

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 17:04:18 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

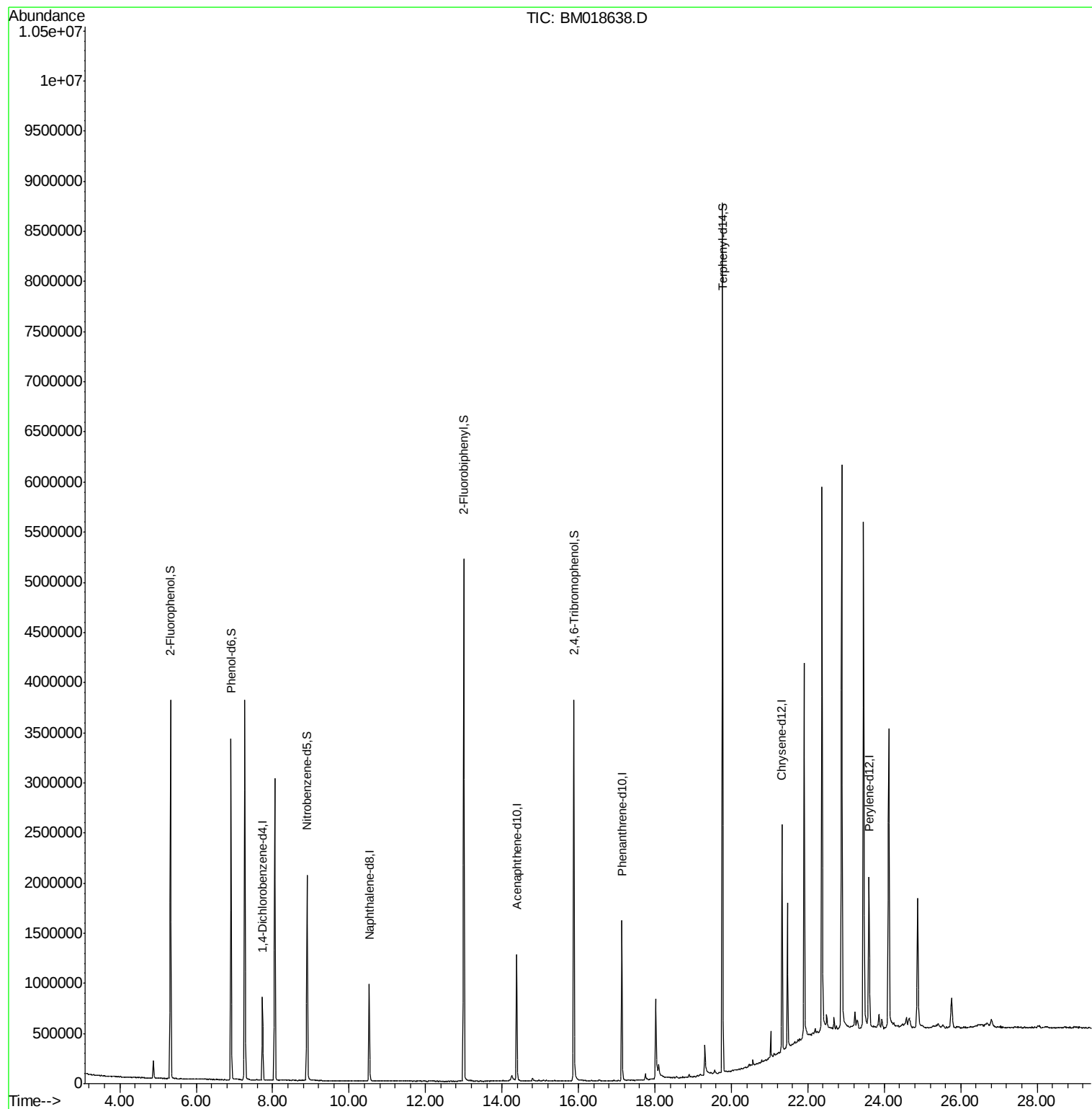
Target Compounds Qvalue

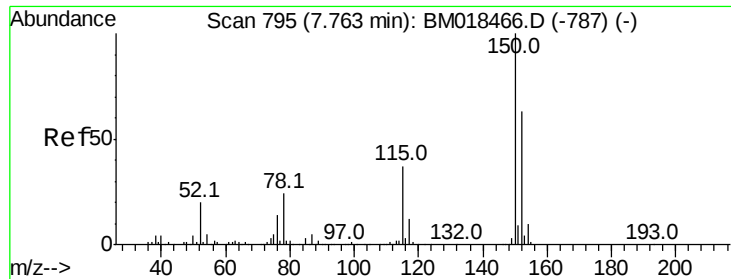
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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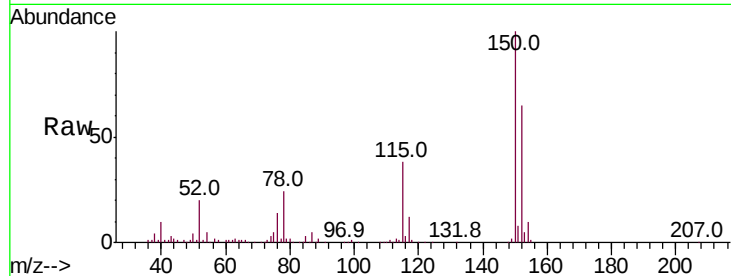


#1

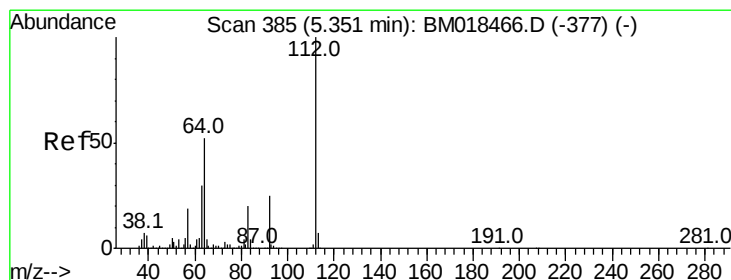
