

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
 Data File : BM018713.D
 Acq On : 01 Feb 2019 19:25
 Operator : JU/SJ
 Sample : K1308-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-18(34.5-35)

Quant Time: Feb 01 22:22:29 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 22:01:30 2019
 Response via : Initial Calibration

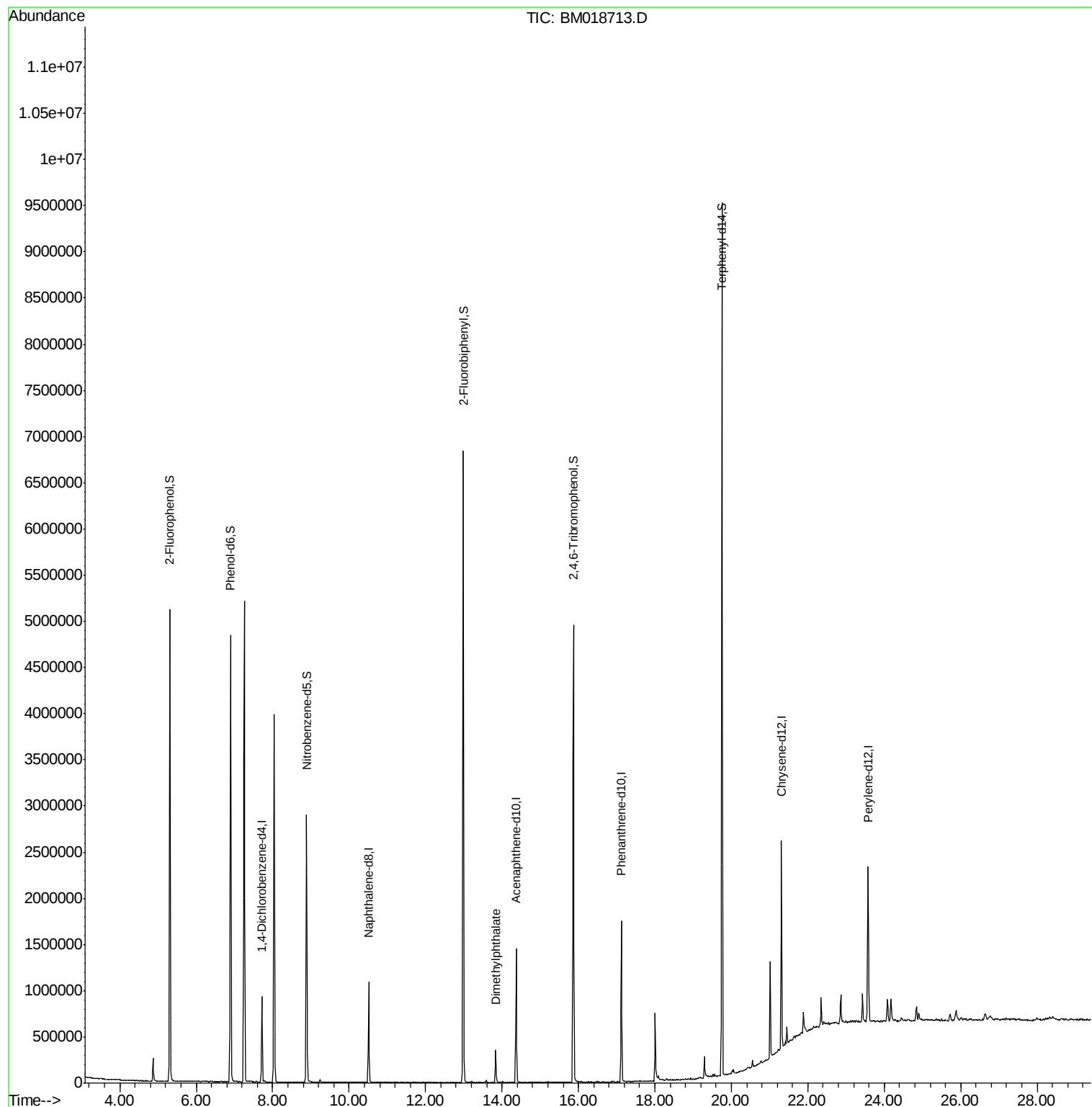
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	249377	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	934940	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	470301	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	1006917	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	1053754	20.00	ng	-0.02
87) Perylene-d12	23.57	264	1175812	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2108916	156.15	ng	-0.02
7) Phenol-d6	6.90	99	2637008	153.73	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1595469	98.93	ng	-0.02
42) 2,4,6-Tribromophenol	15.87	330	925999	154.64	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3465210	96.14	ng	-0.02
79) Terphenyl-d14	19.76	244	4488966	89.80	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.83	163	241528	6.253	ng	Qvalue 97

