

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018638.D
 Acq On : 18 Jan 2019 15:49
 Operator : JU/SJ
 Sample : PB116472BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116472BL

Quant Time: Jan 18 16:55:41 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 16:48:55 2019
 Response via : Initial Calibration

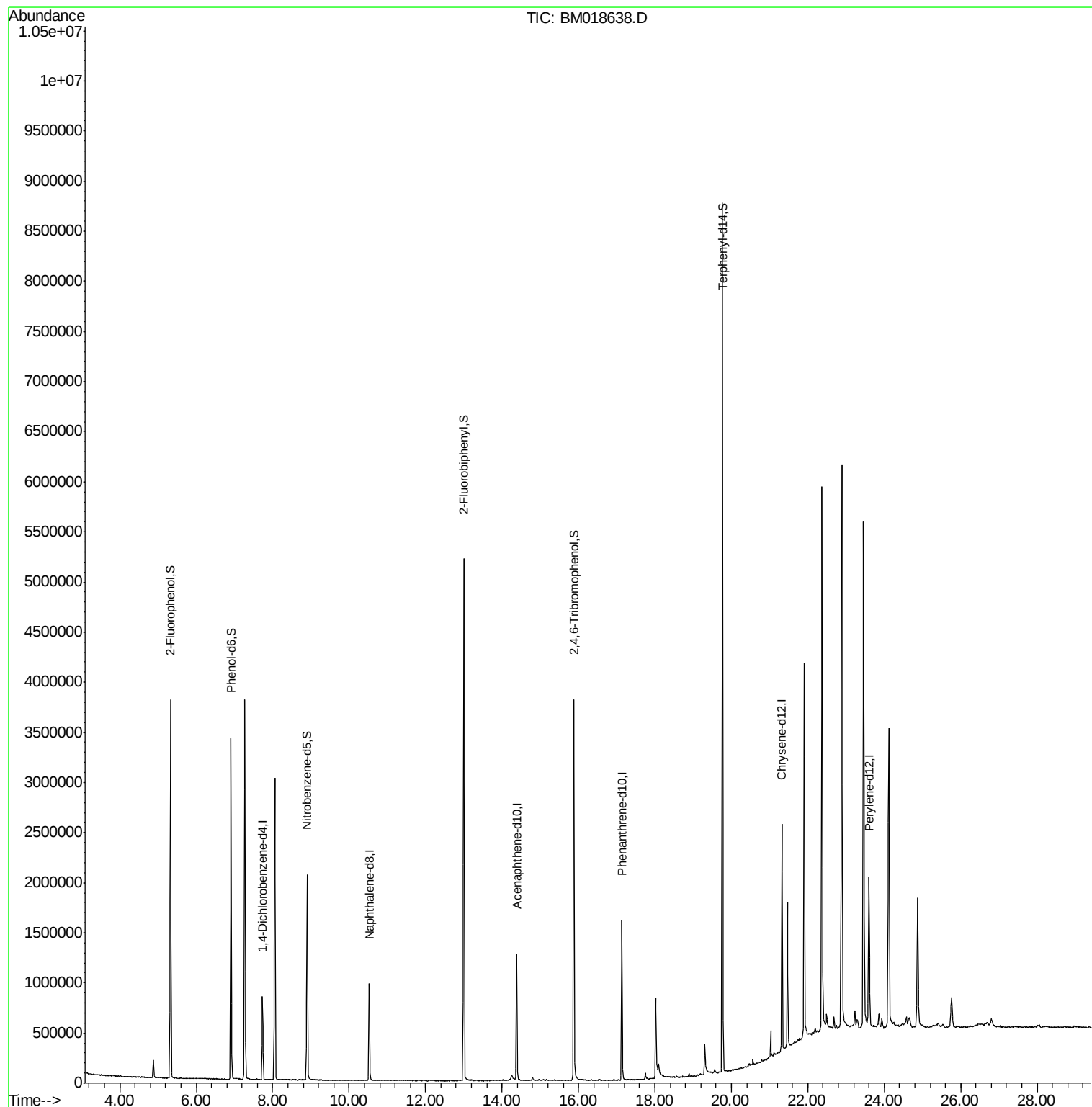
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	224922	20.00	ng	0.00
21) Naphthalene-d8	10.53	136	825003	20.00	ng	0.00
39) Acenaphthene-d10	14.39	164	429266	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	929725	20.00	ng	0.00
76) Chrysene-d12	21.33	240	1010683	20.00	ng	0.00
87) Perylene-d12	23.60	264	1076963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1541898	126.58	ng	0.00
7) Phenol-d6	6.91	99	1853939	119.83	ng	0.00
23) Nitrobenzene-d5	8.90	82	1150008	80.81	ng	0.00
42) 2,4,6-Tribromophenol	15.88	330	699062	127.90	ng	0.00
45) 2-Fluorobiphenyl	13.00	172	2732567	83.06	ng	0.00
79) Terphenyl-d14	19.77	244	4038066	84.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	294	Below Cal	Qvalue #	1