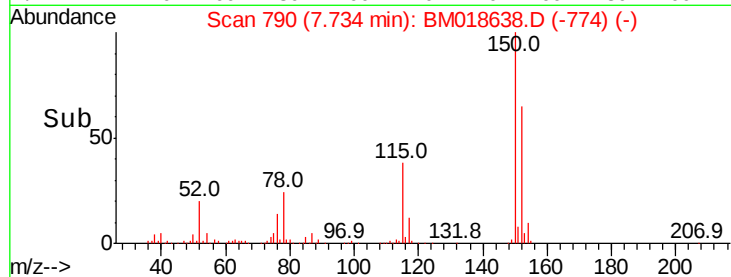
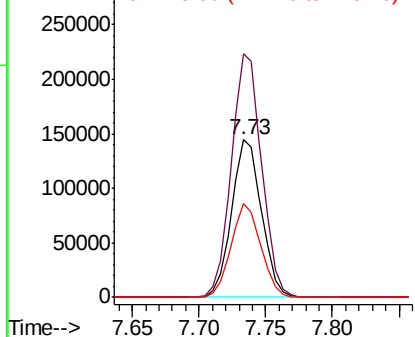
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM018638.D
Acq: 18 Jan 2019 15:49

Instrument :
BNA_M
ClientSampleId :
PB116472BL

Tot Ion:152 Resp: 224922
Ion Ratio Lower Upper
152 100
150 154.5 126.9 190.3
115 59.3 45.5 68.3



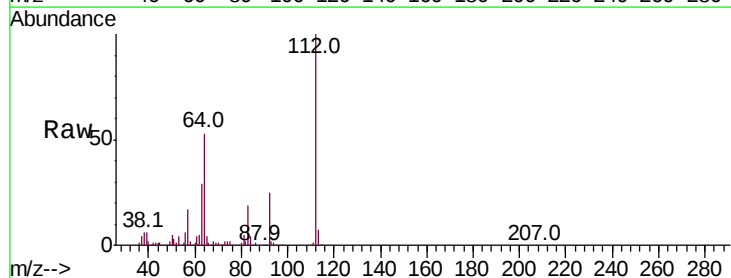
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



