

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
 Data File : BM018570.D
 Acq On : 15 Jan 2019 20:41
 Operator : JU/SJ
 Sample : K1139-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-9

Quant Time: Jan 16 00:07:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	249333	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	924328	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	515740	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1234831	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1470463	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1517911	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1912444	141.63	ng	0.00
7) Phenol-d6	6.93	99	2130179	124.21	ng	0.00
23) Nitrobenzene-d5	8.92	82	1648488	103.39	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1121694	170.81	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	4050966	102.49	ng	0.00
79) Terphenyl-d14	19.78	244	7146888	102.46	ng	0.00

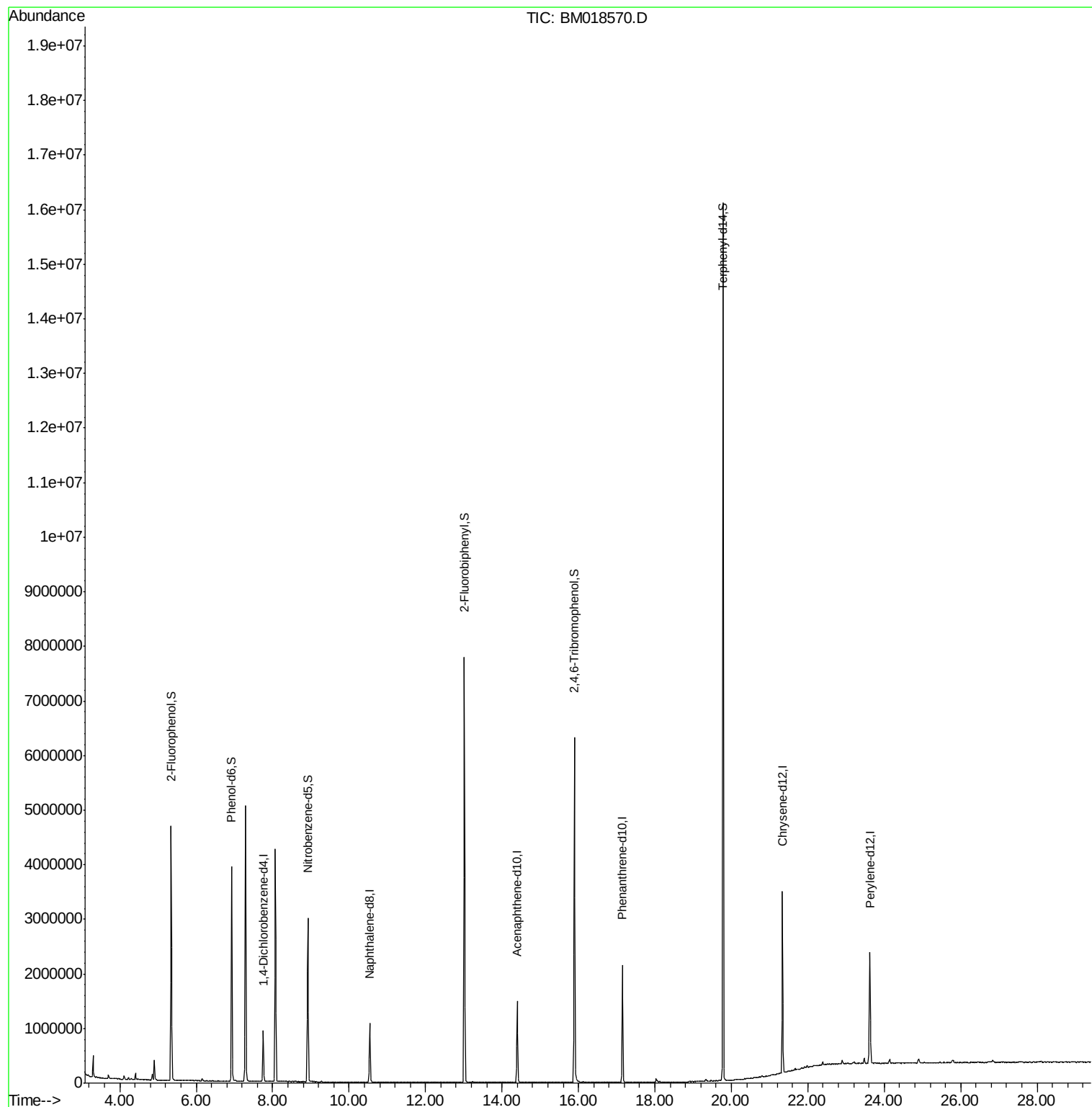
Target Compounds Qvalue

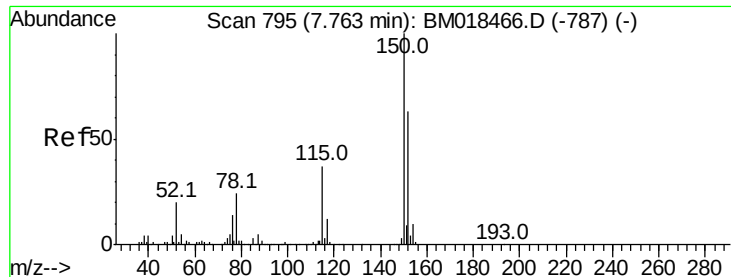
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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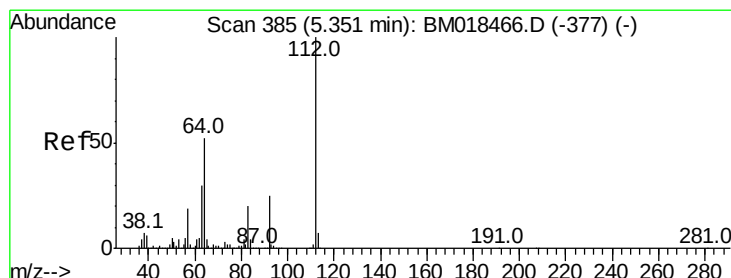
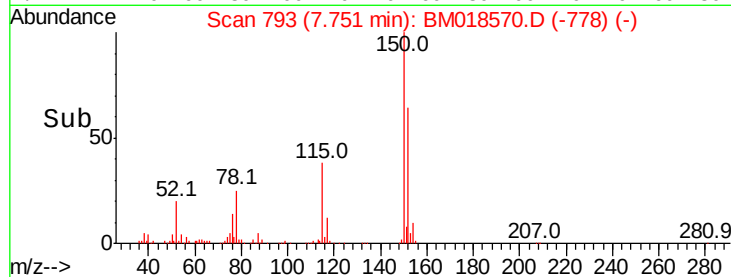
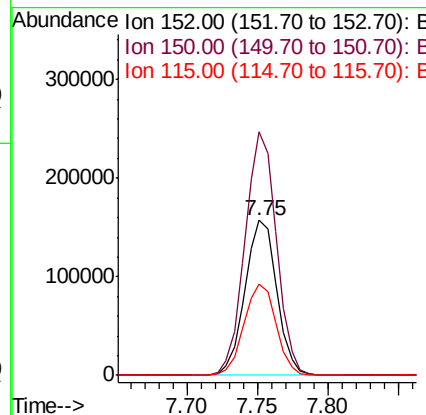
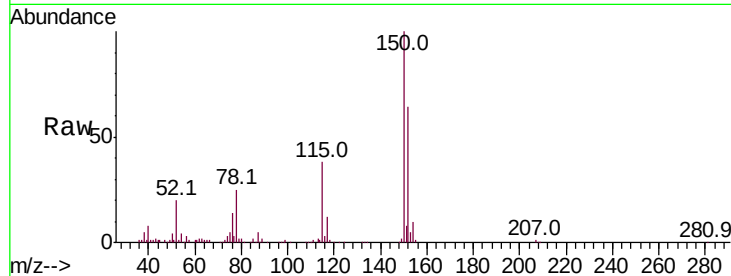


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018570.D
Acq: 15 Jan 2019 20:41

Instrument :
BNA_M
ClientSampleId :
S-9

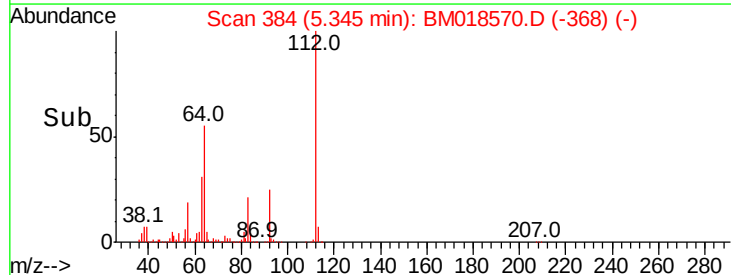
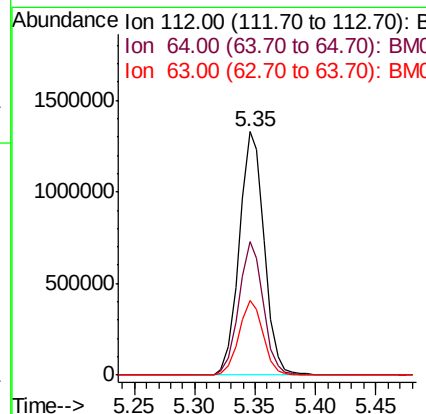
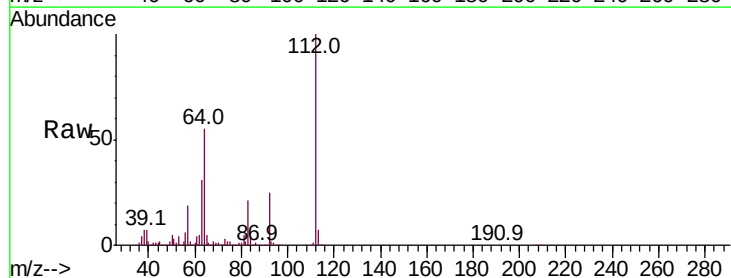
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.9	190.3
115	59.1	45.5	68.3

