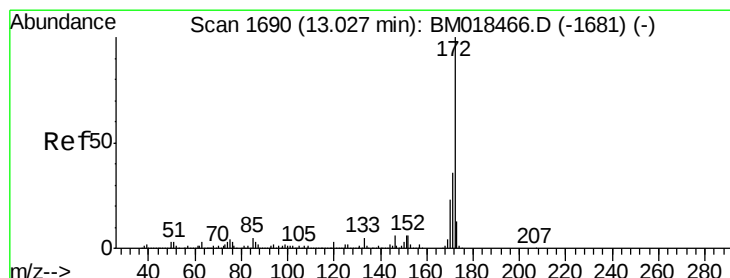
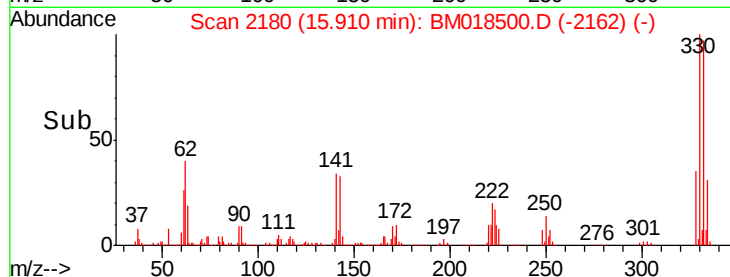
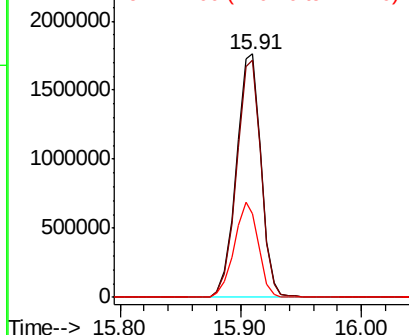
#42
 2,4,6-Tribromophenol
 Concen: 156.405 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: BM018500.D
 Acq: 10 Jan 2019 08:45

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-4

Tot Ion:330 Resp: 2507189
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 38.3 31.7 47.5

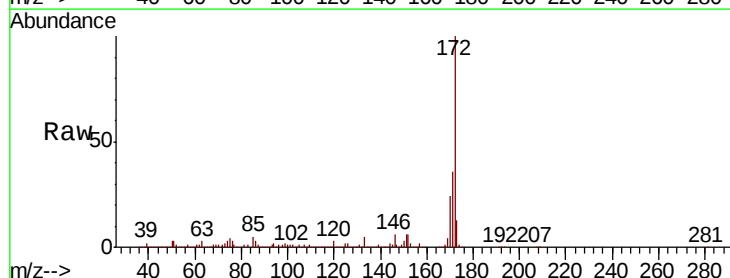


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

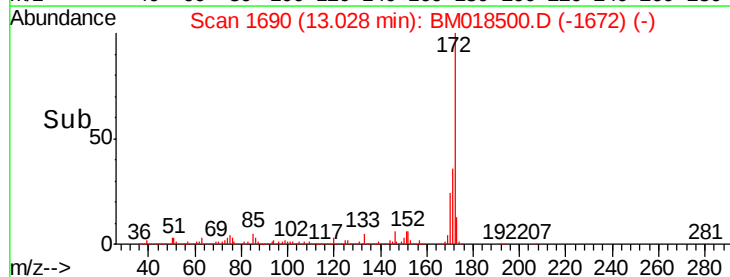
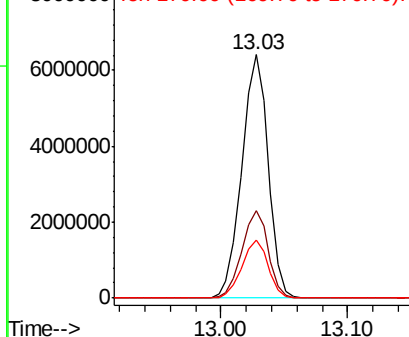


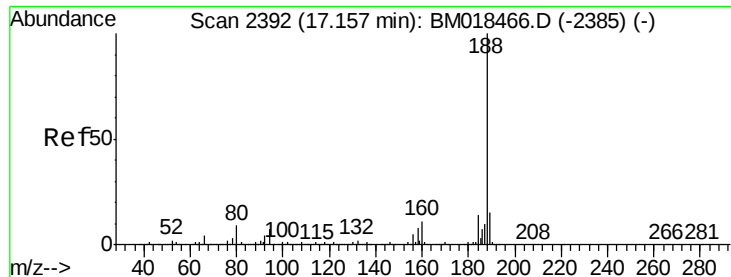
#45
 2-Fluorobiphenyl
 Concen: 95.804 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018500.D
 Acq: 10 Jan 2019 08:45

