

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018406.D
 Acq On : 27 Dec 2018 21:05
 Operator : JU/SJ
 Sample : PB116035BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

Quant Time: Dec 28 04:37:26 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	314046	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1418356	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	875200	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2039036	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2239550	20.00	ng	0.00
87) Perylene-d12	23.66	264	2312357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	212659	12.77	ng	0.00
7) Phenol-d6	6.93	99	210050	9.08	ng	0.00
23) Nitrobenzene-d5	8.95	82	497348	20.13	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	325577	29.28	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1488792	23.04	ng	0.00
79) Terphenyl-d14	19.81	244	3508412	33.38	ng	0.00

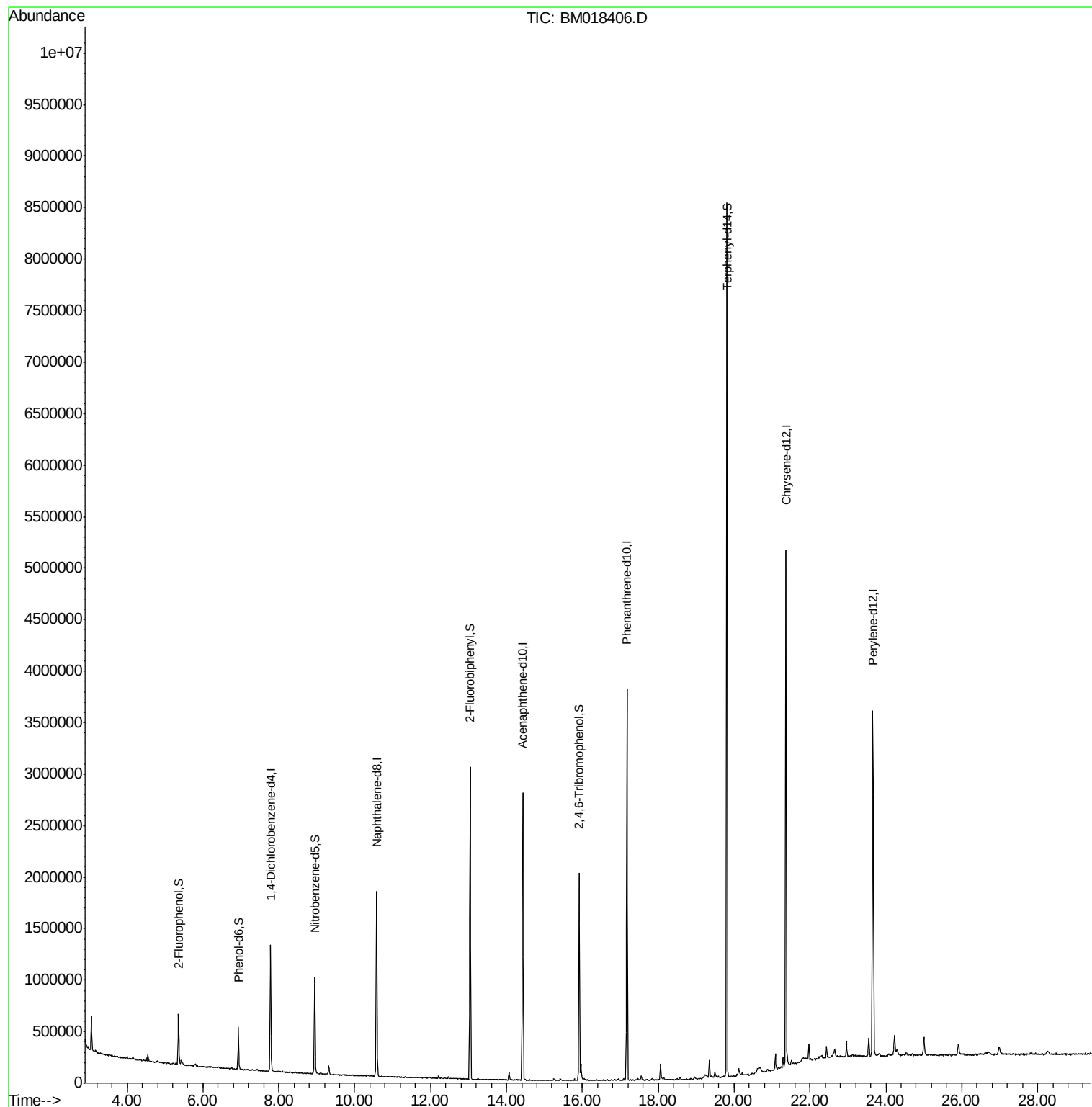
Target Compounds Qvalue

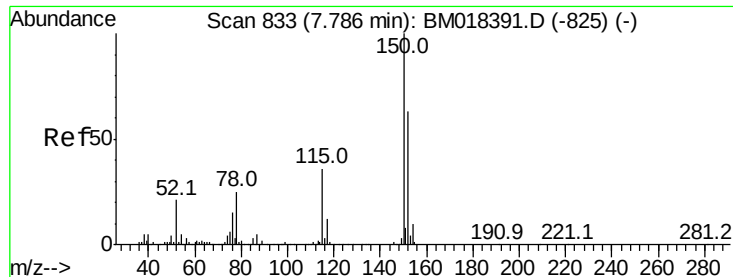
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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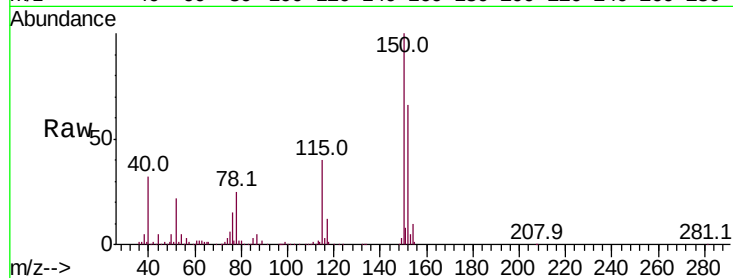


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Instrument :
BNA_M
ClientSampleId :
PB116035BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.9	190.3
115	59.8	45.5	68.3

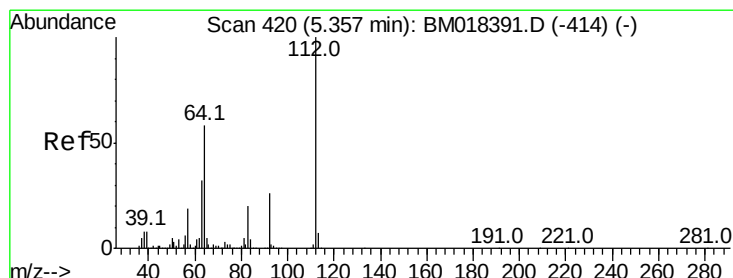
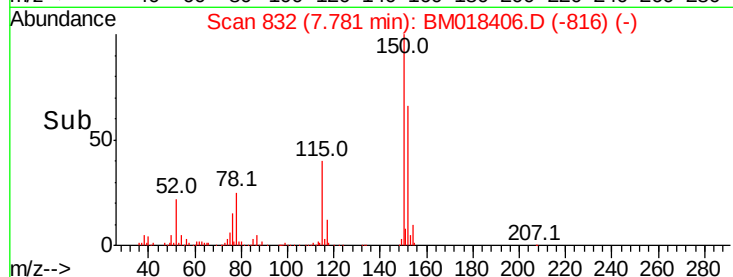
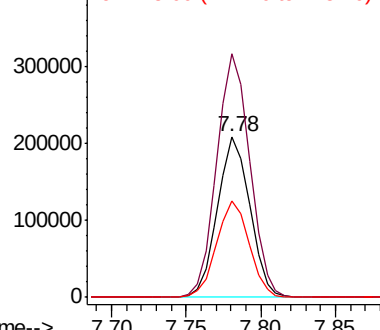


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

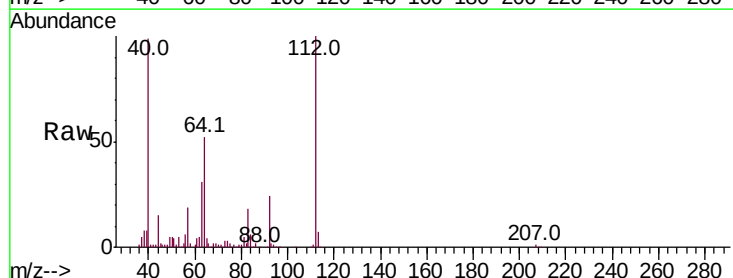
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 12.767 ng
RT: 5.36 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.5	69.7
63	30.8	25.2	37.8