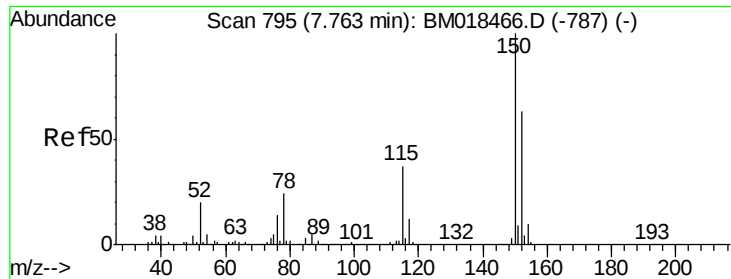
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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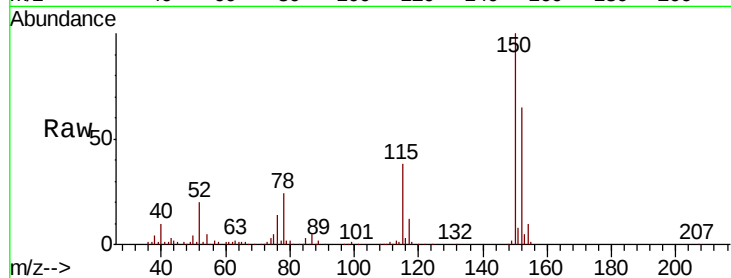


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM018638.D
Acq: 18 Jan 2019 15:49

Instrument :
BNA_M
ClientSampleId :
PB116472BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.9	190.3
115	59.3	45.5	68.3

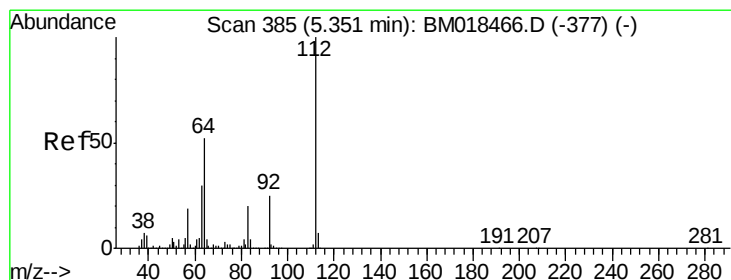
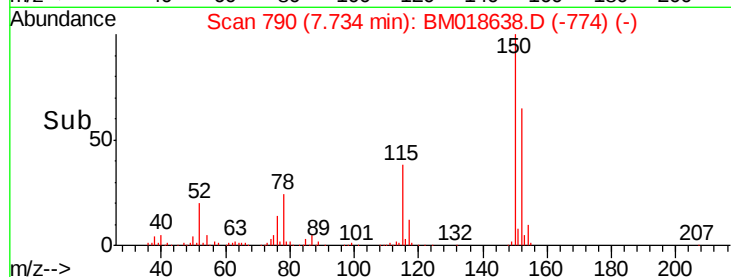
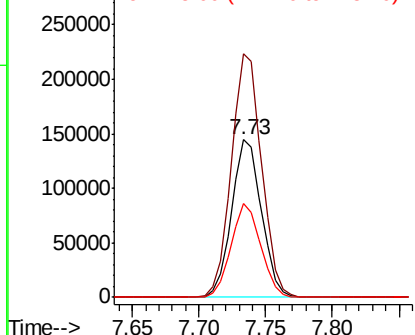


