

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018404.D
 Acq On : 27 Dec 2018 19:53
 Operator : JU/SJ
 Sample : PB116034BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BL

Quant Time: Dec 28 04:32:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	339645	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1553102	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	978000	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2342686	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2560469	20.00	ng	0.00
87) Perylene-d12	23.66	264	2624605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	195535	10.85	ng	0.00
7) Phenol-d6	6.93	99	202400	8.09	ng	0.00
23) Nitrobenzene-d5	8.95	82	576565	21.31	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	285792	23.00	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1644198	22.77	ng	0.00
79) Terphenyl-d14	19.81	244	4552074	37.88	ng	0.00

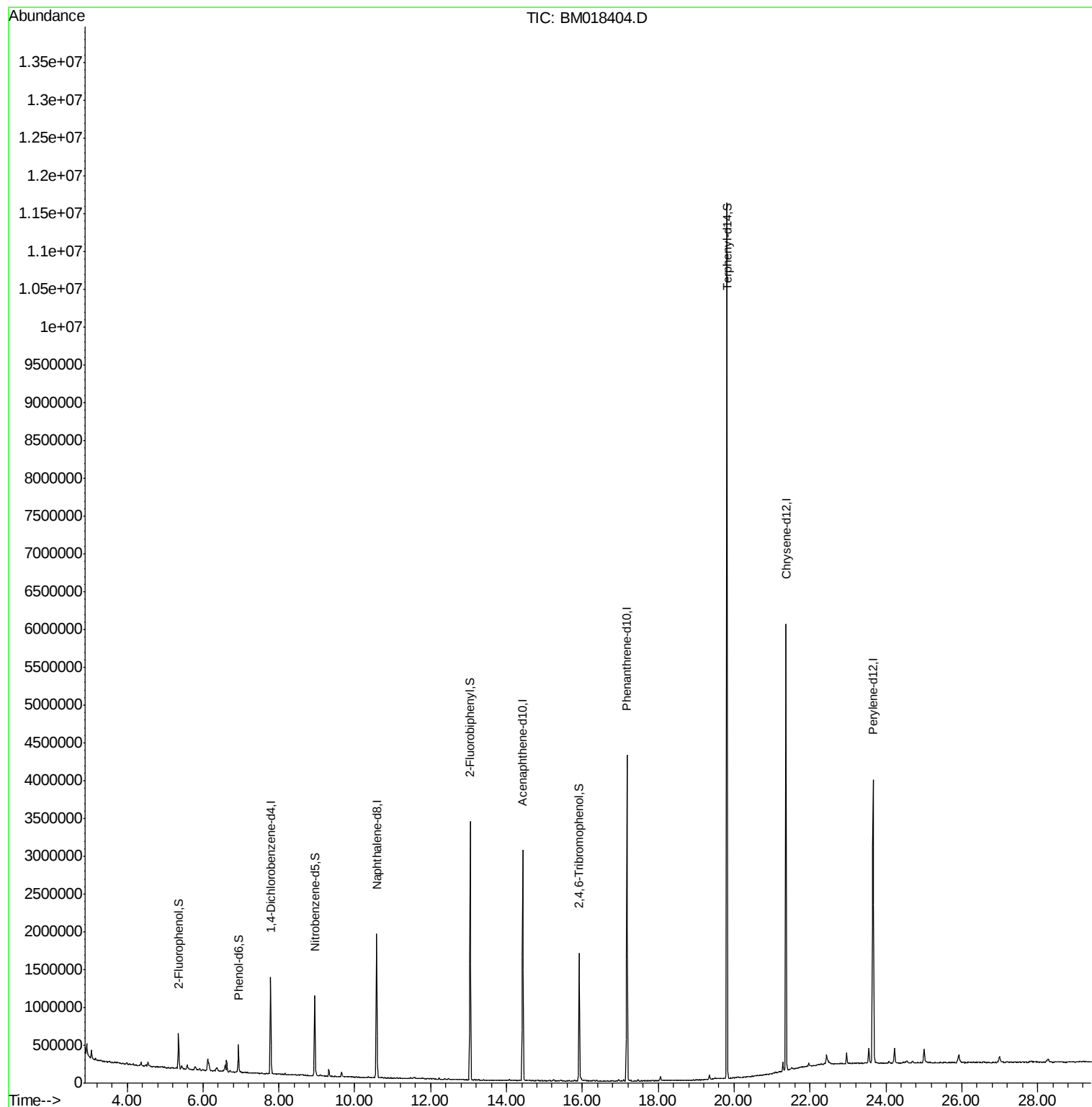
Target Compounds Qvalue

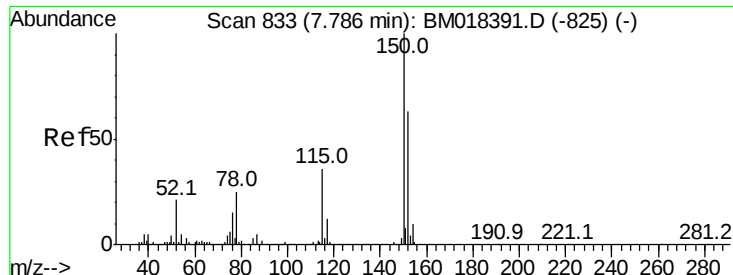
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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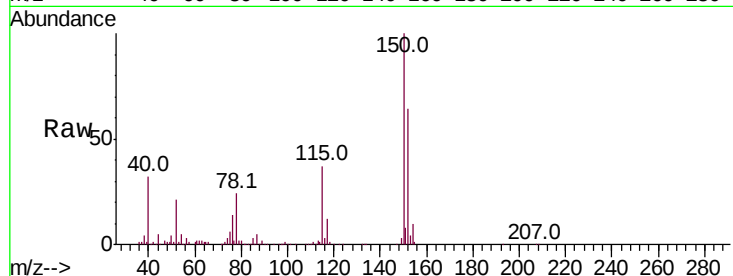


#1

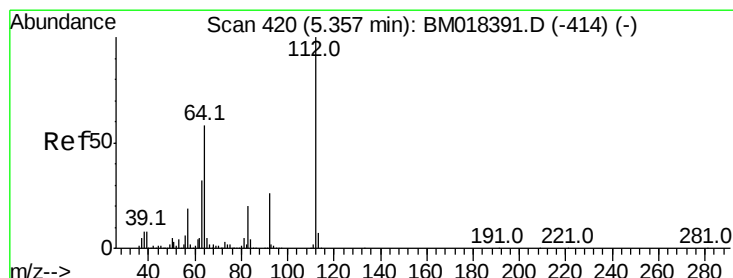
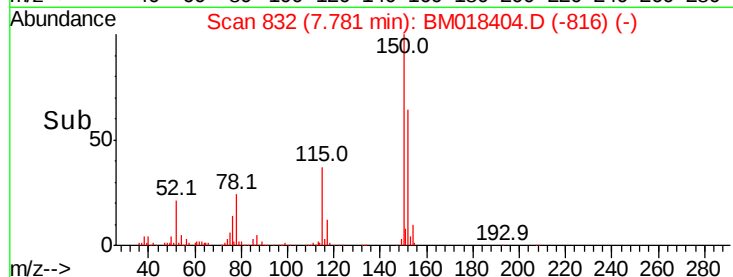
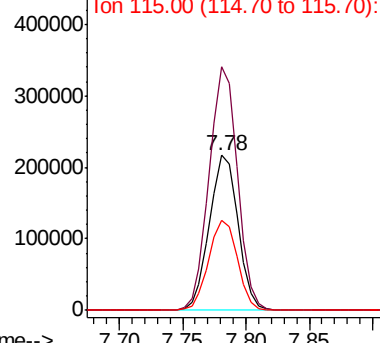
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Instrument :
BNA_M
ClientSampleId :
PB116034BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.9	190.3
115	58.0	45.5	68.3



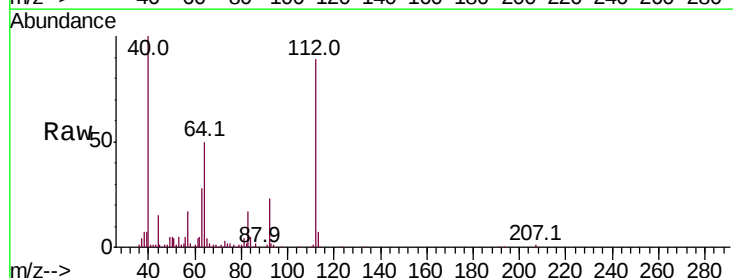
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