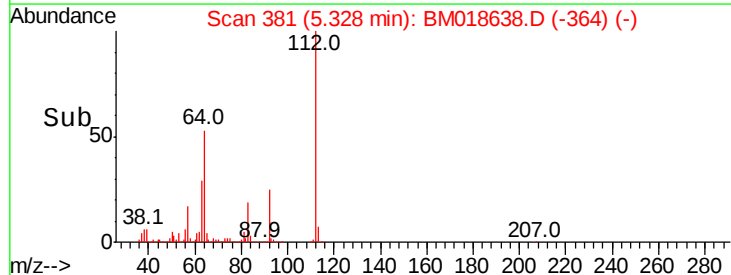
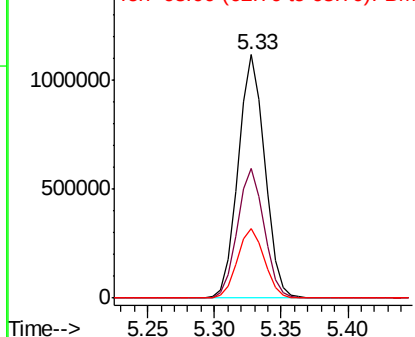
#5

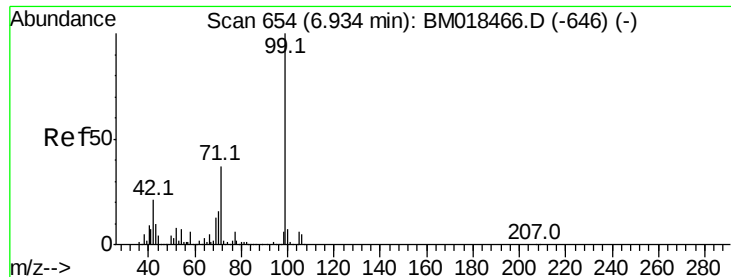
2-Fluorophenol
Concen: 126.582 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018638.D
Acq: 18 Jan 2019 15:49

Tgt Ion:112 Resp: 1541898
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

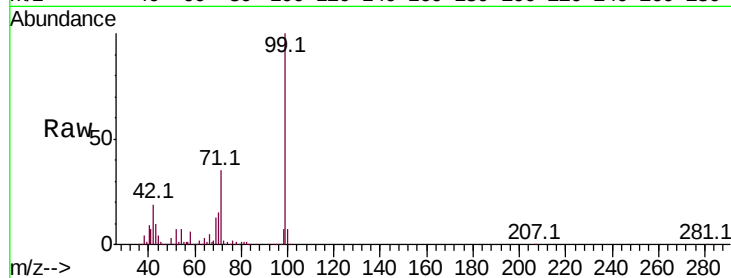
Tot Ion: 99 Resp: 1853939

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

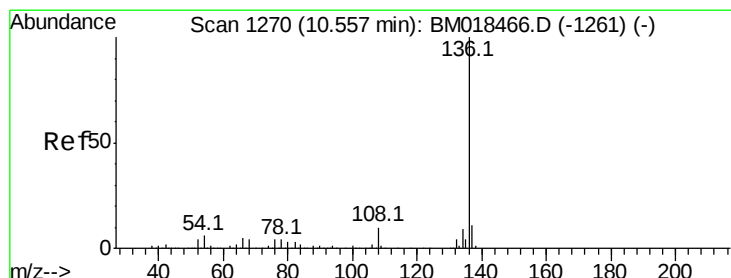
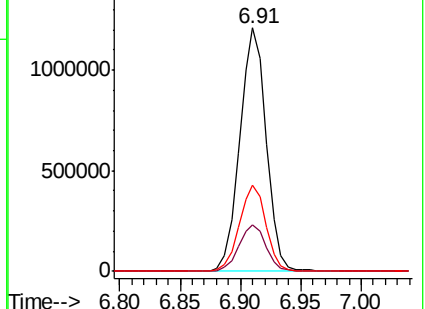
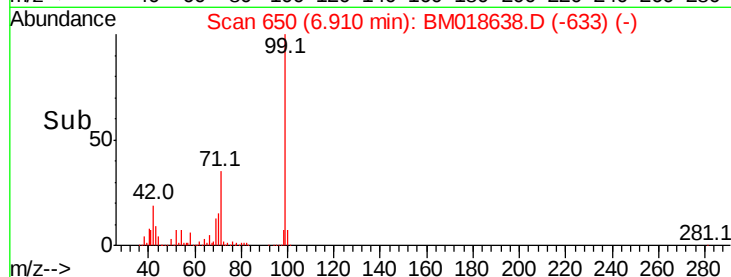
71 35.3 28.0 42.0