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

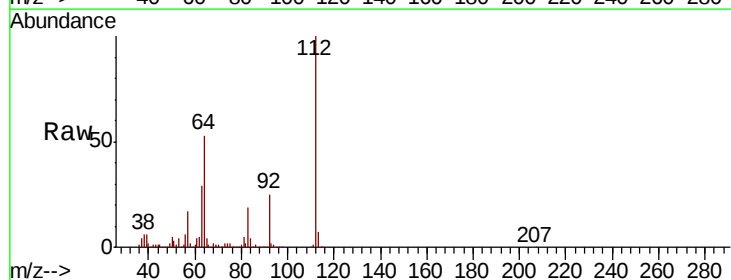
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.582 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018638.D
Acq: 18 Jan 2019 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	28.5	25.2	37.8

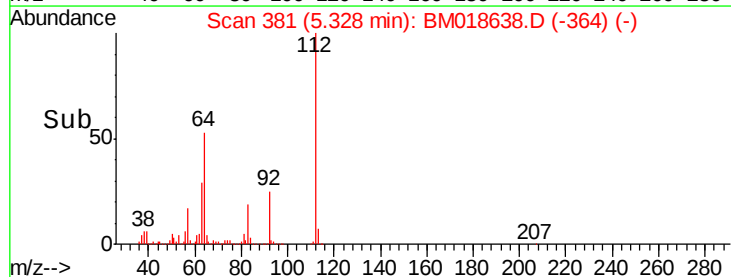
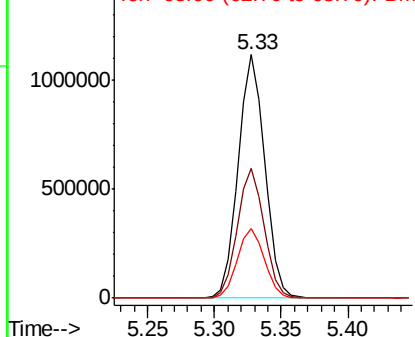


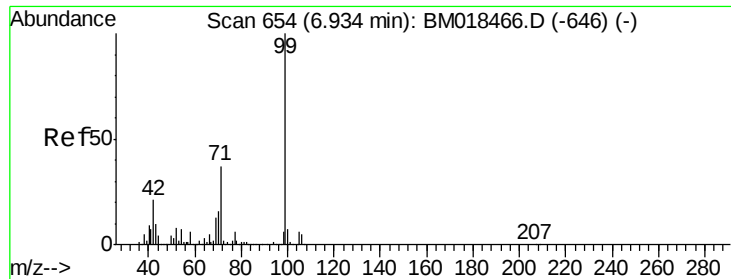
Abundance

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: 119.830 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018638.D

Acq: 18 Jan 2019 15:49

Instrument :

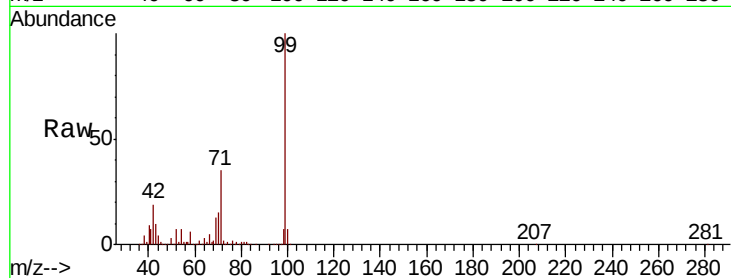
BNA_M

ClientSampleId :

PB116472BL

Tot Ion: 99 Resp: 1853939

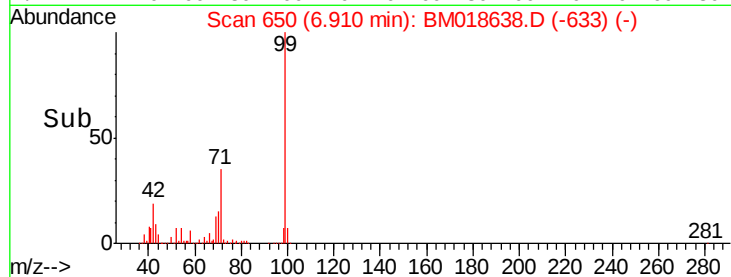
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.3	25.9
71	35.3	28.0	42.0