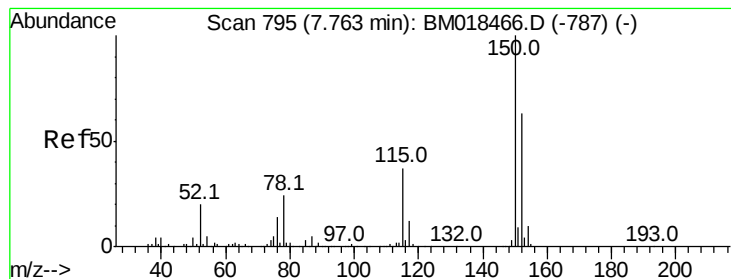
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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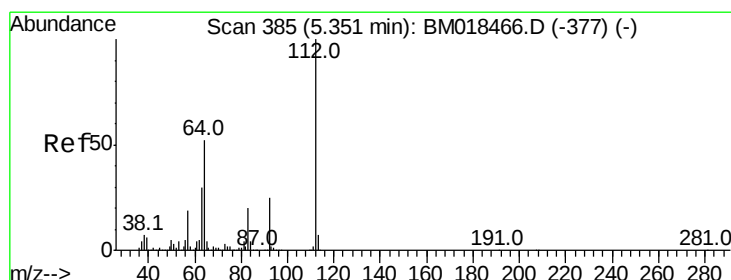
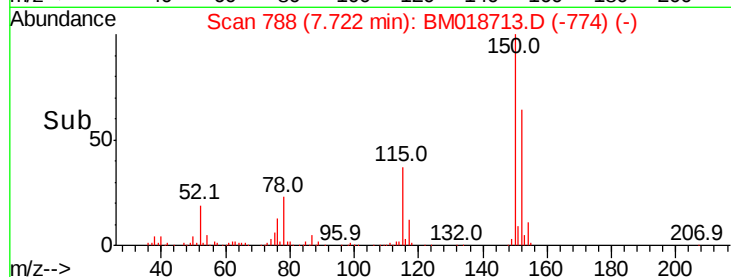
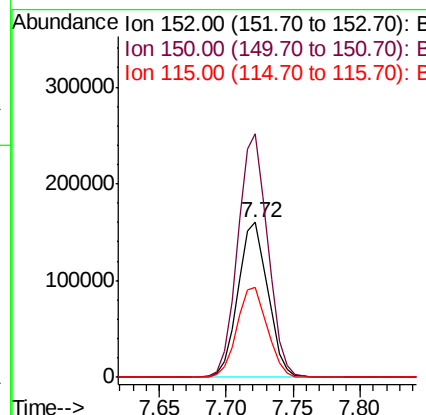
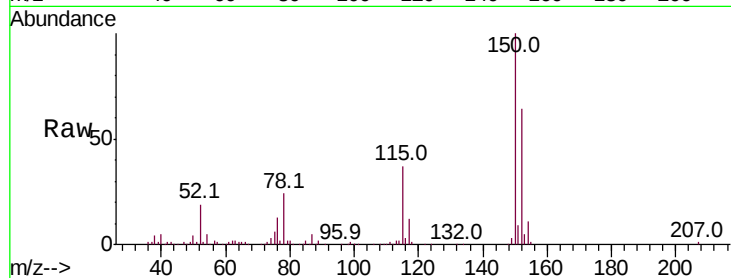


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018713.D
Acq: 01 Feb 2019 19:25

Instrument :
BNA_M
ClientSampleId :
SB-18(34.5-35)

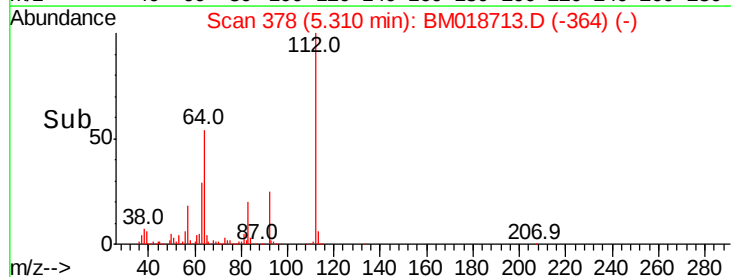
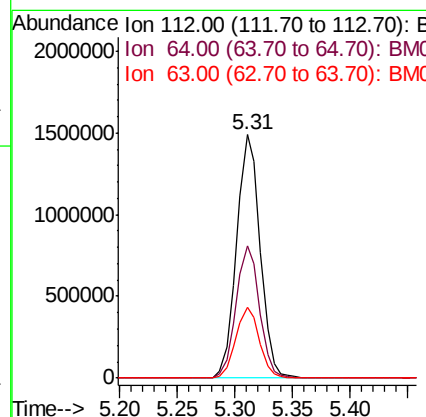
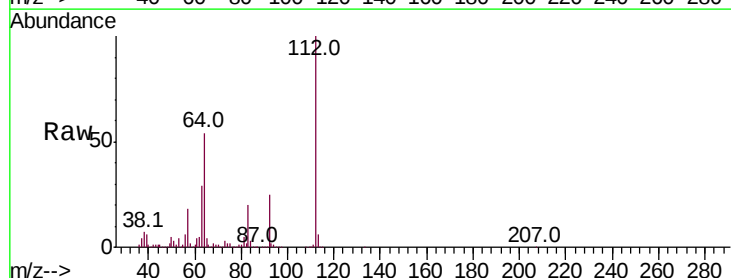
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	58.0	45.5	68.3