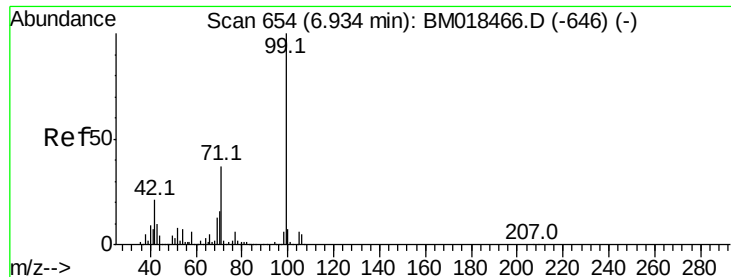


#5

2-Fluorophenol
Concen: 141.630 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018570.D
Acq: 15 Jan 2019 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.5	69.7
63	30.9	25.2	37.8





#7

Phenol-d6

Concen: 124.205 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018570.D

Acq: 15 Jan 2019 20:41

Instrument :

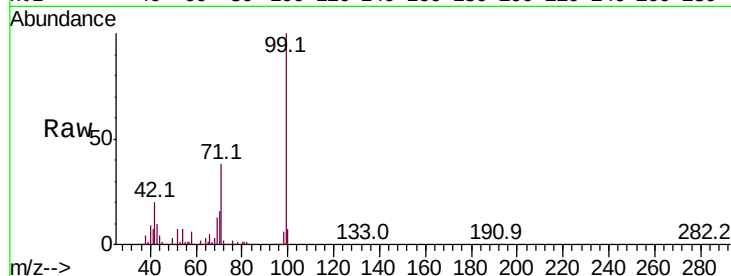
BNA_M

ClientSampleId :

S-9

Tot Ion: 99 Resp: 2130179

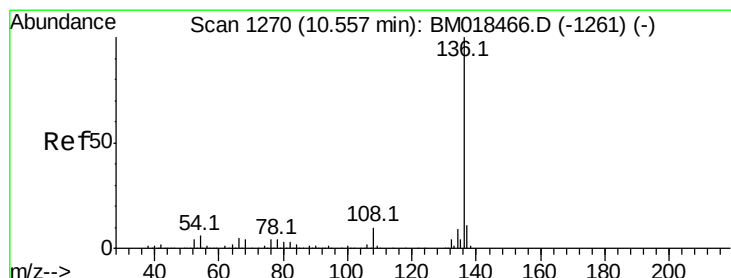
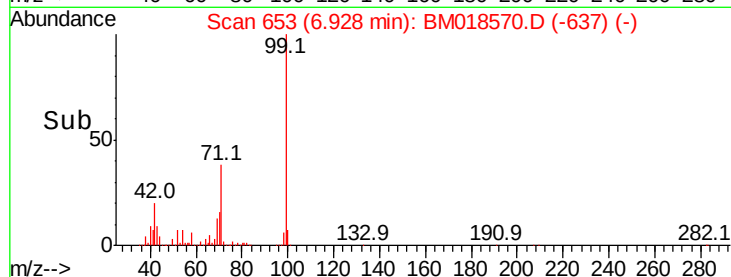
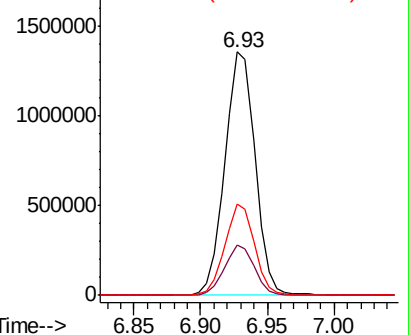
Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.3	25.9
71	37.6	28.0	42.0