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: 10.53 min Scan# 1265

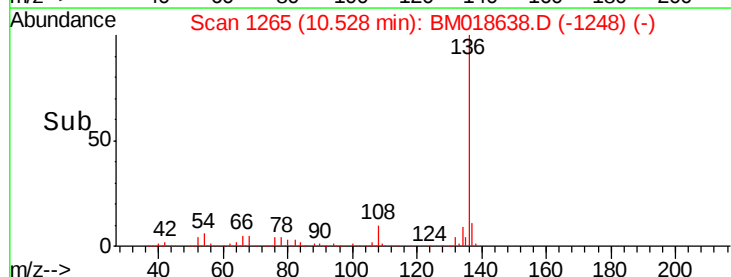
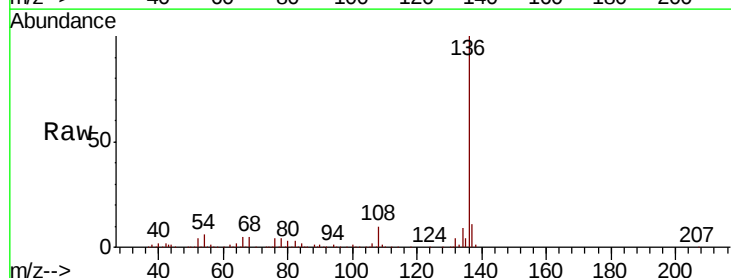
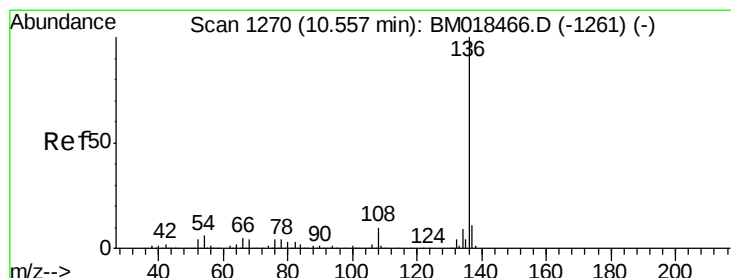
Delta R.T. -0.00 min

Lab File: BM018638.D

Acq: 18 Jan 2019 15:49

Tgt Ion: 136 Resp: 825003

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.3	6.0	9.0
68	4.5	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) (-)

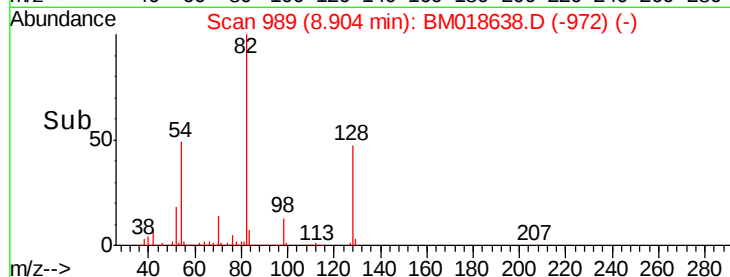
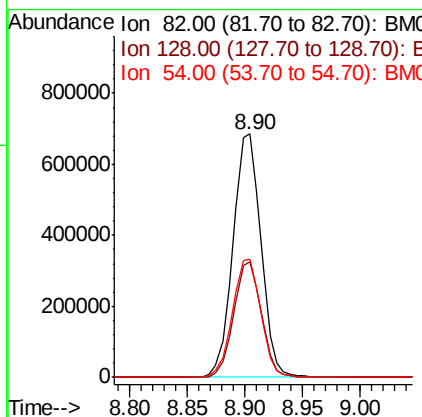
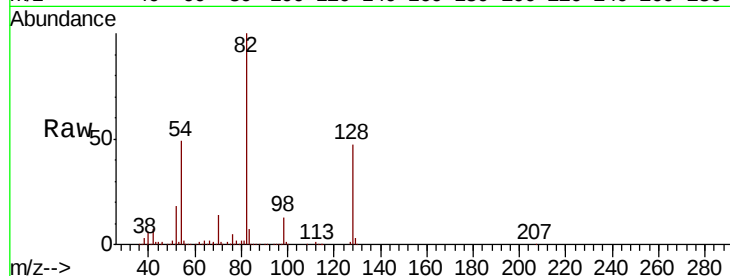


#23
 Nitrobenzene-d5
 Concen: 80.808 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BM018638.D
 Acq: 18 Jan 2019 15:49