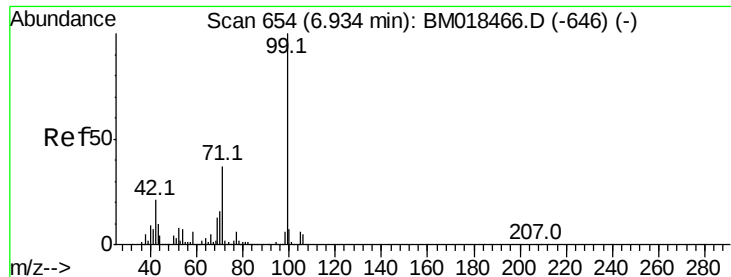


#5

2-Fluorophenol
Concen: 156.153 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018713.D
Acq: 01 Feb 2019 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.5	69.7
63	29.3	25.2	37.8





#7

Phenol-d6

Concen: 153.730 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018713.D

Acq: 01 Feb 2019 19:25

Instrument :

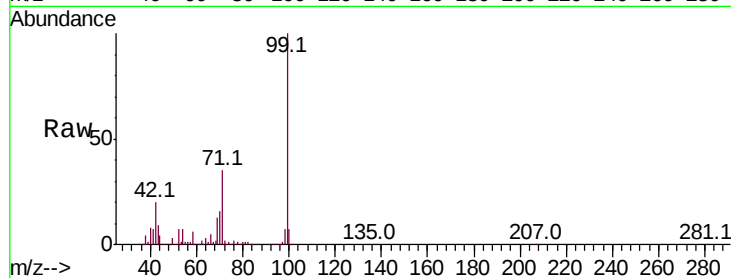
BNA_M

ClientSampleId :

SB-18(34.5-35)

Tot Ion: 99 Resp: 2637008

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.3	25.9
71	35.4	28.0	42.0

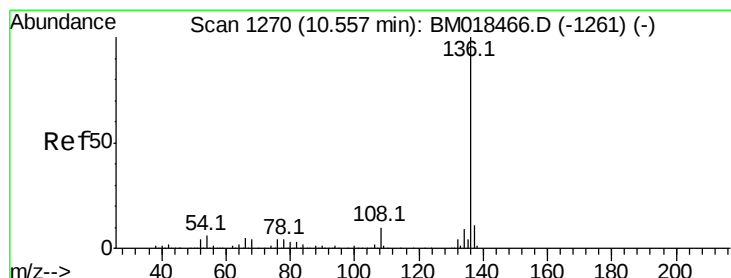
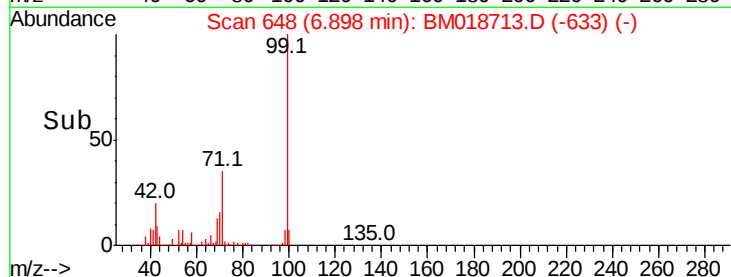
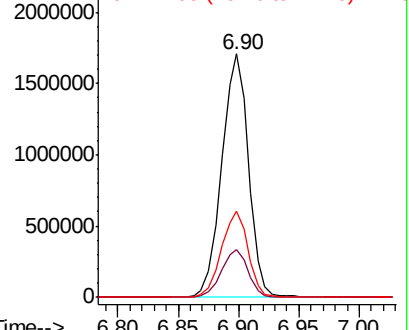