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: 10.55 min Scan# 1268

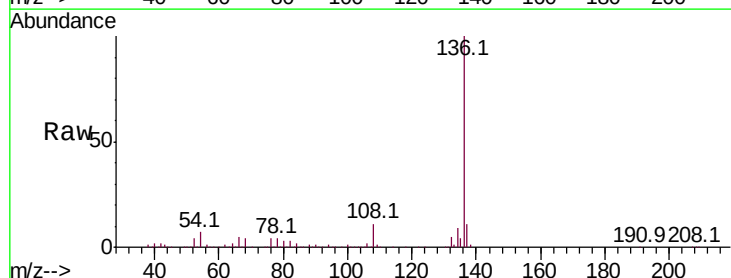
Delta R.T. -0.01 min

Lab File: BM018570.D

Acq: 15 Jan 2019 20:41

Tgt Ion: 136 Resp: 924328

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.6	6.0	9.0
68	3.8	4.5	6.7#

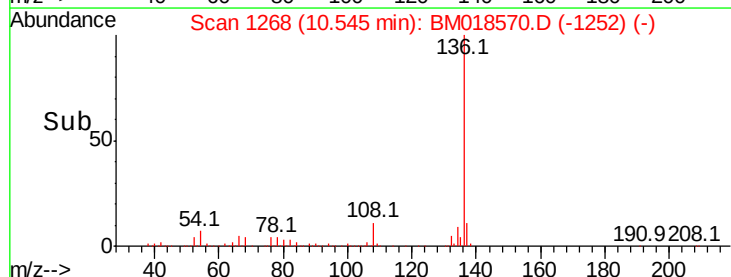
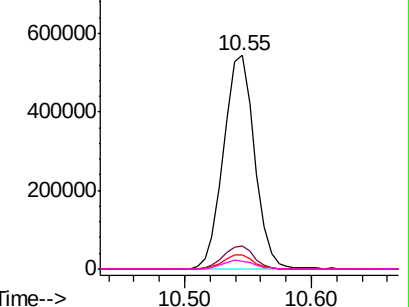


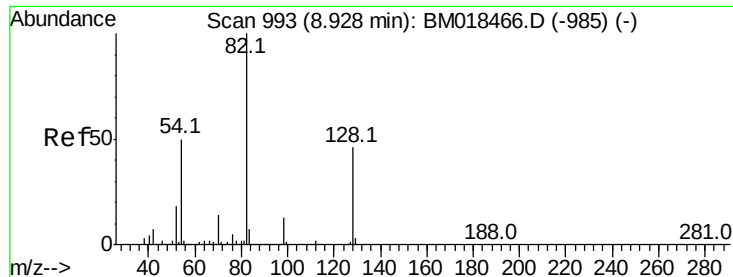
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)



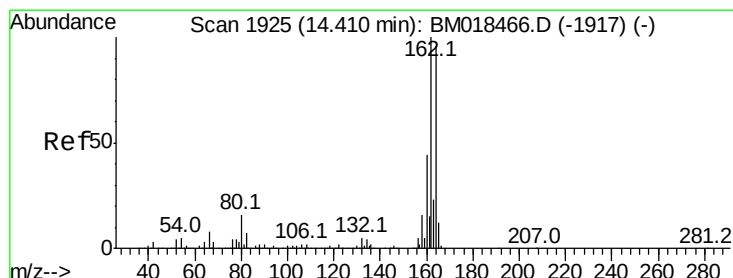
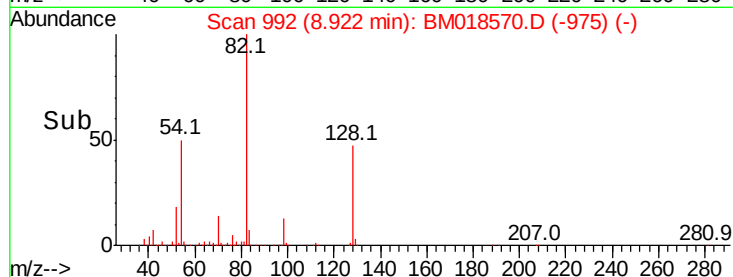
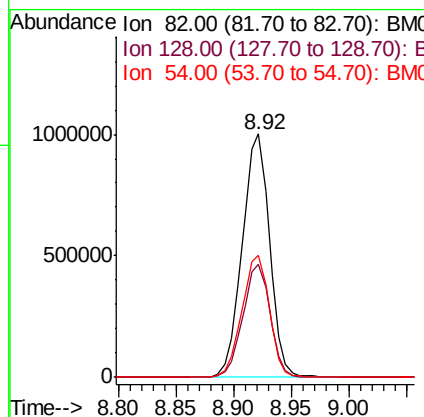
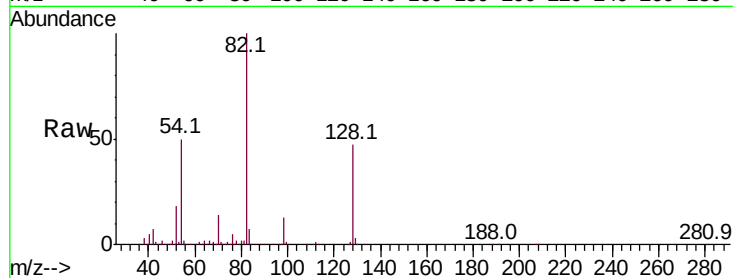