Instrument :
 BNA_M
 ClientSampleId :
 PB116472BL

Tot Ion: 82 Resp: 1150008

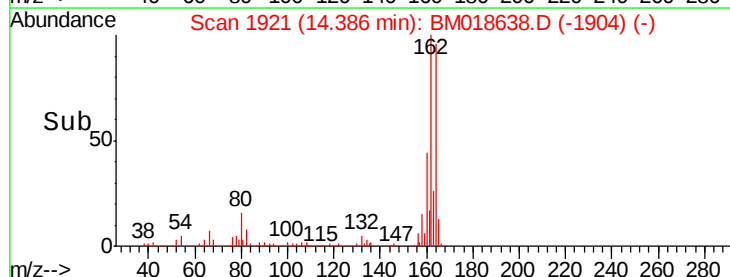
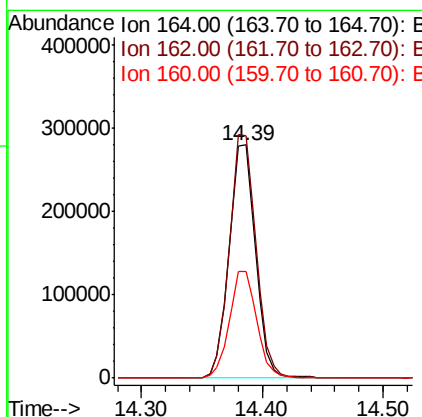
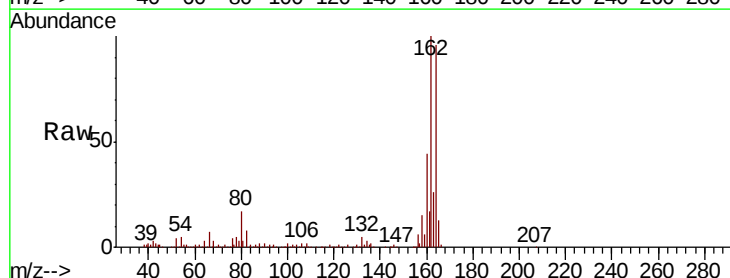
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.3	54.5
54	48.6	41.7	62.5

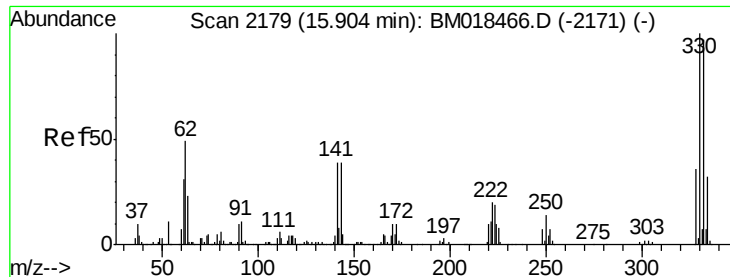


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BM018638.D
 Acq: 18 Jan 2019 15:49

Tgt Ion: 164 Resp: 429266

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.4
160	45.7	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 127.898 ng

RT: 15.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BM018638.D

Acq: 18 Jan 2019 15:49

Instrument :

BNA_M

ClientSampleId :