Abundance

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: 10.51 min Scan# 1262

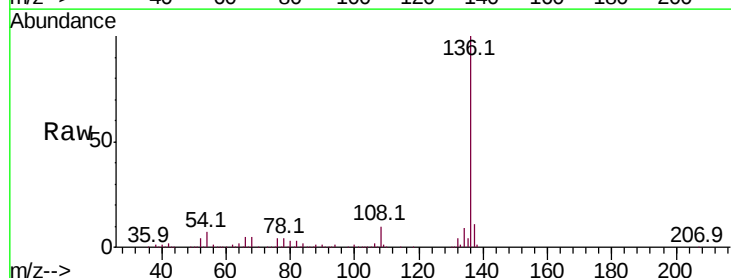
Delta R.T. -0.02 min

Lab File: BM018713.D

Acq: 01 Feb 2019 19:25

Tgt Ion: 136 Resp: 934940

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.7	6.0	9.0
68	4.8	4.5	6.7



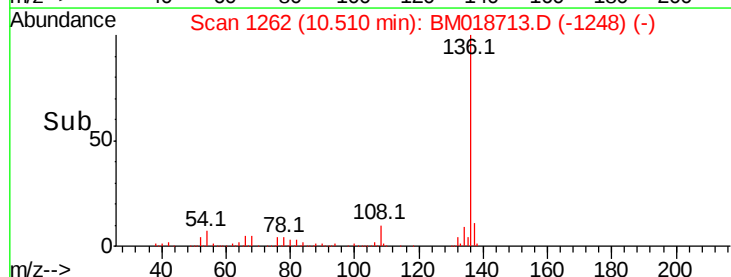
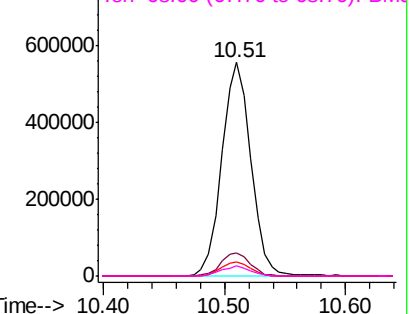
Abundance

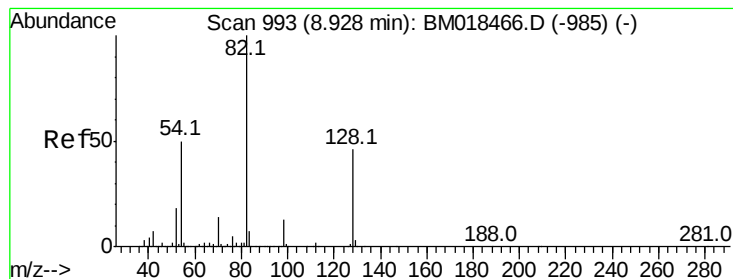
Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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: 98.927 ng

RT: 8.89 min Scan# 986

Delta R.T. -0.02 min

Lab File: BM018713.D

Acq: 01 Feb 2019 19:25

Instrument :

BNA_M

ClientSampleId :

SB-18(34.5-35)

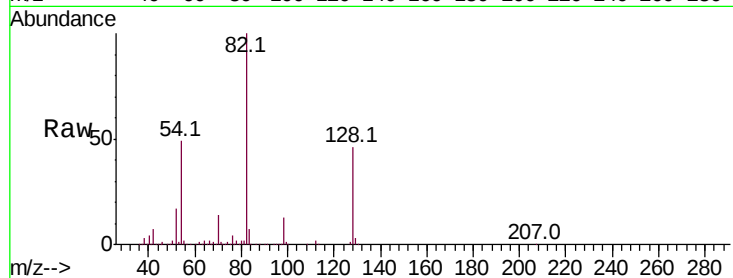
Tot Ion: 82 Resp: 1595469

Ion Ratio Lower Upper

82 100

128 45.7 36.3 54.5

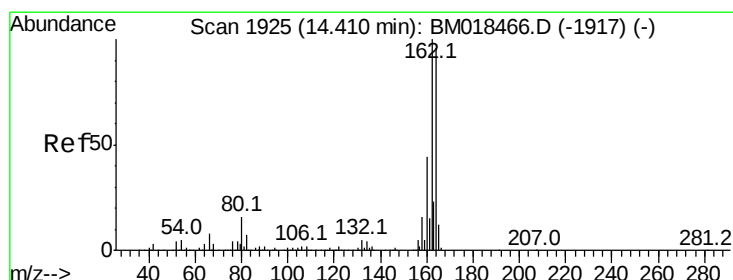
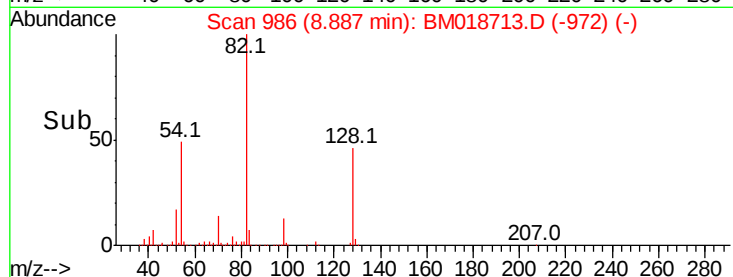
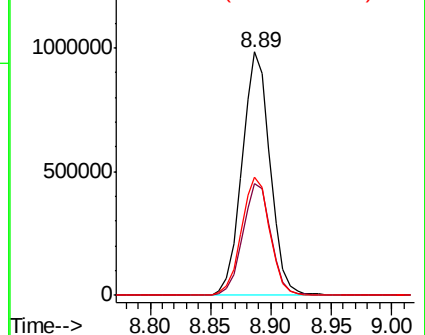
54 48.6 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM018713.D