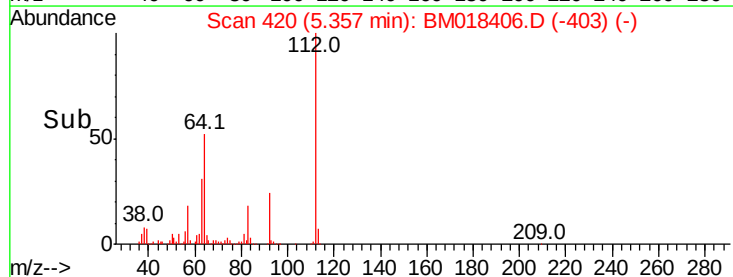
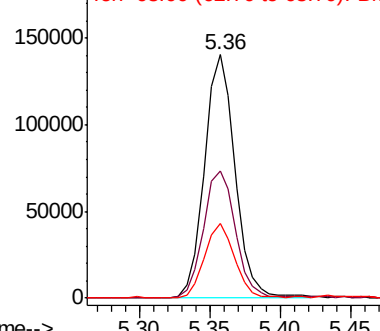


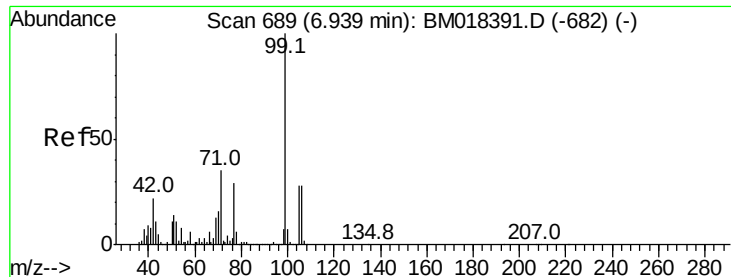
Abundance

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: 9.082 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

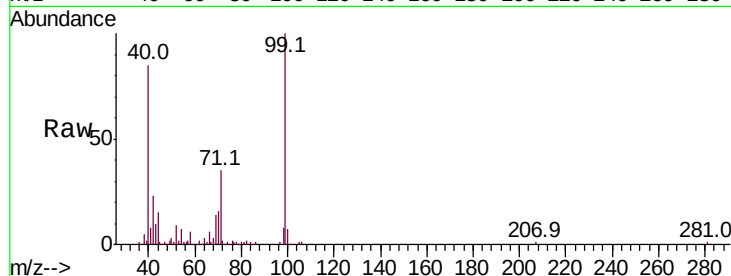
Tot Ion: 99 Resp: 210050

Ion Ratio Lower Upper

99 100

42 22.9 17.3 25.9

71 35.2 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

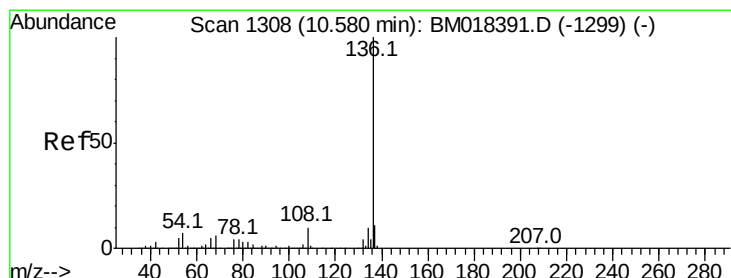
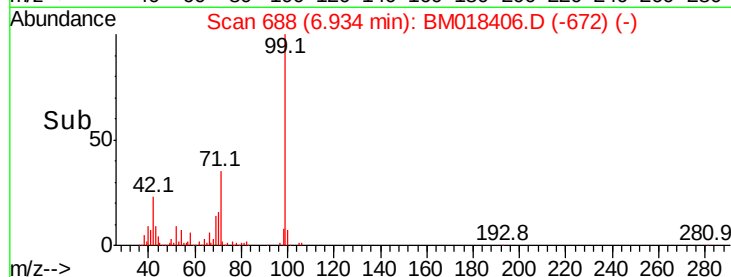
100000