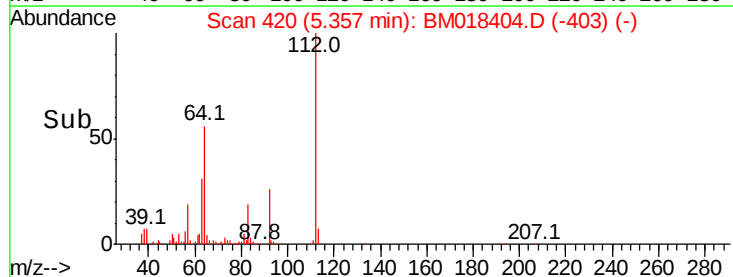
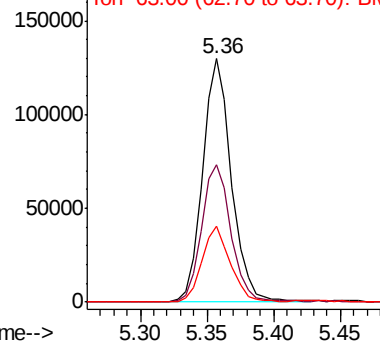
#5

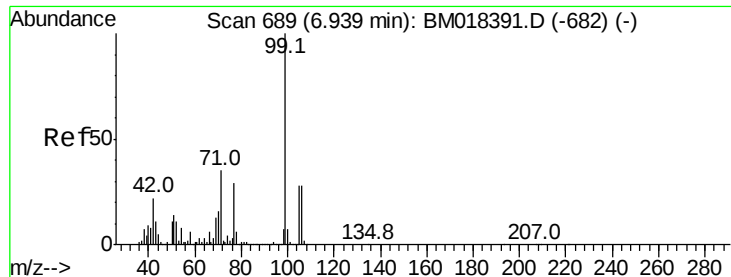
2-Fluorophenol
Concen: 10.854 ng
RT: 5.36 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.5	69.7
63	31.4	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: 8.091 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

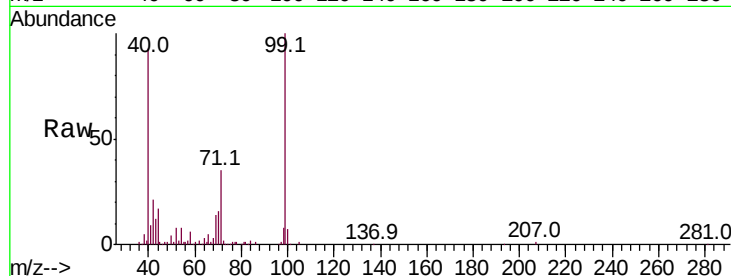
Tot Ion: 99 Resp: 202400

Ion Ratio Lower Upper

99 100

42 20.8 17.3 25.9

71 35.1 28.0 42.0



Abundance

Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)

150000

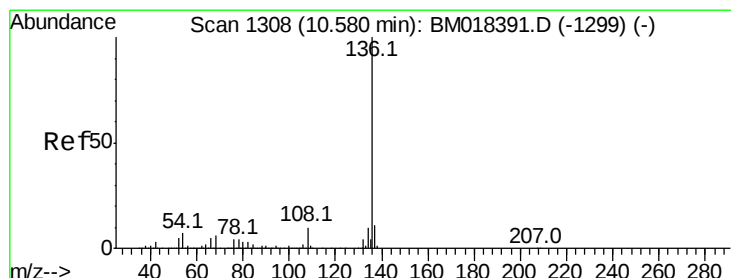
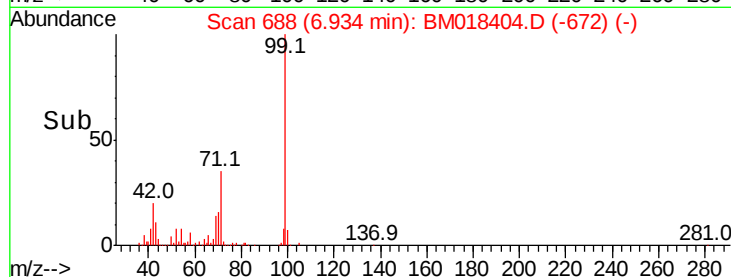
100000