#23
 Nitrobenzene-d5
 Concen: 103.388 ng
 RT: 8.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BM018570.D
 Acq: 15 Jan 2019 20:41

Instrument :
 BNA_M
 ClientSampled :
 S-9

Tot Ion: 82 Resp: 1648488

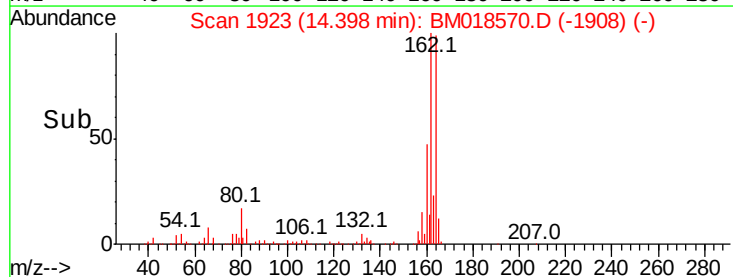
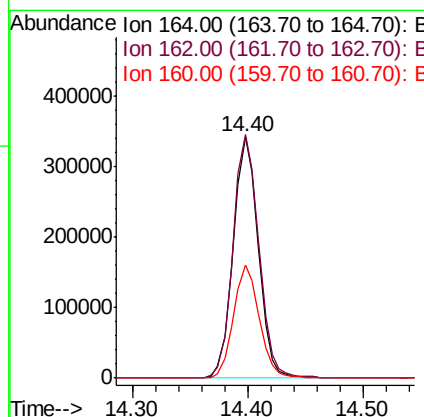
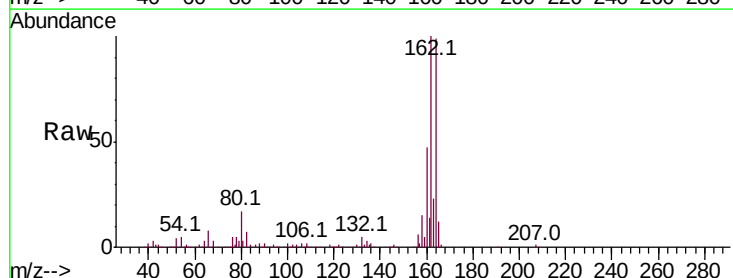
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	50.0	41.7	62.5

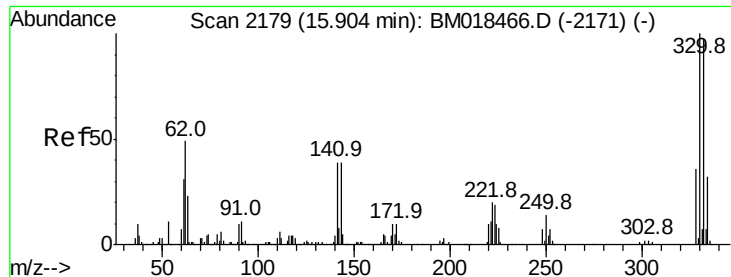


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BM018570.D
 Acq: 15 Jan 2019 20:41