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

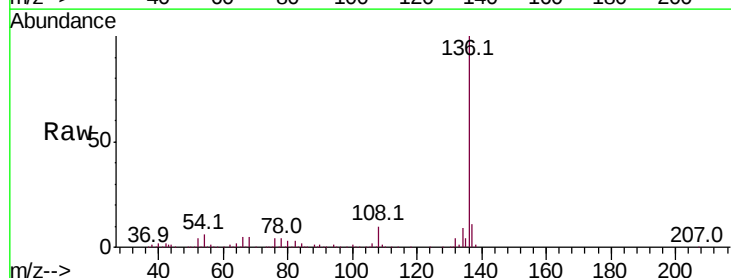
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.3 6.0 9.0

68 4.5 4.5 6.7

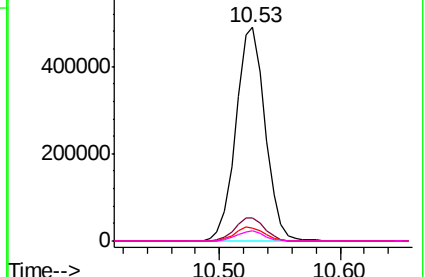
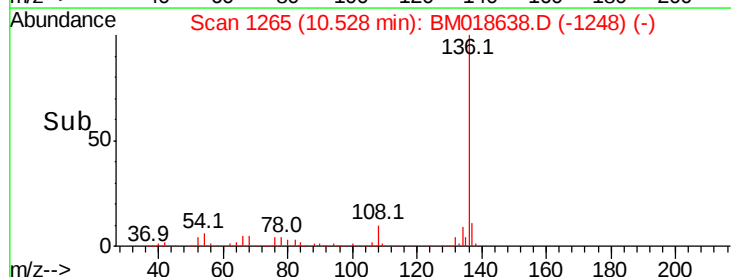


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

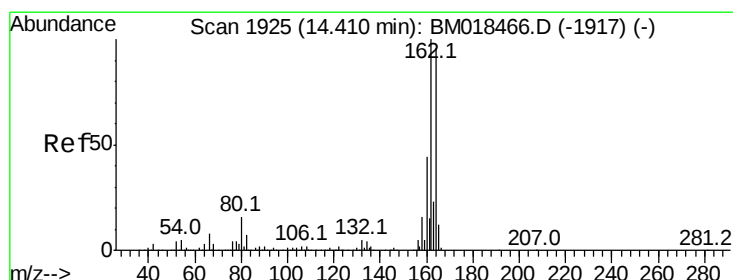
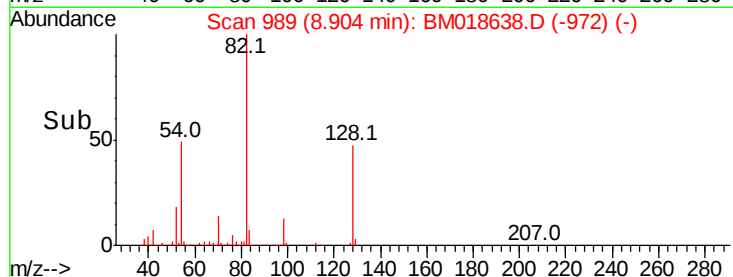
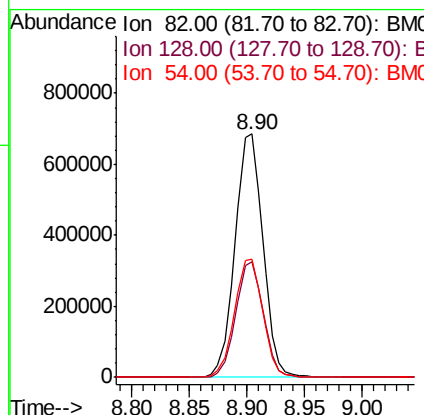
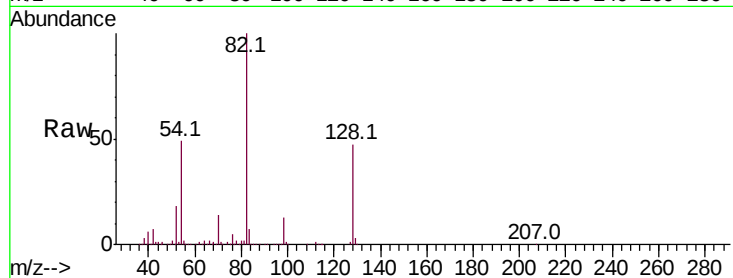