50000

0

6.85 6.90 6.95 7.00 7.05

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Tgt Ion: 136 Resp: 1553102

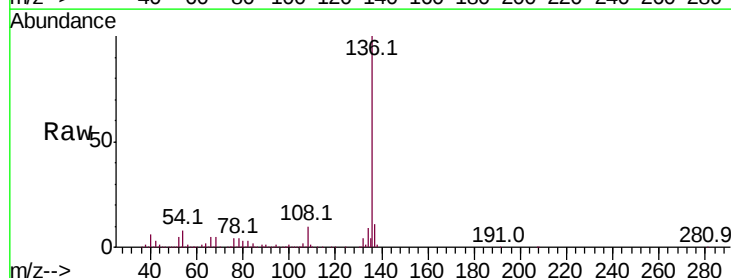
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 6.0 9.0

68 5.5 4.5 6.7



Abundance

Ion 136.00 (135.70 to 136.70): BM018391.D (-1299) (-)

Ion 137.00 (136.70 to 137.70): BM018391.D (-1299) (-)

Ion 54.00 (53.70 to 54.70): BM018391.D (-1299) (-)

Ion 68.00 (67.70 to 68.70): BM018391.D (-1299) (-)

1500000

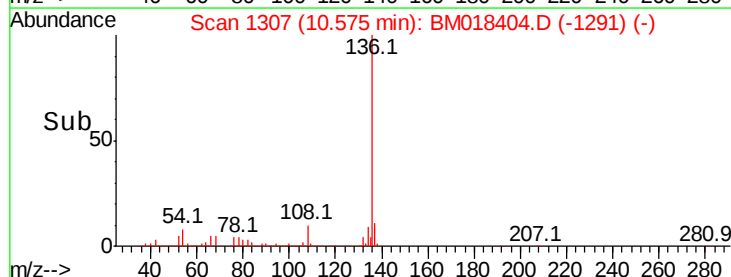
1000000

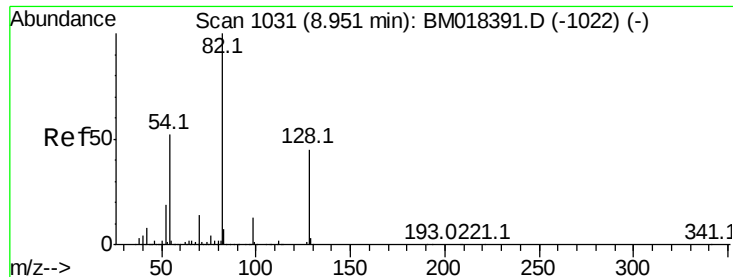
500000

0

10.50 10.55 10.60

Time-->

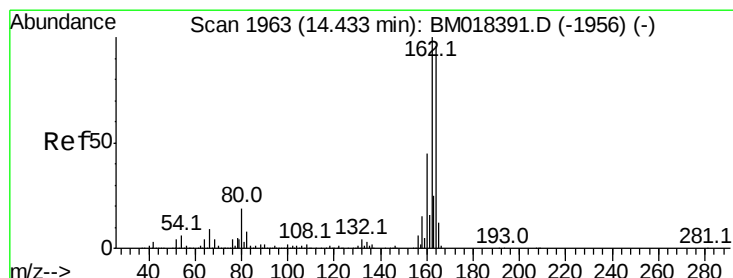
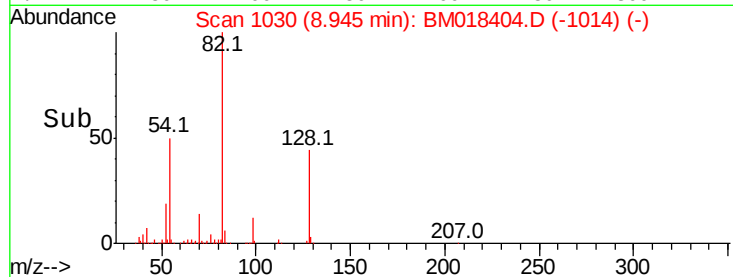
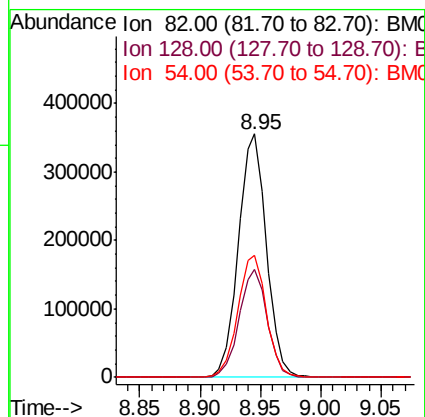
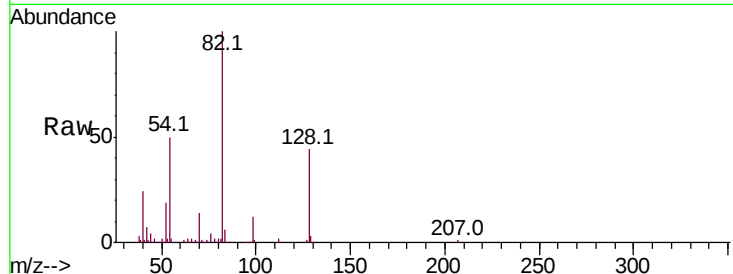