Acq: 01 Feb 2019 19:25

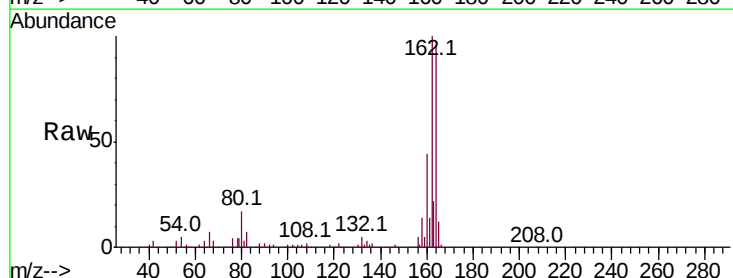
Tgt Ion:164 Resp: 470301

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.4

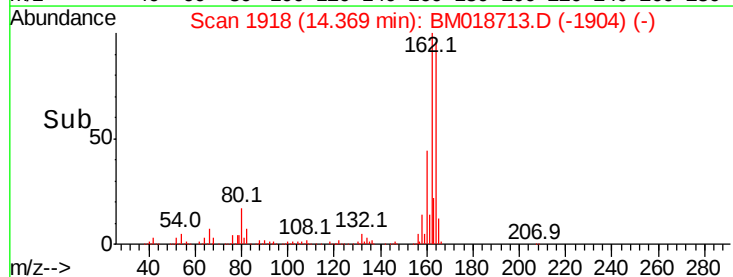
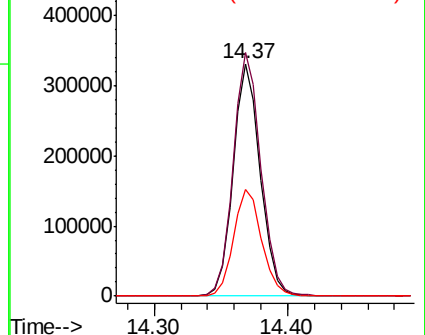
160 46.1 37.1 55.7

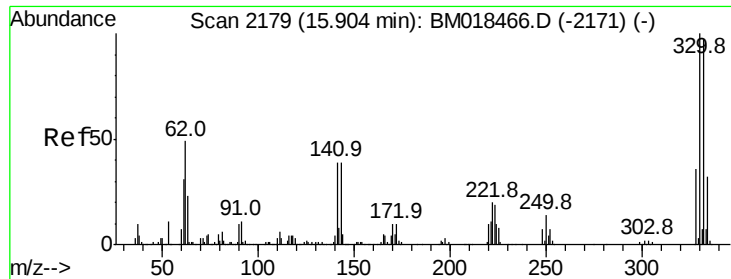


Abundance Ion 164.00 (163.70 to 164.70): BM018466.D (-1917) (-)

Ion 162.00 (161.70 to 162.70): BM018466.D (-1917) (-)

Ion 160.00 (159.70 to 160.70): BM018466.D (-1917) (-)

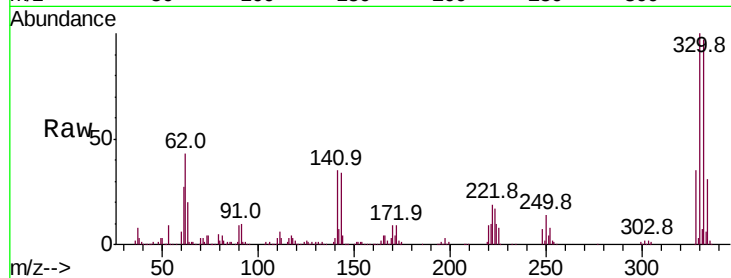




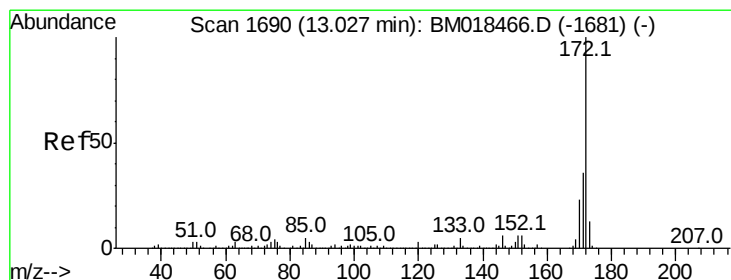
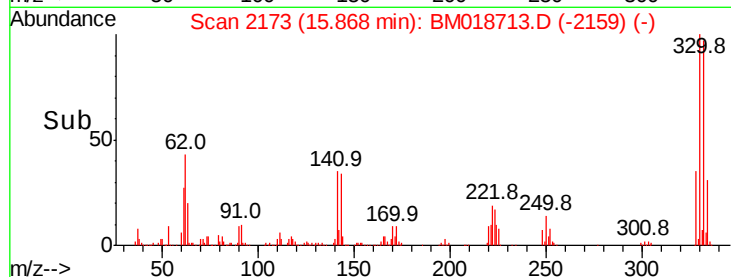
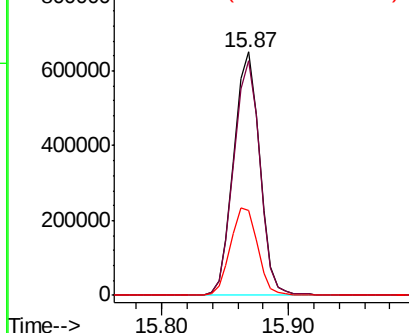
#42
 2,4,6-Tribromophenol
 Concen: 154.636 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM018713.D
 Acq: 01 Feb 2019 19:25