#23
 Nitrobenzene-d5
 Concen: 80.808 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BM018638.D
 Acq: 18 Jan 2019 15:49

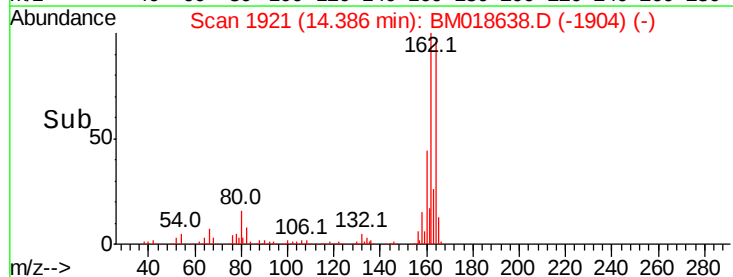
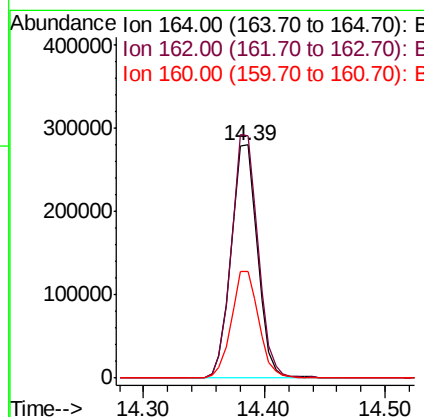
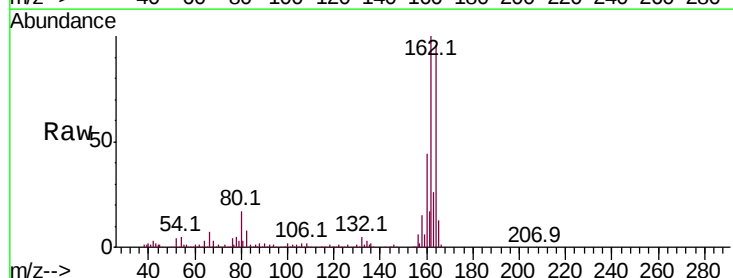
Instrument :
 BNA_M
 ClientSampleId :
 PB116472BL

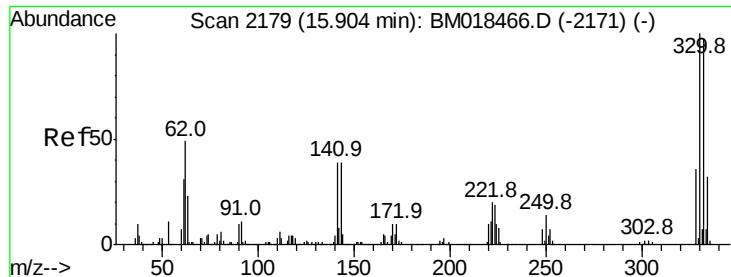
Tot Ion: 82 Resp: 1150008
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.3 54.5
 54 48.6 41.7 62.5



#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

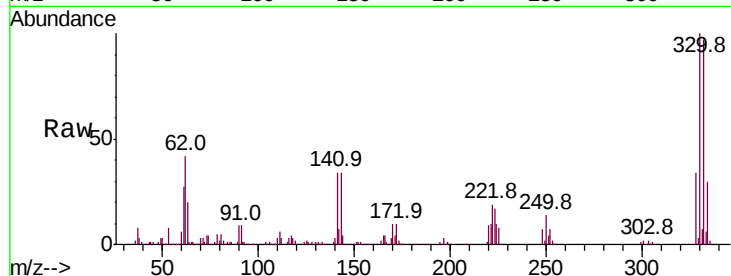




#42
 2,4,6-Tribromophenol
 Concen: 127.898 ng
 RT: 15.88 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BM018638.D
 Acq: 18 Jan 2019 15:49

Instrument :
 BNA_M
 ClientSampleId :
 PB116472BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	38.0	31.7	47.5