PB116472BL

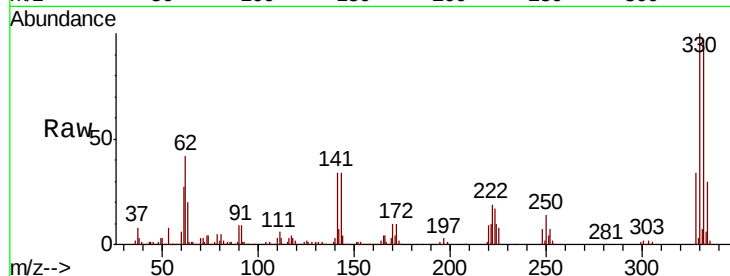
Tot Ion:330 Resp: 699062

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

141 38.0 31.7 47.5

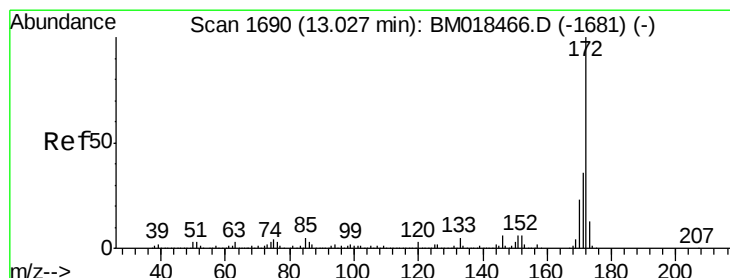
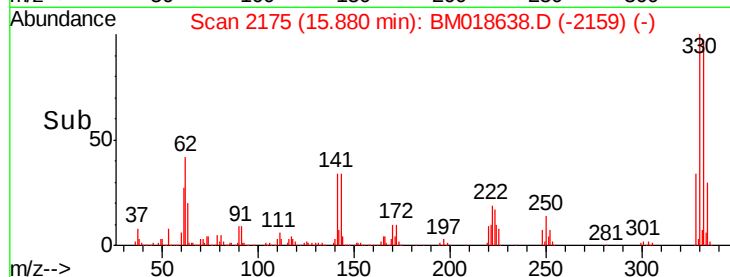
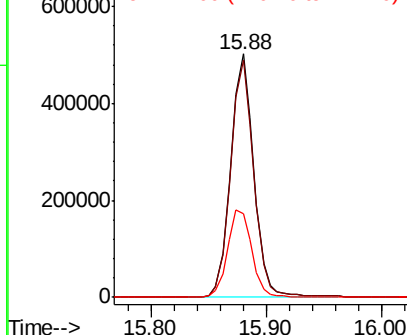


Abundance

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: 83.063 ng

RT: 13.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BM018638.D

Acq: 18 Jan 2019 15:49

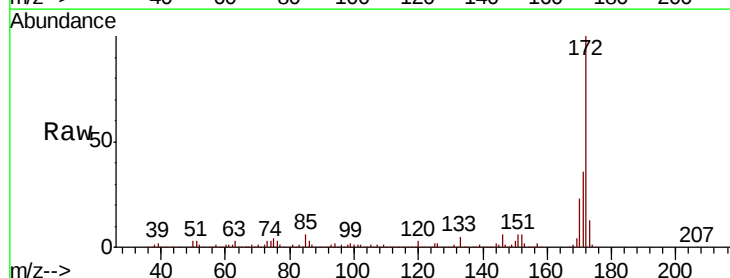
Tgt Ion:172 Resp: 2732567

Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.4

170 23.1 18.9 28.3

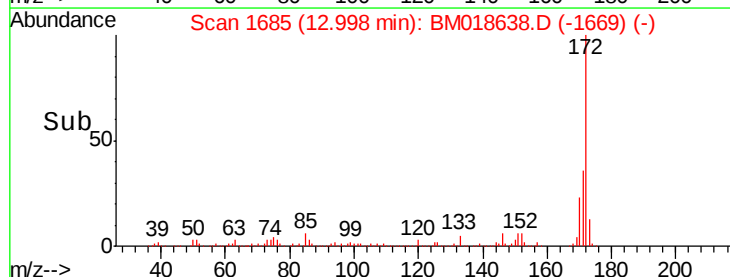
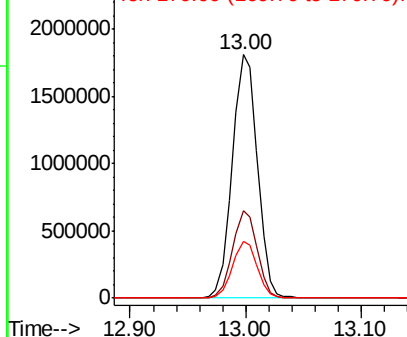