Tgt Ion:172 Resp: 9243388
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.4
 170 23.6 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: 17.16 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM018500.D

Acq: 10 Jan 2019 08:45

Instrument :

BNA_M

ClientSampled :

SP-1-4

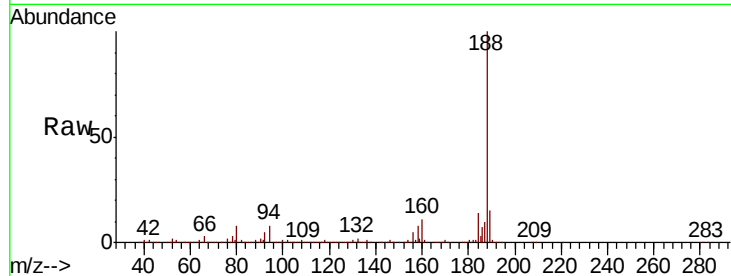
Tot Ion:188 Resp: 2720647

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

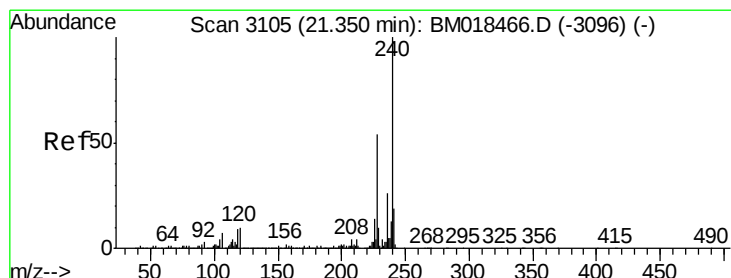
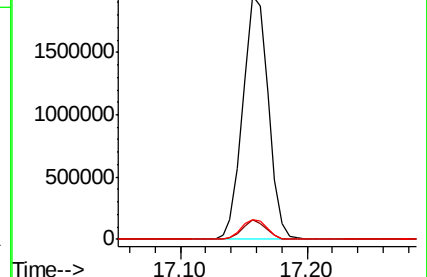
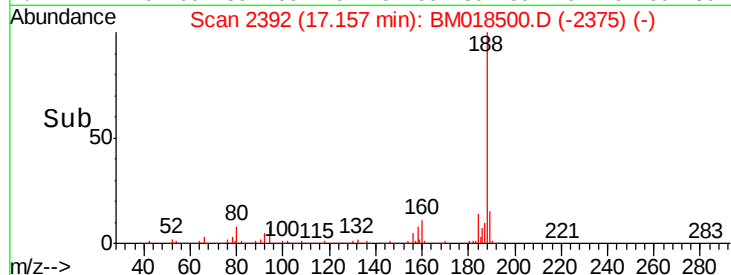
80 8.2 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018500.D

Acq: 10 Jan 2019 08:45

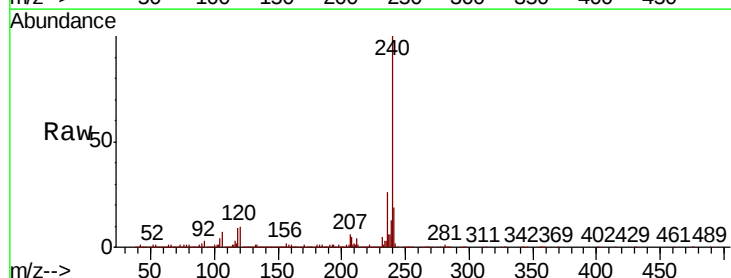
Tgt Ion:240 Resp: 2072574

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

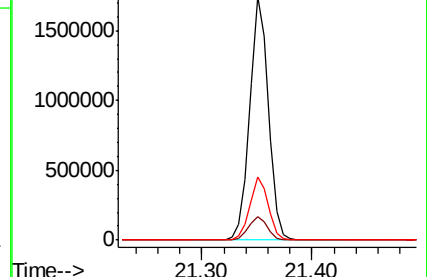
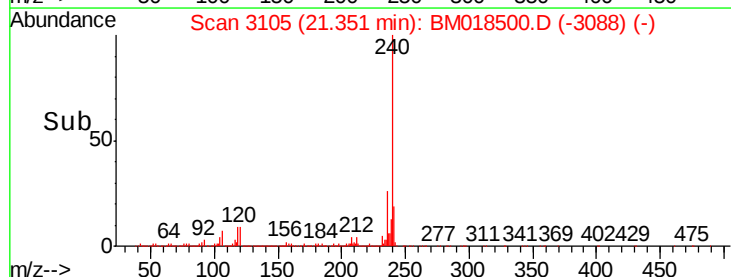
236 25.9 20.7 31.1