#23
Nitrobenzene-d5
Concen: 21.307 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

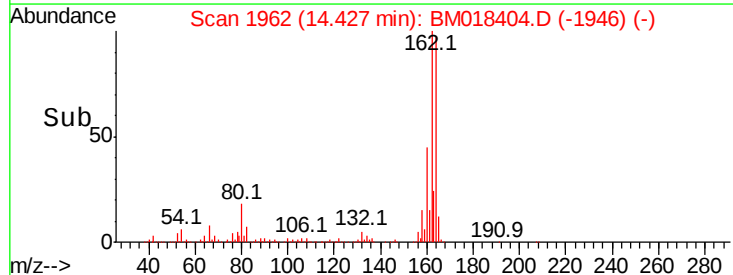
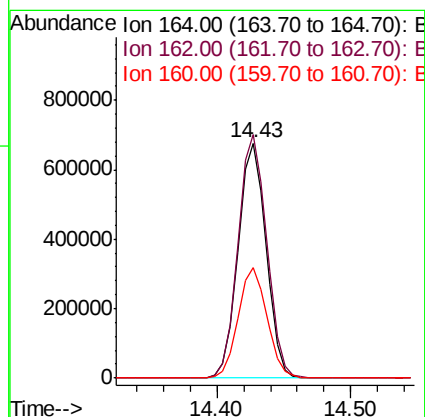
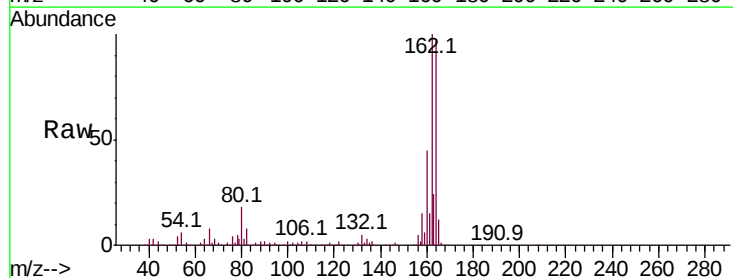
Instrument :
BNA_M
ClientSampleId :
PB116034BL

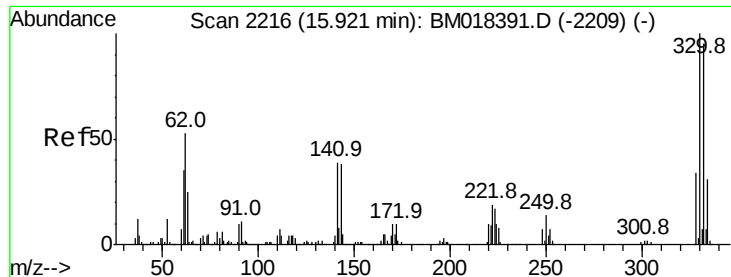
Tot Ion	82	Resp	576565
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.3	54.5
54	50.4	41.7	62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018404.D
Acq: 27 Dec 2018 19:53

Tgt Ion	164	Resp	978000
Ion Ratio	Lower	Upper	
164	100		
162	103.5	83.0	124.4
160	46.7	37.1	55.7