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: BM018406.D

Acq: 27 Dec 2018 21:05

Tgt Ion: 136 Resp: 1418356

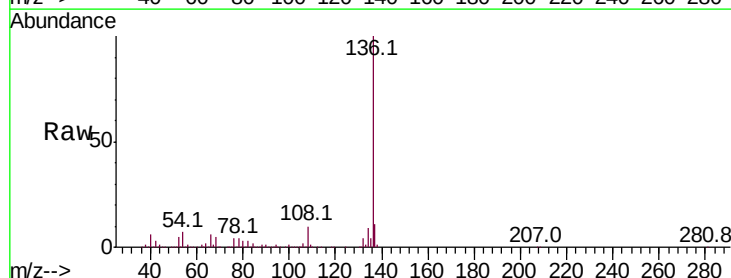
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.2 6.0 9.0

68 4.9 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) (-)

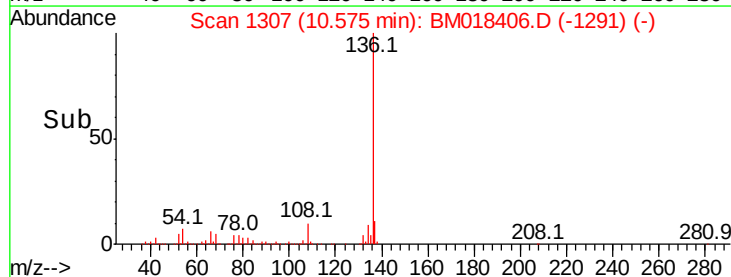
1000000

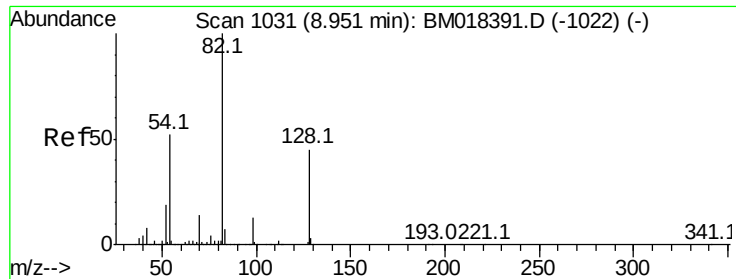
500000

0

10.50 10.55 10.60

Time-->

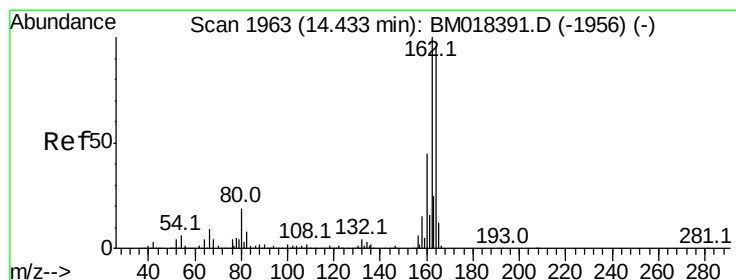
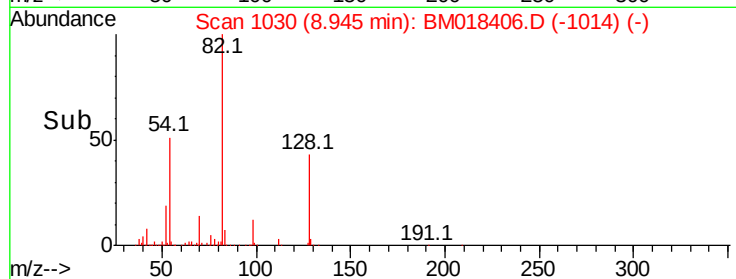
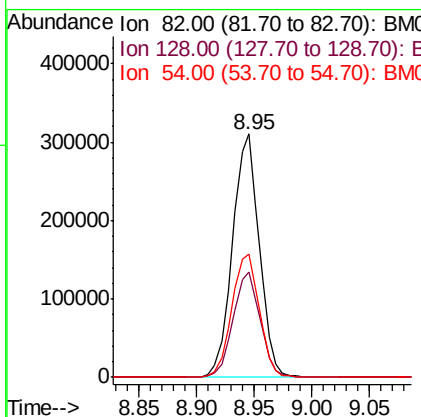
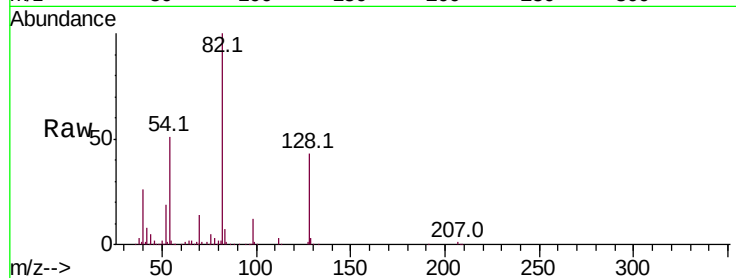