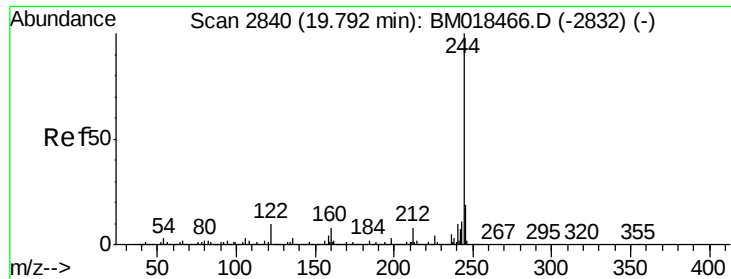


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 117.308 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018500.D

Acq: 10 Jan 2019 08:45

Instrument :

BNA_M

ClientSampled :

SP-1-4

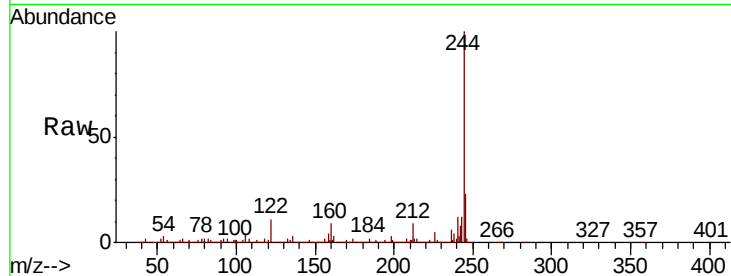
Tot Ion:244 Resp:11533455

Ion Ratio Lower Upper

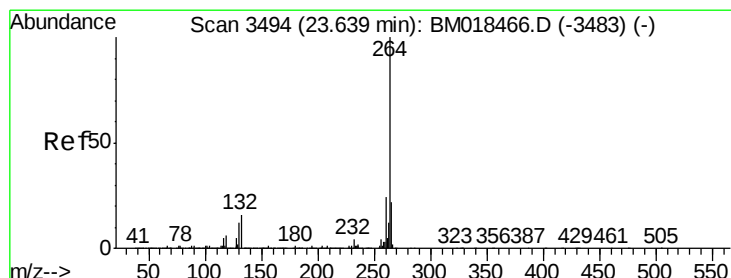
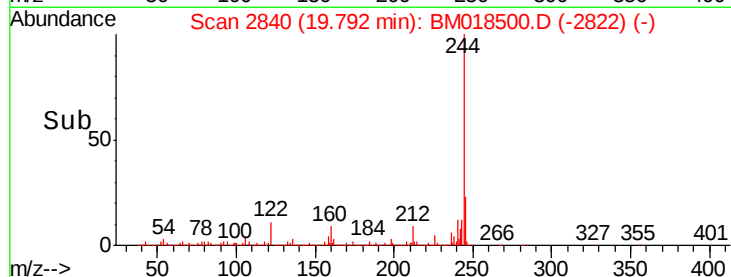
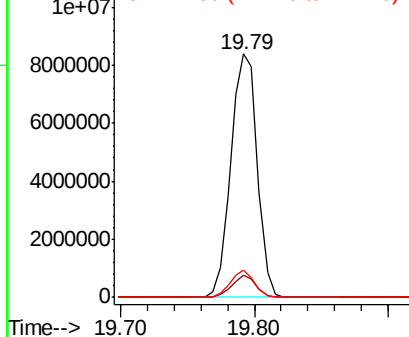
244 100

212 9.1 5.9 8.9#

122 11.5 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: 23.64 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BM018500.D

Acq: 10 Jan 2019 08:45

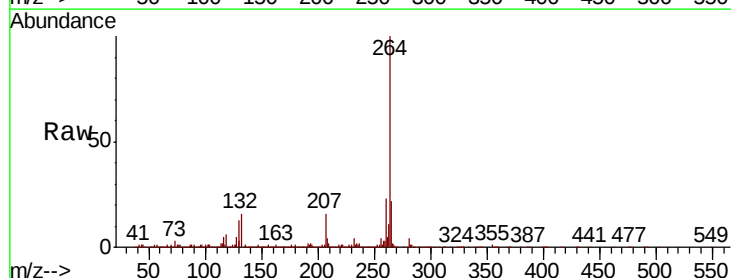
Tgt Ion:264 Resp: 2024126

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.1 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