Tgt Ion: 164 Resp: 515740

Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.0	124.4
160	47.0	37.1	55.7

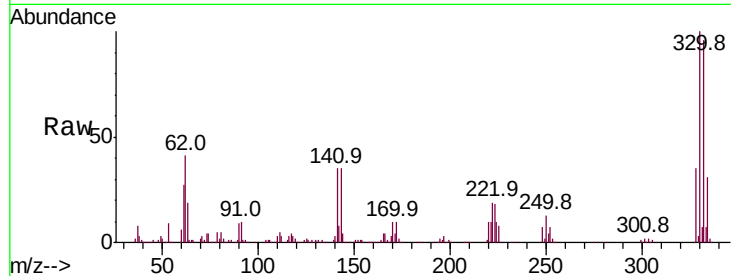




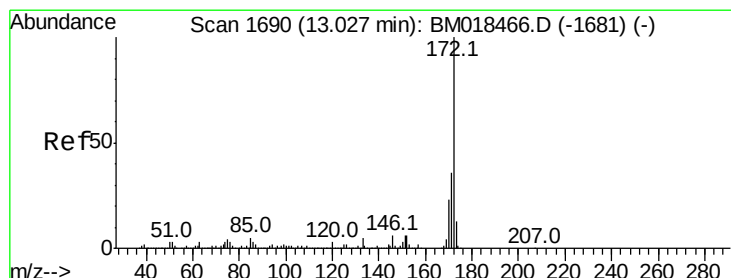
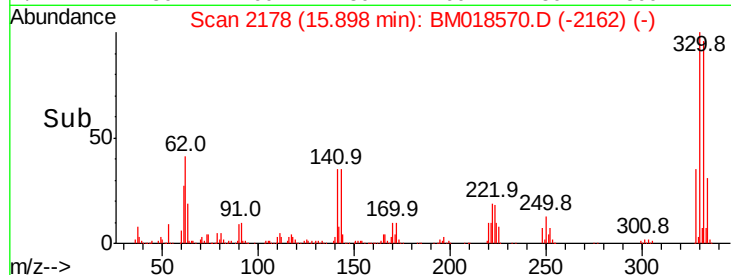
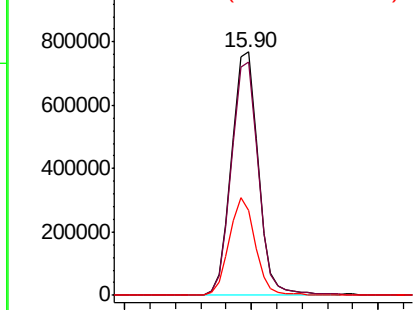
#42
 2,4,6-Tribromophenol
 Concen: 170.812 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018570.D
 Acq: 15 Jan 2019 20:41

Instrument :
 BNA_M
 ClientSampled :
 S-9

Tot Ion:330 Resp: 1121694
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 39.3 31.7 47.5

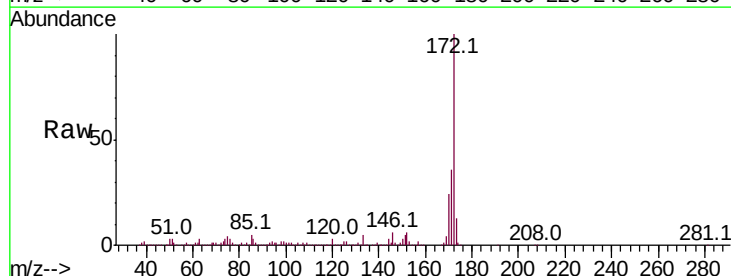


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

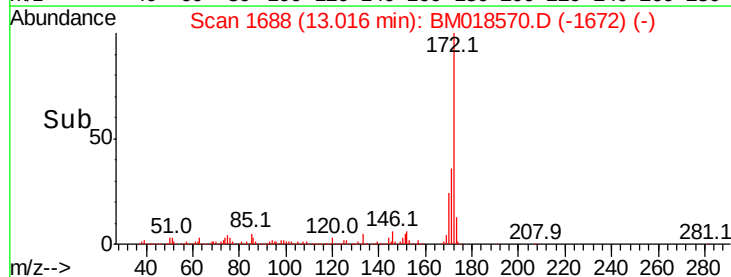
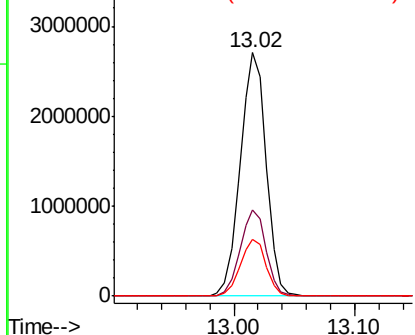


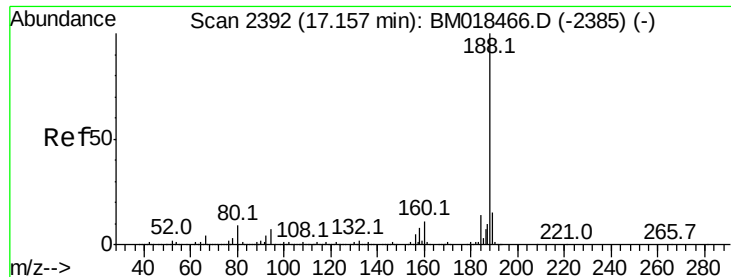
#45
 2-Fluorobiphenyl
 Concen: 102.493 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM018570.D
 Acq: 15 Jan 2019 20:41