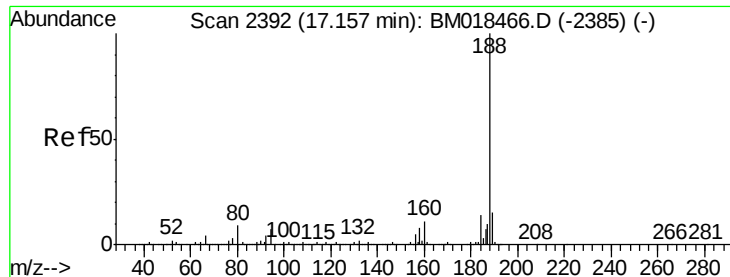
Abundance

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

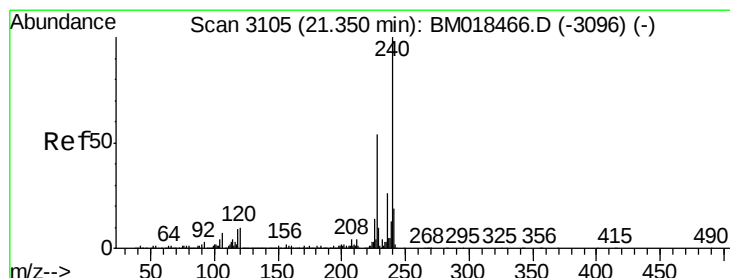
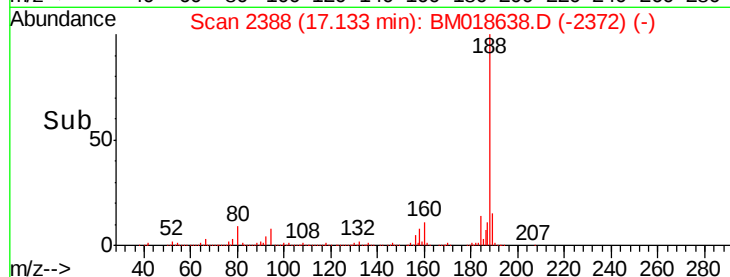
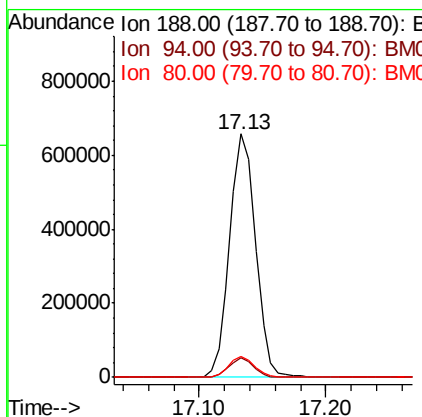
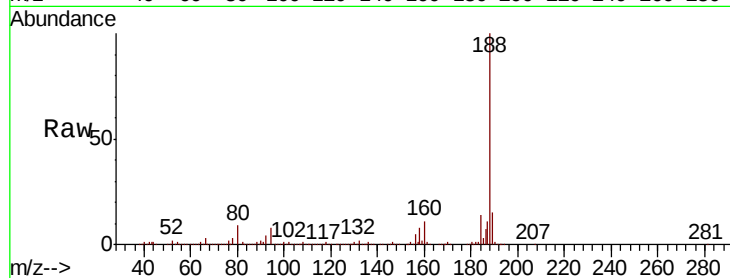




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM018638.D
Acq: 18 Jan 2019 15:49

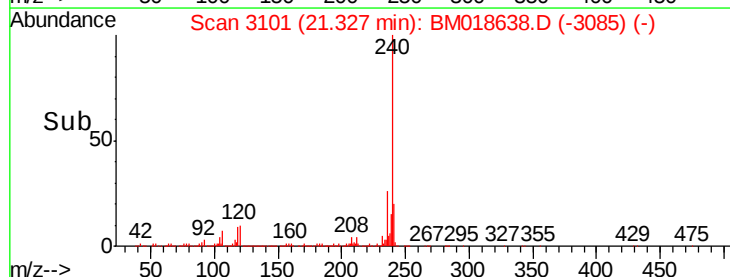
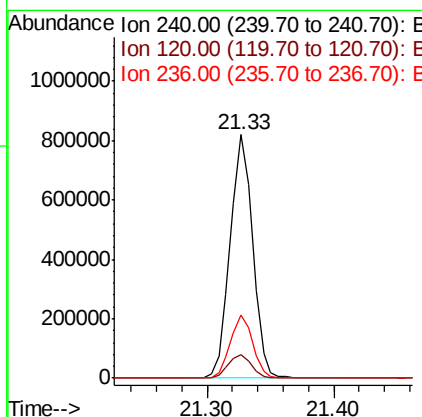
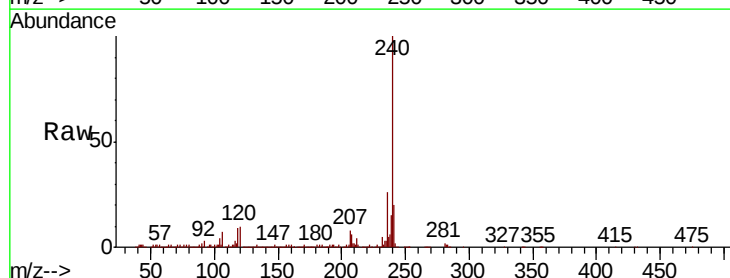
Instrument :
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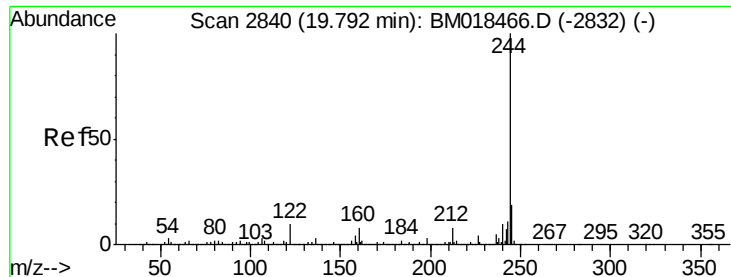
Tot Ion:188 Resp: 929725
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM018638.D
Acq: 18 Jan 2019 15:49