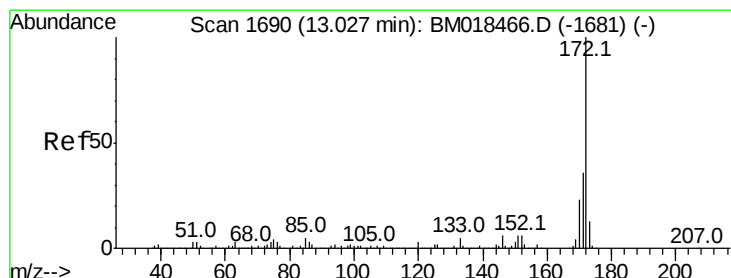
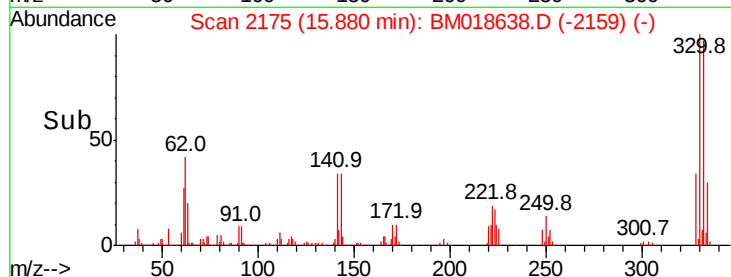
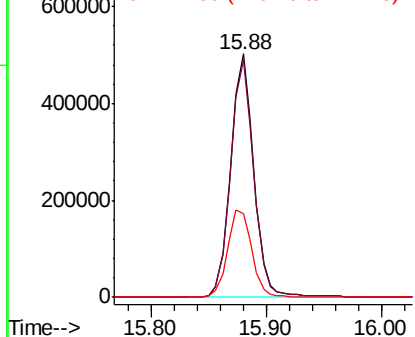


Abundance

Ion 329.80 (329.50 to 330.50): E

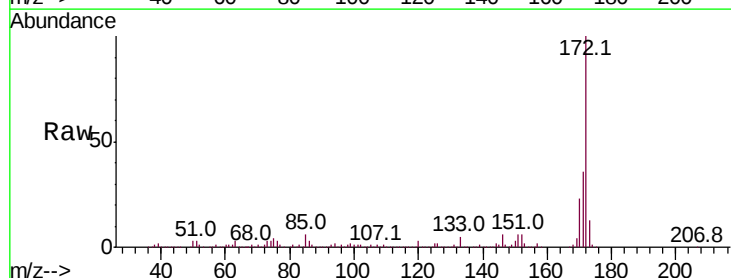
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.1	18.9	28.3

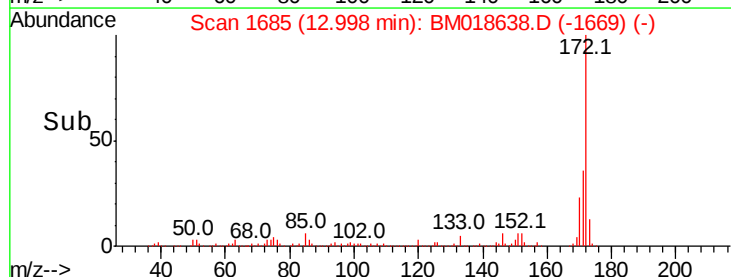
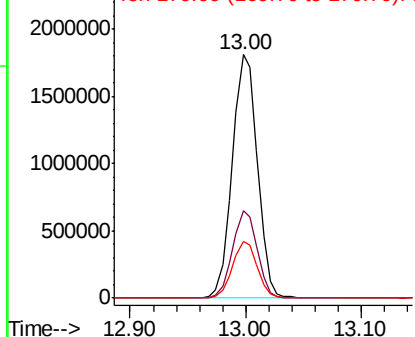