Instrument :
 BNA_M
 ClientSampleId :
 SB-18(34.5-35)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	37.5	31.7	47.5

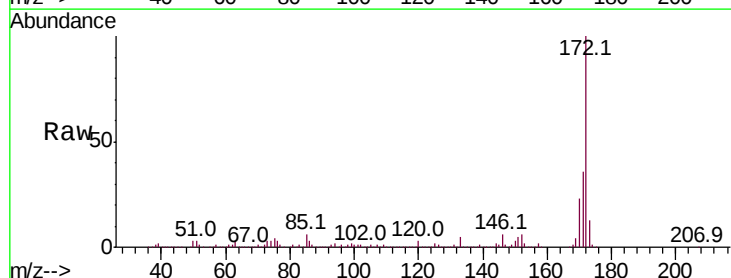


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

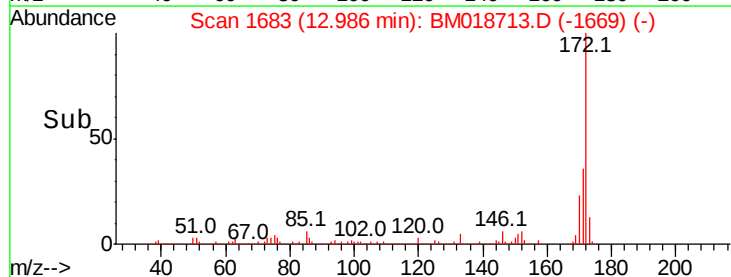
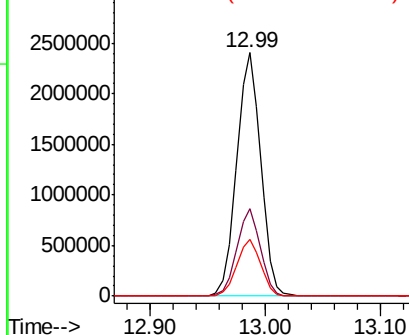


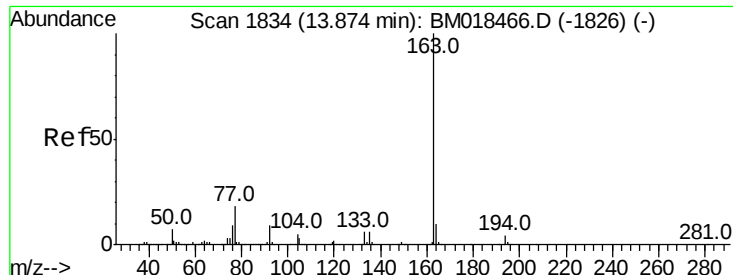
#45
 2-Fluorobiphenyl
 Concen: 96.143 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM018713.D
 Acq: 01 Feb 2019 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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





#50

Dimethylphthalate

Concen: 6.253 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BM018713.D

Acq: 01 Feb 2019 19:25

Instrument :

BNA_M

ClientSampleId :

SB-18(34.5-35)