Tgt Ion:172 Resp: 4050966
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 23.6 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: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018570.D

Acq: 15 Jan 2019 20:41

Instrument :

BNA_M

ClientSampled :

S-9

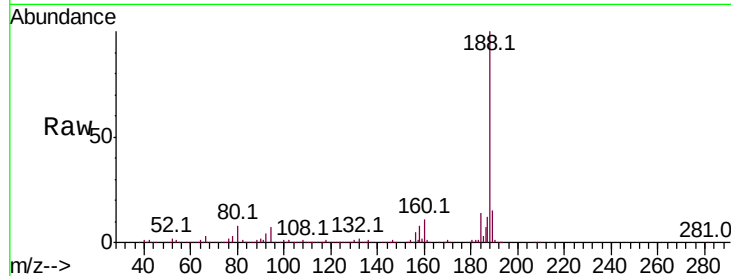
Tot Ion:188 Resp: 1234831

Ion Ratio Lower Upper

188 100

94 7.1 7.1 10.7#

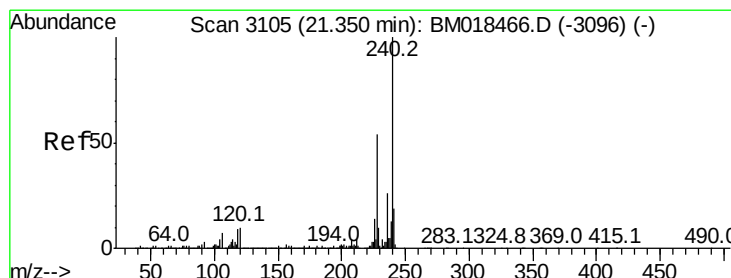
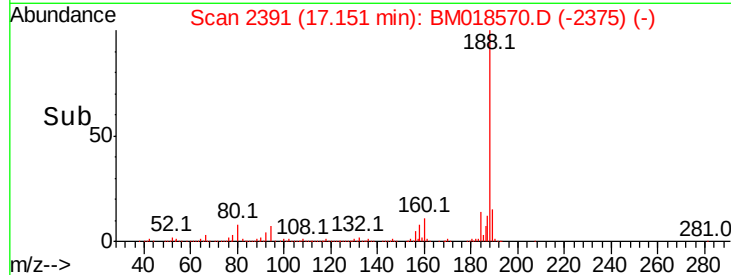
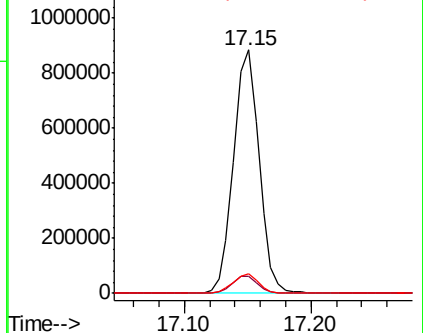
80 7.9 7.6 11.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018570.D

Acq: 15 Jan 2019 20:41

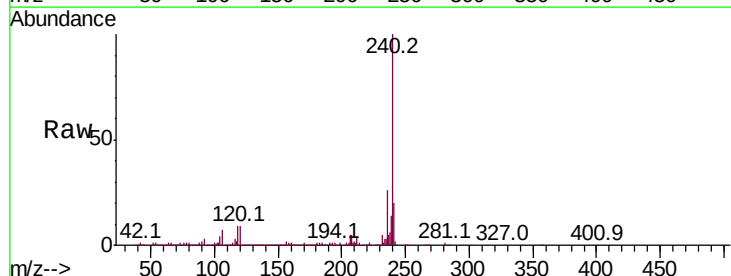
Tgt Ion:240 Resp: 1470463

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

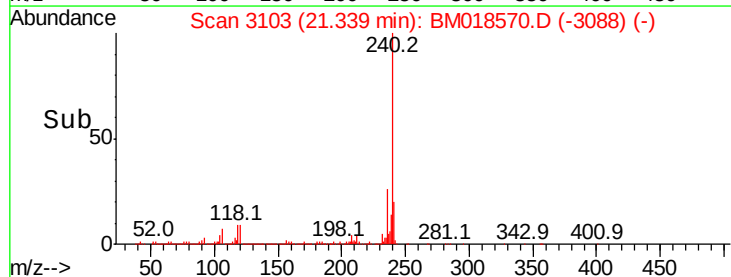
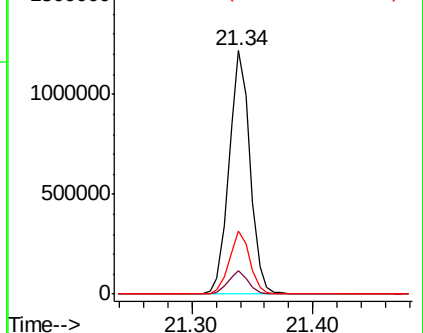
236 25.7 20.7 31.1