Tgt Ion:240 Resp: 1010683
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 84.224 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM018638.D

Acq: 18 Jan 2019 15:49

Instrument :

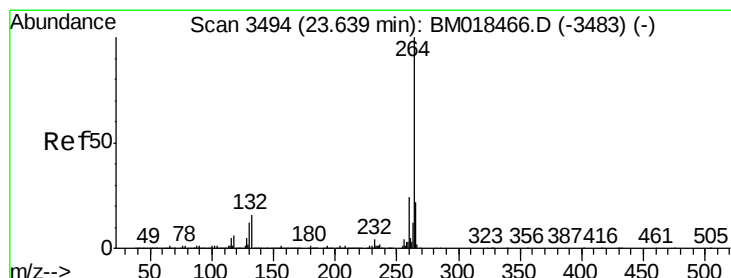
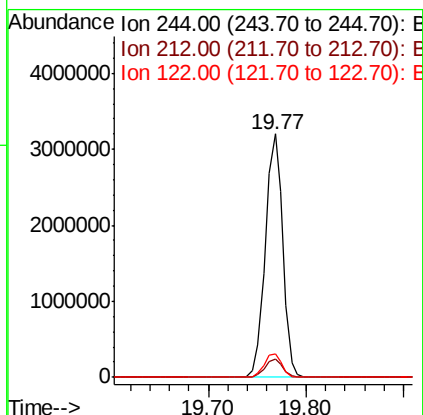
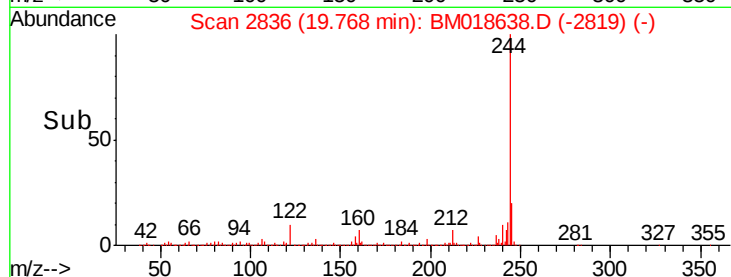
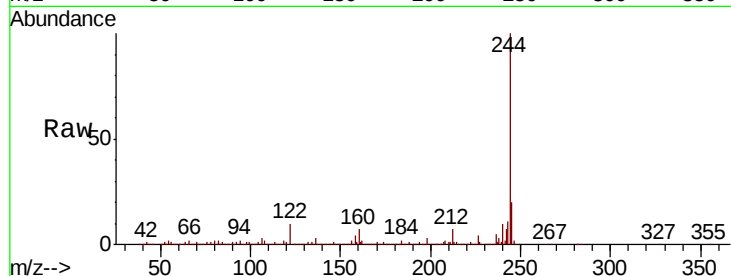
BNA_M

ClientSampleId :

PB116472BL

Tot Ion:244 Resp: 4038066

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.7	9.0	13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.60 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM018638.D

Acq: 18 Jan 2019 15:49

Tgt Ion:264 Resp: 1076963

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	22.2	16.8	25.2