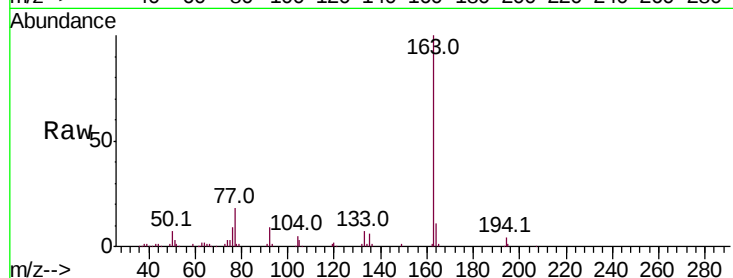
Tot Ion:163 Resp: 241528

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

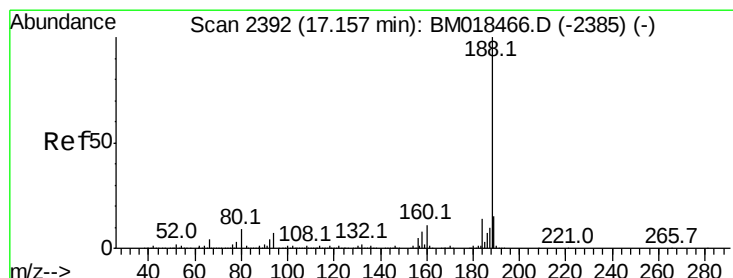
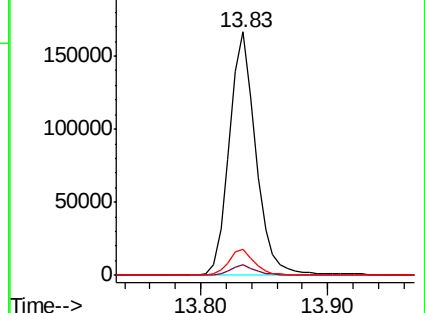
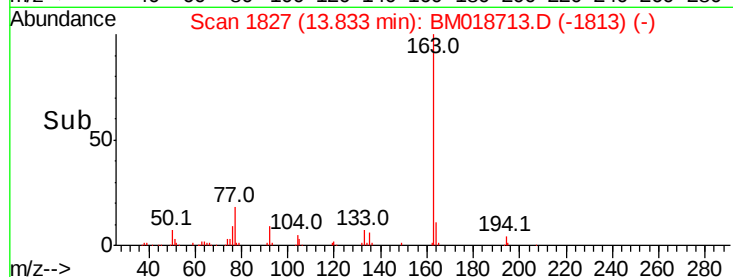
164 10.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM018713.D

Acq: 01 Feb 2019 19:25

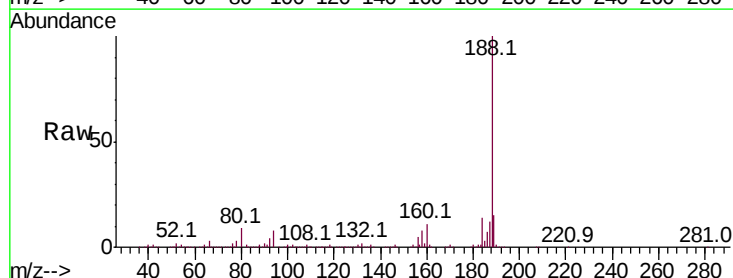
Tgt Ion:188 Resp: 1006917

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

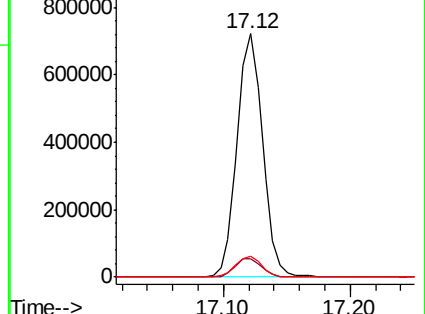
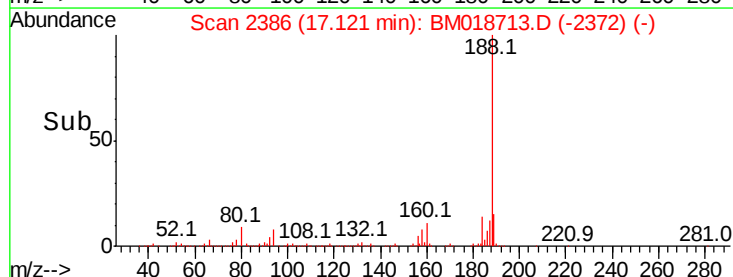
80 8.7 7.6 11.4

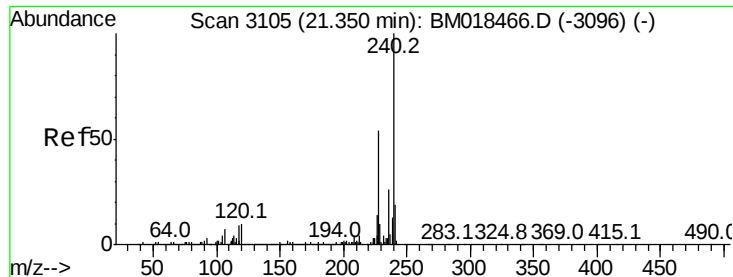


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018713.D

Acq: 01 Feb 2019 19:25

Instrument :

BNA_M

ClientSampleId :

SB-18(34.5-35)