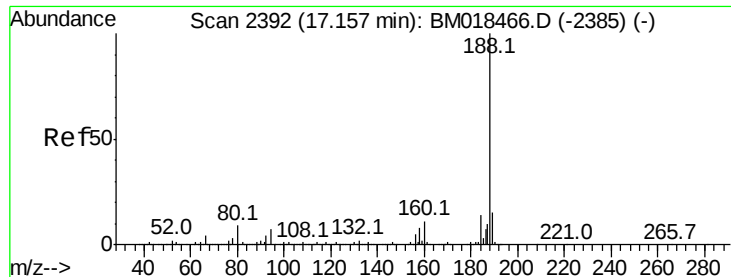
Abundance

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

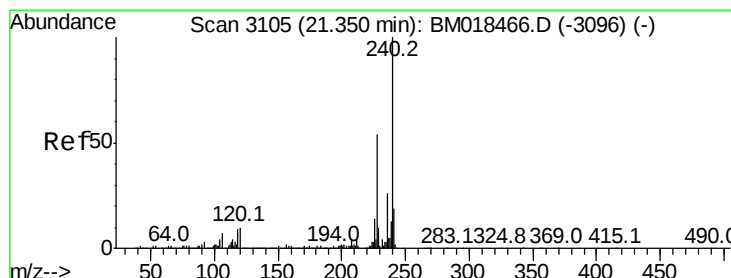
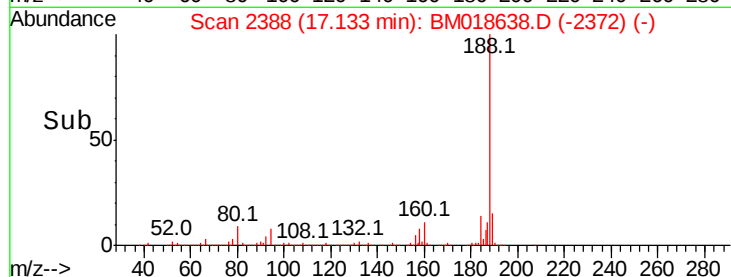
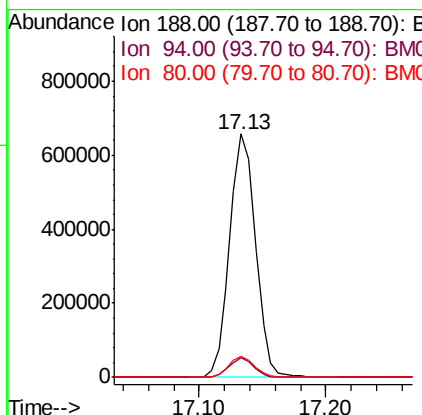
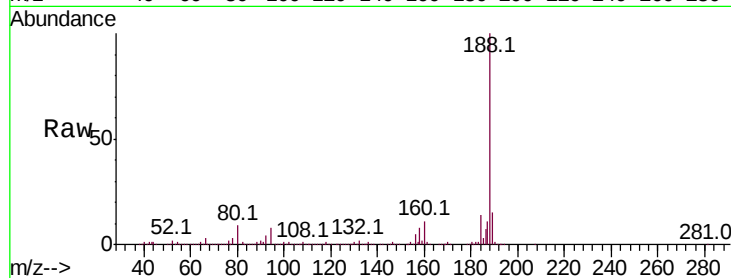




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM018638.D
Acq: 18 Jan 2019 15:49

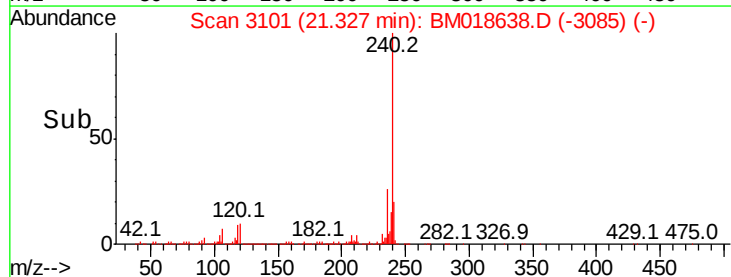
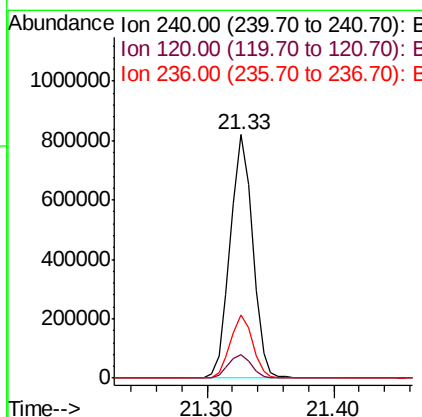
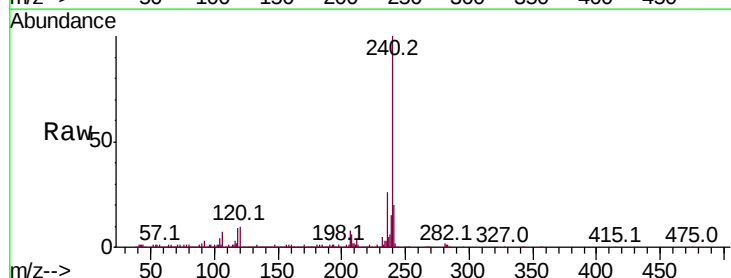
Instrument :
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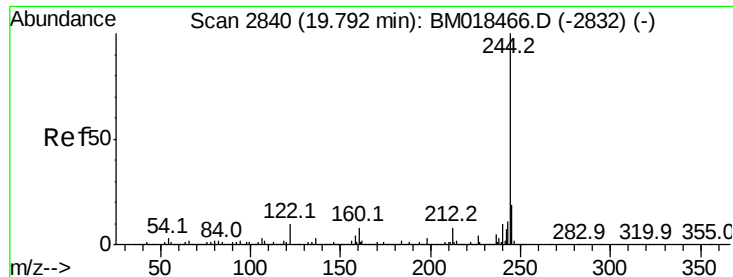
Tot Ion:188 Resp: 929725
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 8.5 7.6 11.4