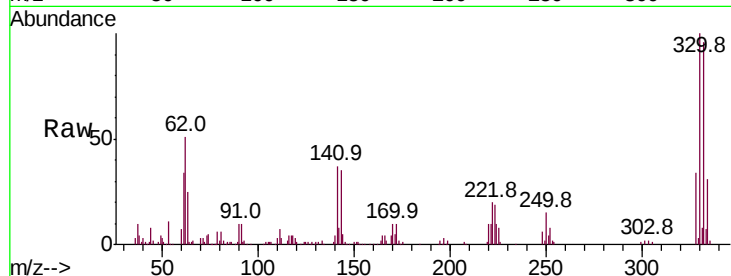




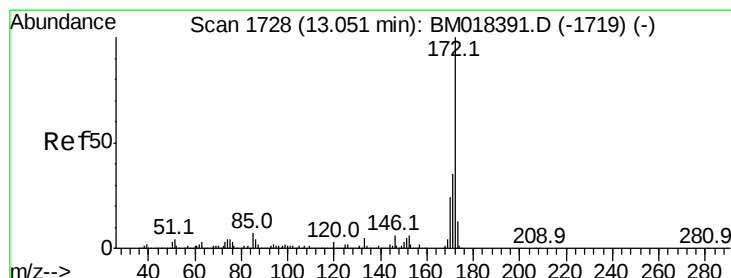
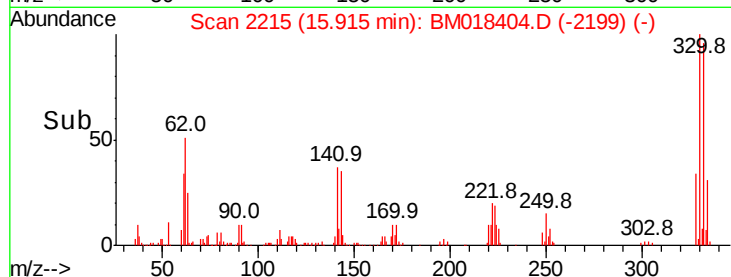
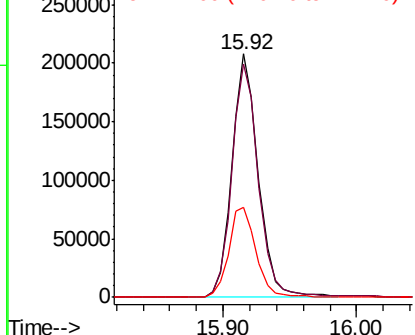
#42
 2,4,6-Tribromophenol
 Concen: 22.999 ng
 RT: 15.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BM018404.D
 Acq: 27 Dec 2018 19:53

Instrument :
 BNA_M
 ClientSampleId :
 PB116034BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.6	116.4
141	38.6	31.7	47.5

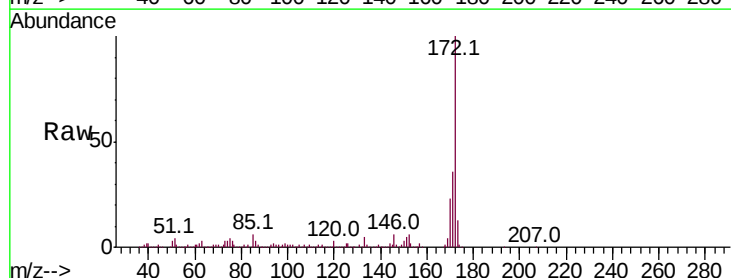


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

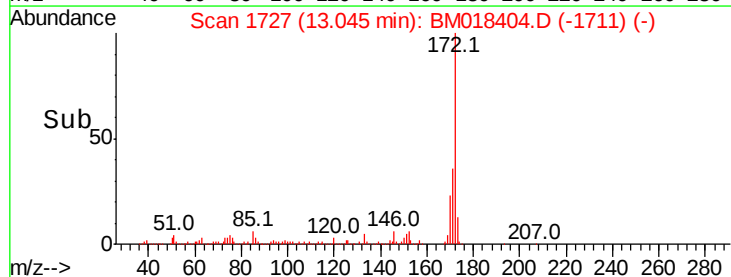
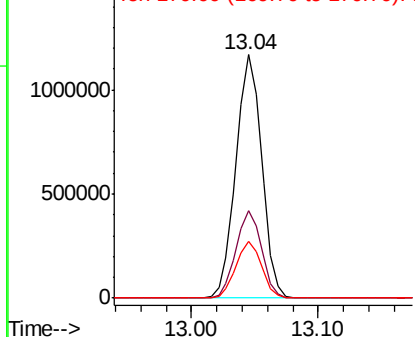