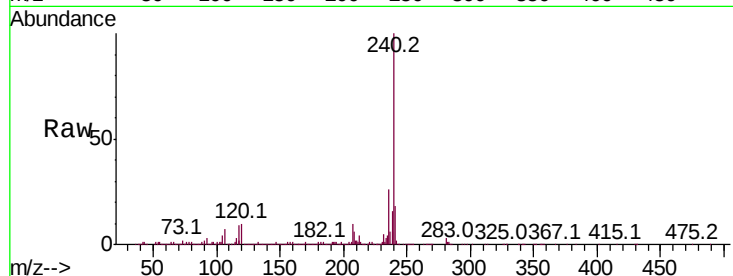
Tot Ion:240 Resp: 1053754

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

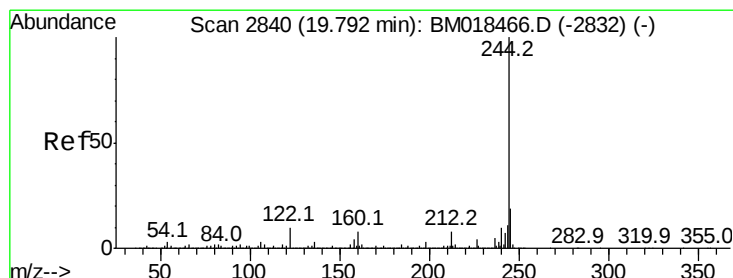
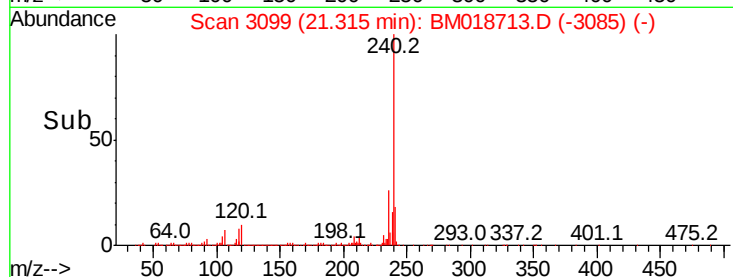
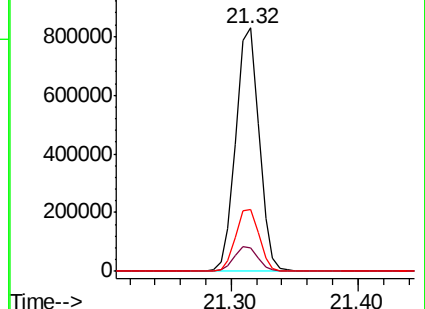
236 25.6 20.7 31.1



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: 89.802 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018713.D

Acq: 01 Feb 2019 19:25

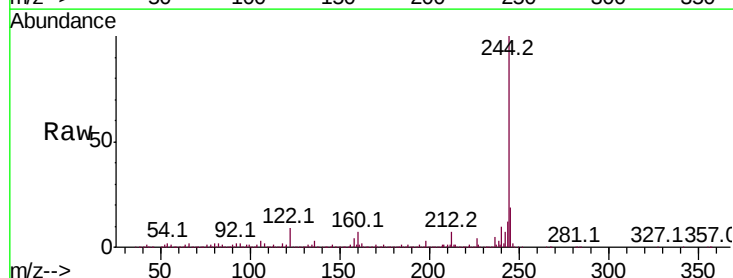
Tgt Ion:244 Resp: 4488966

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

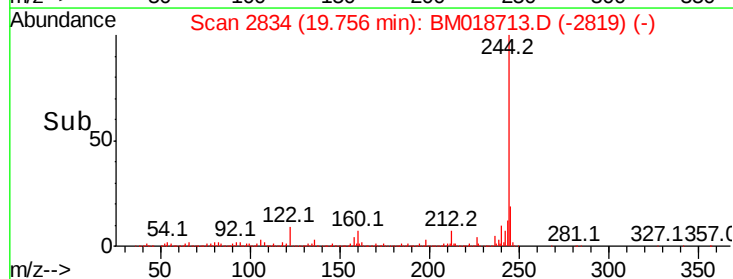
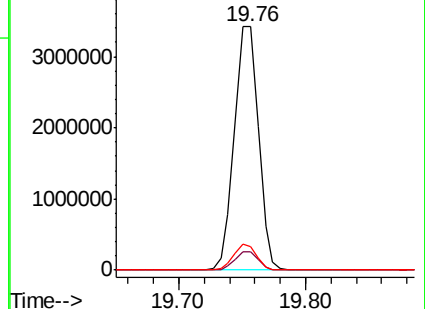
122 9.4 9.0 13.4

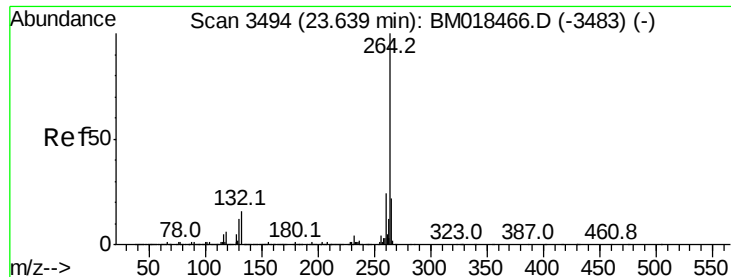


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. -0.03 min

Lab File: BM018713.D

Acq: 01 Feb 2019 19:25

Instrument :

BNA_M

ClientSampleId :

SB-18(34.5-35)

Tot Ion:264 Resp: 1175812

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.7 16.8 25.2