#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

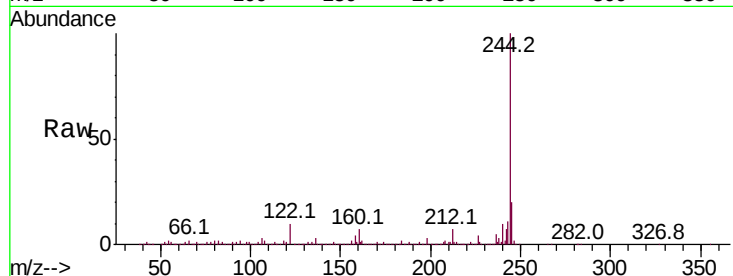
Tot Ion:244 Resp: 4038066

Ion Ratio Lower Upper

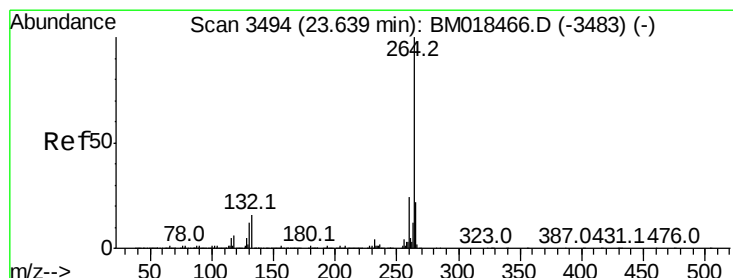
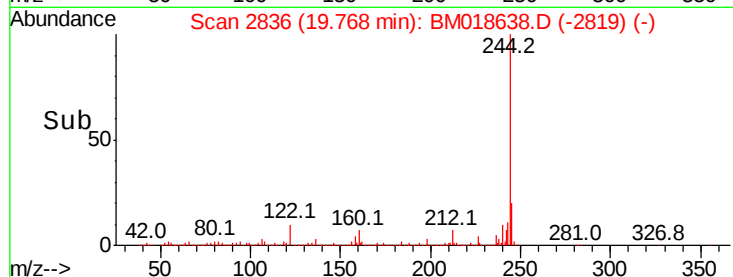
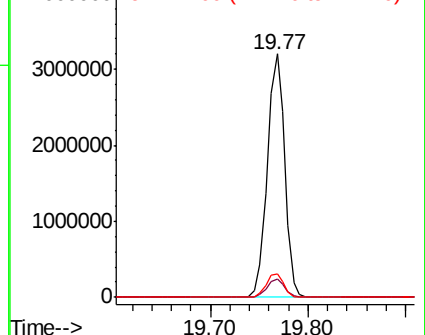
244 100

212 7.4 5.9 8.9

122 9.7 9.0 13.4



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: 23.60 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM018638.D

Acq: 18 Jan 2019 15:49

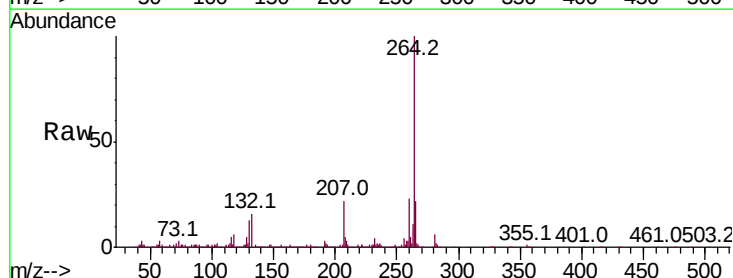
Tgt Ion:264 Resp: 1076963

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 22.2 16.8 25.2



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