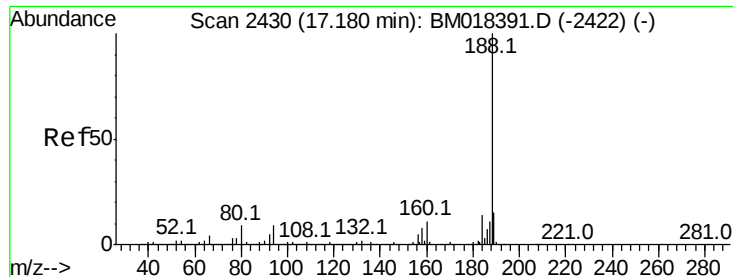
#45
 2-Fluorobiphenyl
 Concen: 22.770 ng
 RT: 13.04 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018404.D
 Acq: 27 Dec 2018 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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: 17.17 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

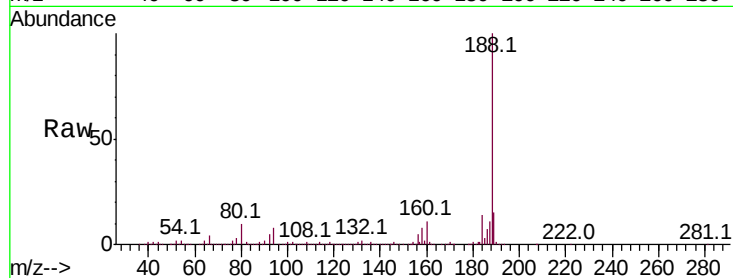
BNA_M

ClientSampleId :

PB116034BL

Tot Ion:188 Resp: 2342686

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.7	7.6	11.4



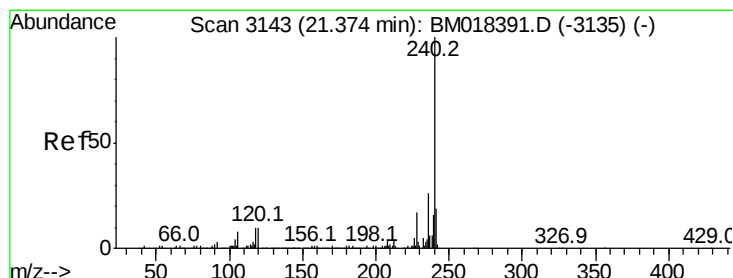
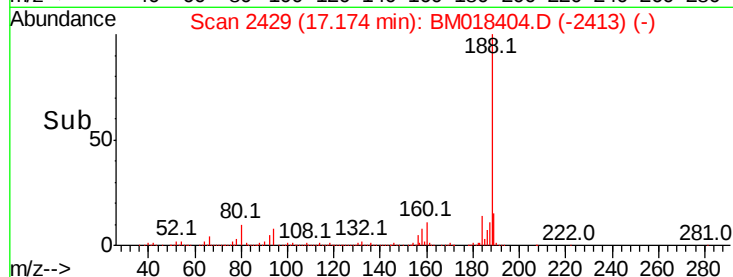
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

17.17

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3142

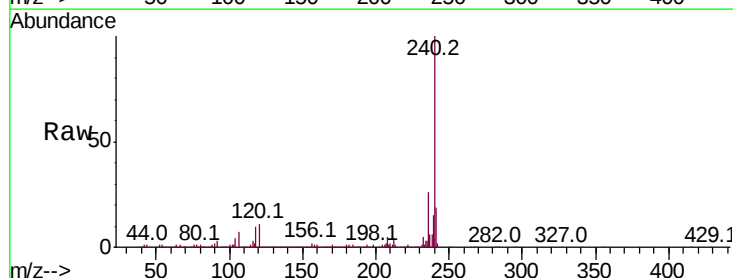
Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Tgt Ion:240 Resp: 2560469