#23
Nitrobenzene-d5
Concen: 20.125 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

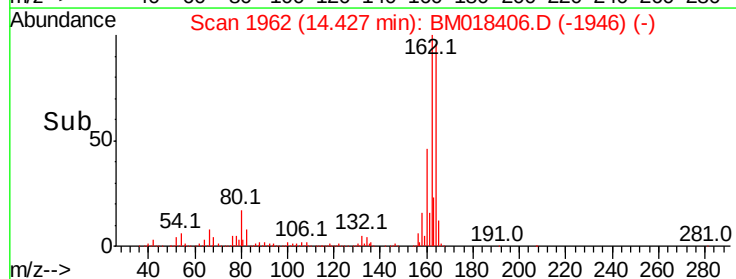
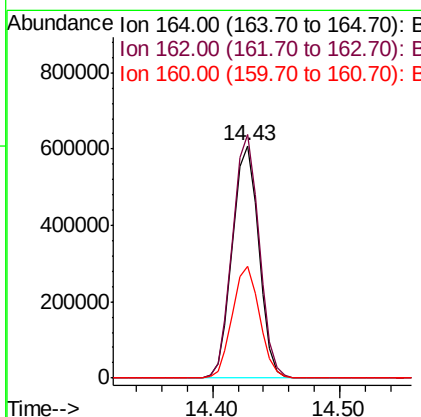
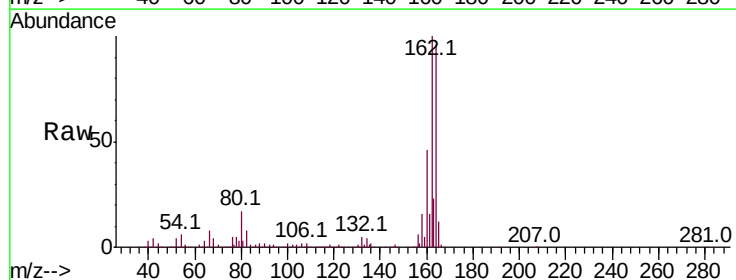
Instrument :
BNA_M
ClientSampleId :
PB116035BL

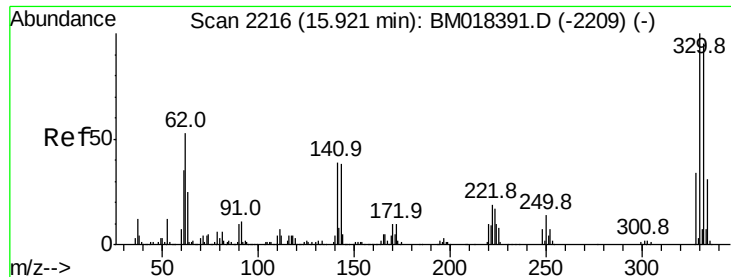
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.3	54.5
54	50.5	41.7	62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018406.D
Acq: 27 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.4
160	47.8	37.1	55.7

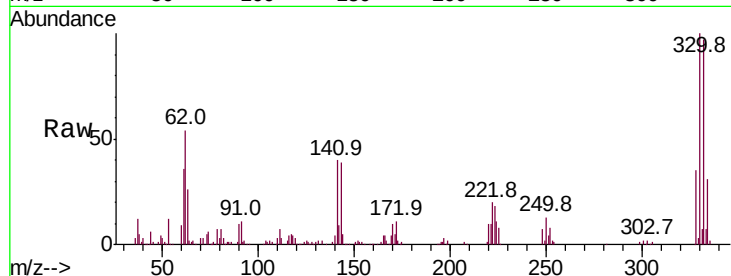




#42
 2,4,6-Tribromophenol
 Concen: 29.278 ng
 RT: 15.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	40.5	31.7	47.5