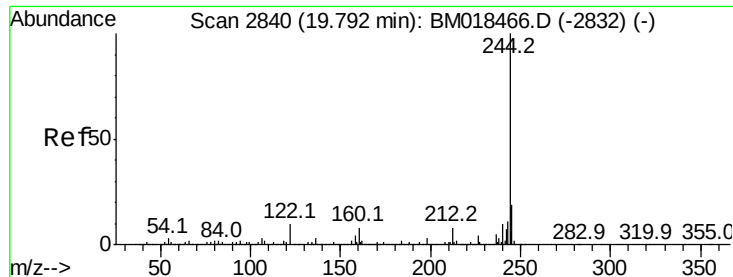


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.457 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018570.D

Acq: 15 Jan 2019 20:41

Instrument :

BNA_M

ClientSampleId :

S-9

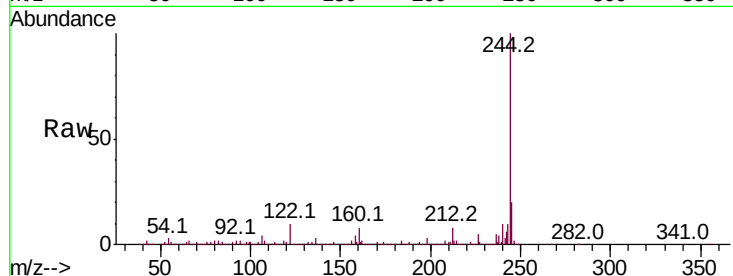
Tot Ion:244 Resp: 7146888

Ion Ratio Lower Upper

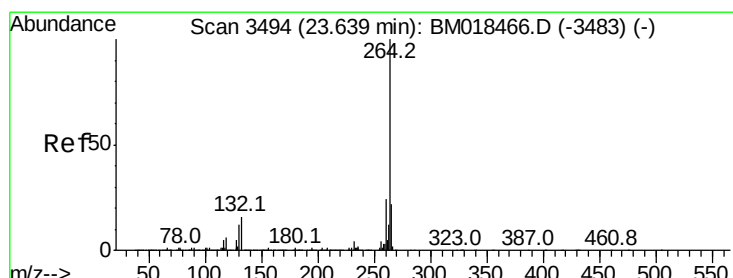
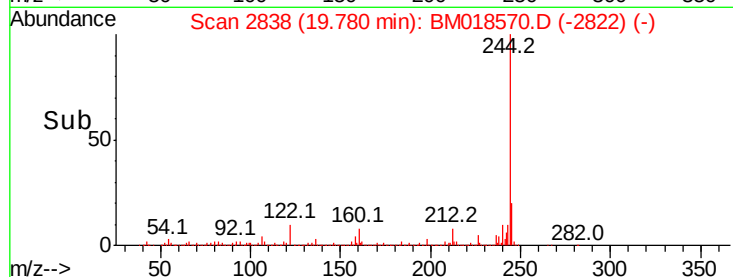
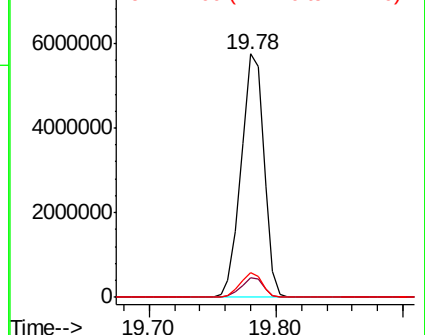
244 100

212 8.1 5.9 8.9

122 10.2 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: 23.62 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM018570.D

Acq: 15 Jan 2019 20:41

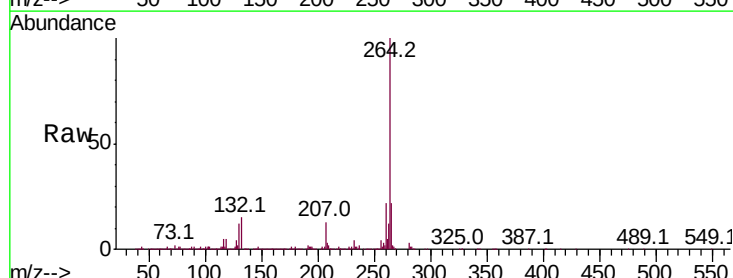
Tgt Ion:264 Resp: 1517911

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 21.6 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