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	25.9	20.7	31.1



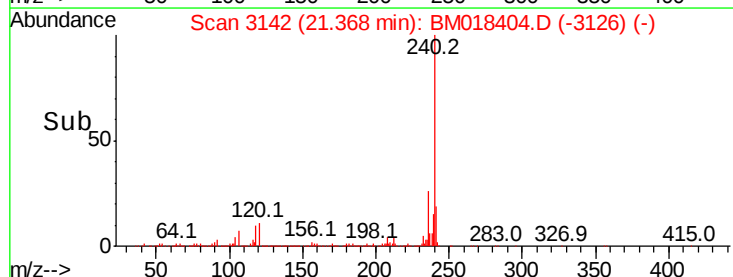
Abundance Ion 240.00 (239.70 to 240.70): E

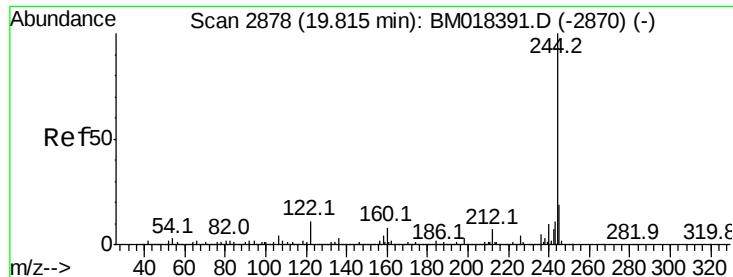
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.37

Time-->





#79

Terphenyl-d14

Concen: 37.883 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Instrument :

BNA_M

ClientSampleId :

PB116034BL

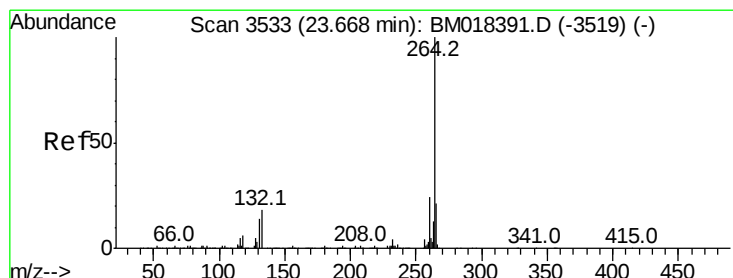
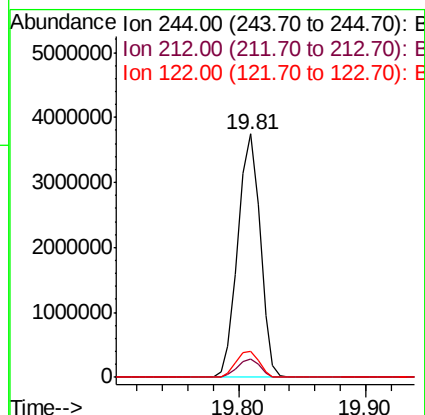
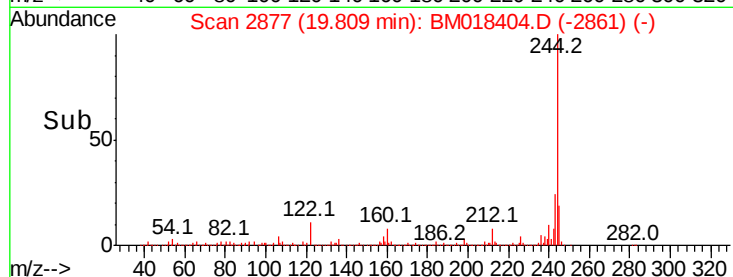
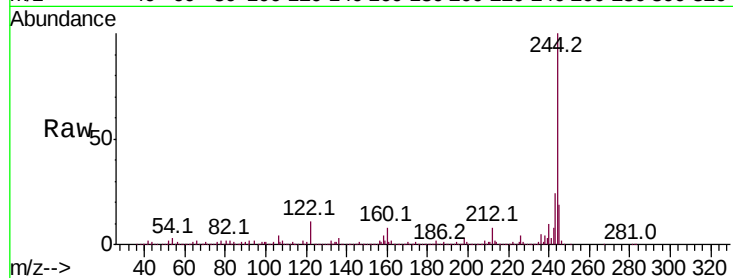
Tot Ion:244 Resp: 4552074

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 10.9 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM018404.D

Acq: 27 Dec 2018 19:53

Tgt Ion:264 Resp: 2624605

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.3 16.8 25.2