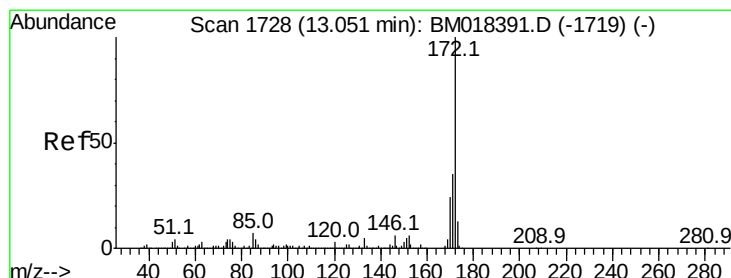
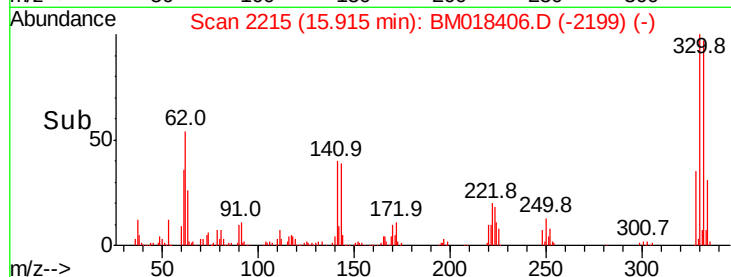
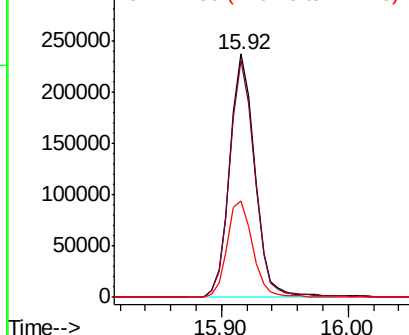


Abundance

Ion 329.80 (329.50 to 330.50): E

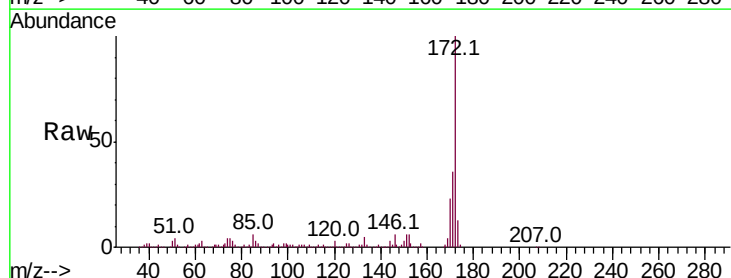
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 23.039 ng
 RT: 13.05 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018406.D
 Acq: 27 Dec 2018 21:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	22.8	18.9	28.3

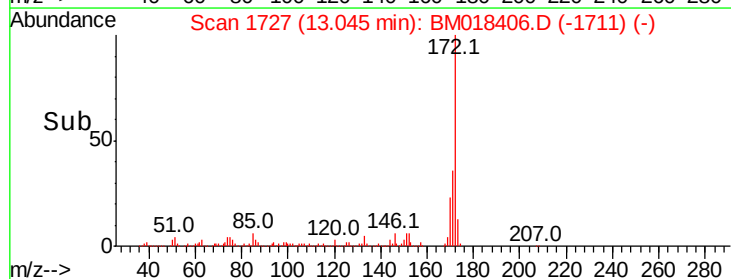
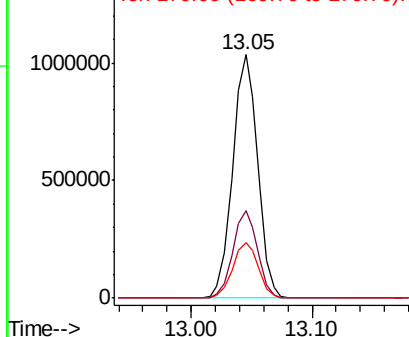


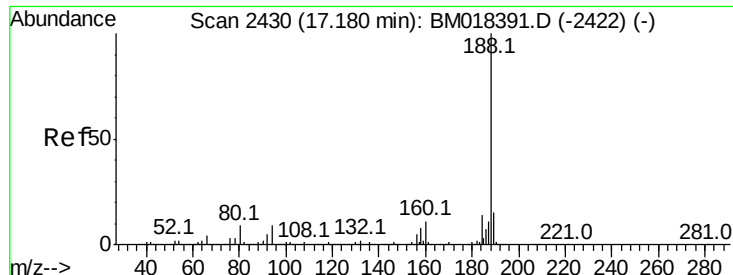
Abundance

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: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

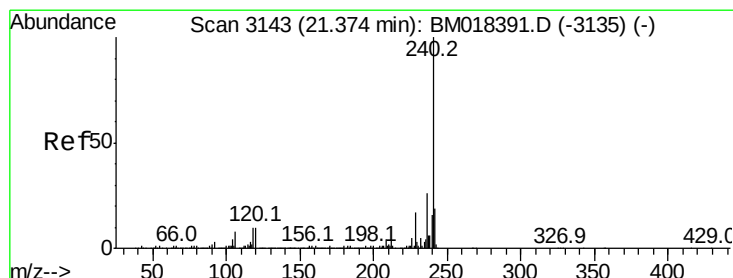
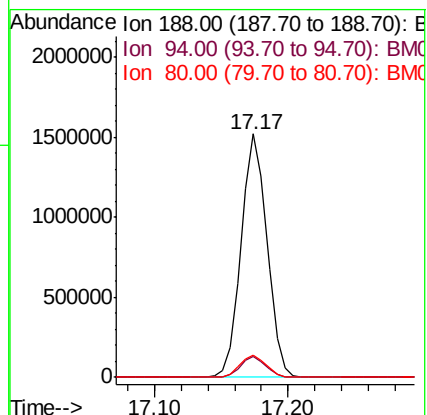
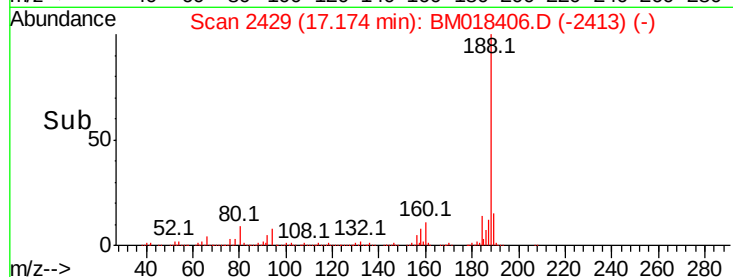
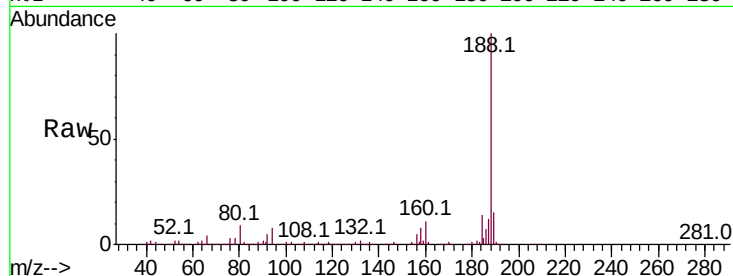
Tot Ion:188 Resp: 2039036

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

80 9.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

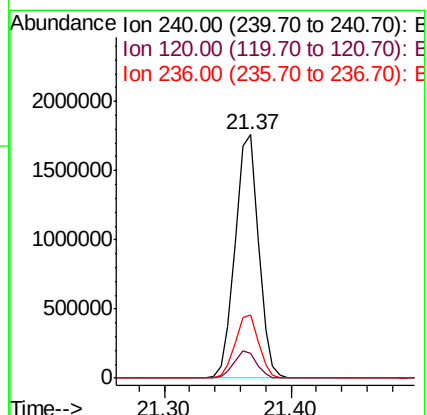
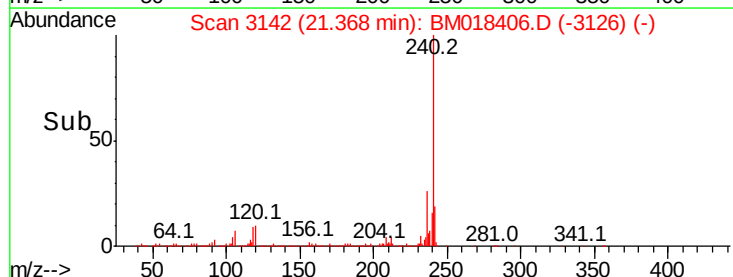
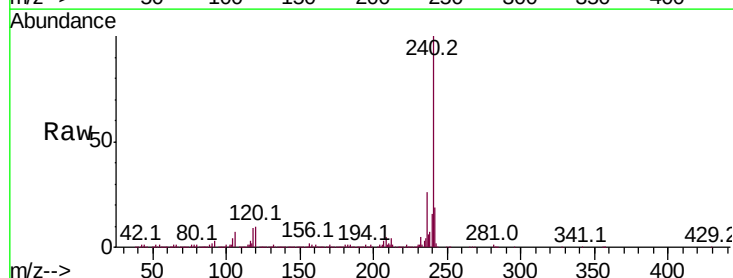
Tgt Ion:240 Resp: 2239550

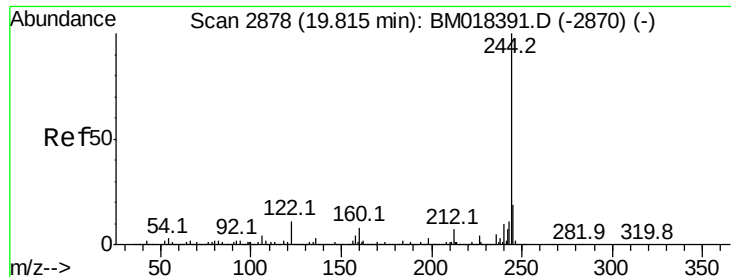
Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 33.382 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

Instrument :

BNA_M

ClientSampleId :

PB116035BL

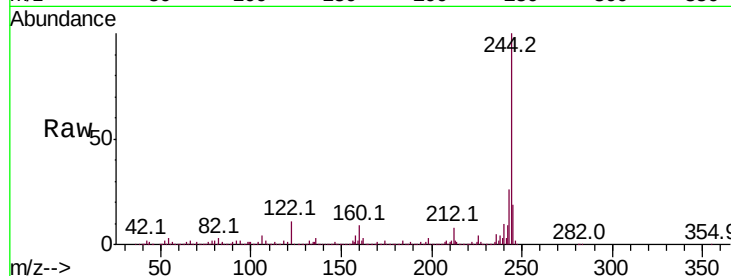
Tot Ion:244 Resp: 3508412

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

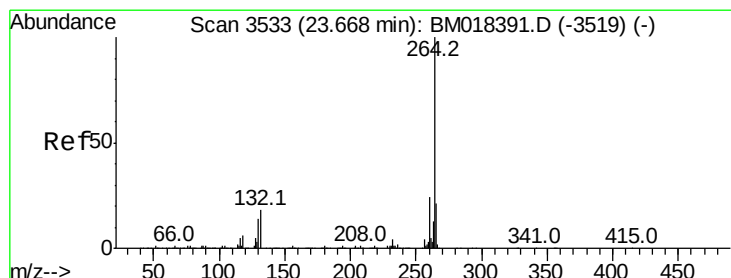
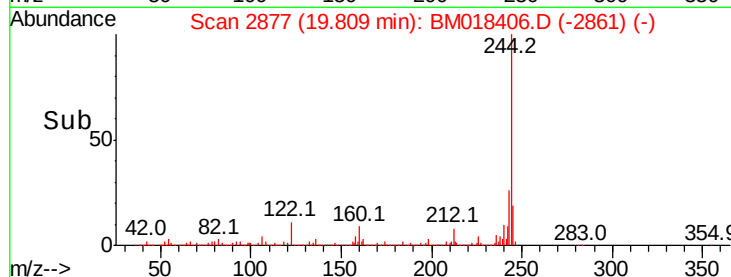
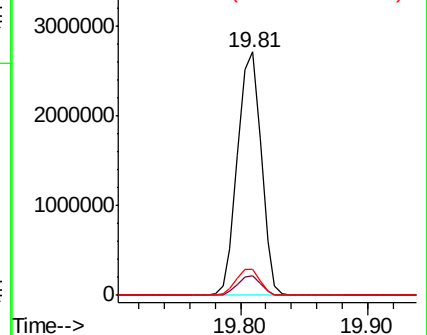
122 10.5 9.0 13.4



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: 23.66 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM018406.D

Acq: 27 Dec 2018 21:05

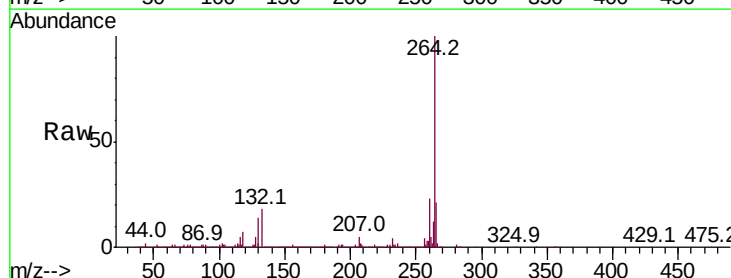
Tgt Ion:264 Resp: 2312357

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.2 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

