

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017686.D
 Acq On : 16 Nov 2018 18:31
 Operator : MJ/SJ
 Sample : PB114860BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BL

Quant Time: Nov 16 22:36:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	220082	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	879009	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	508115	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1156733	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1129161	20.00	ng	0.00
87) Perylene-d12	23.40	264	951301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1412703	108.33	ng	0.00
7) Phenol-d6	6.80	99	1846741	101.40	ng	0.00
23) Nitrobenzene-d5	8.76	82	1674471	98.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.76	330	705797	96.67	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3954634	100.97	ng	0.00
79) Terphenyl-d14	19.65	244	5220965	104.79	ng	0.00

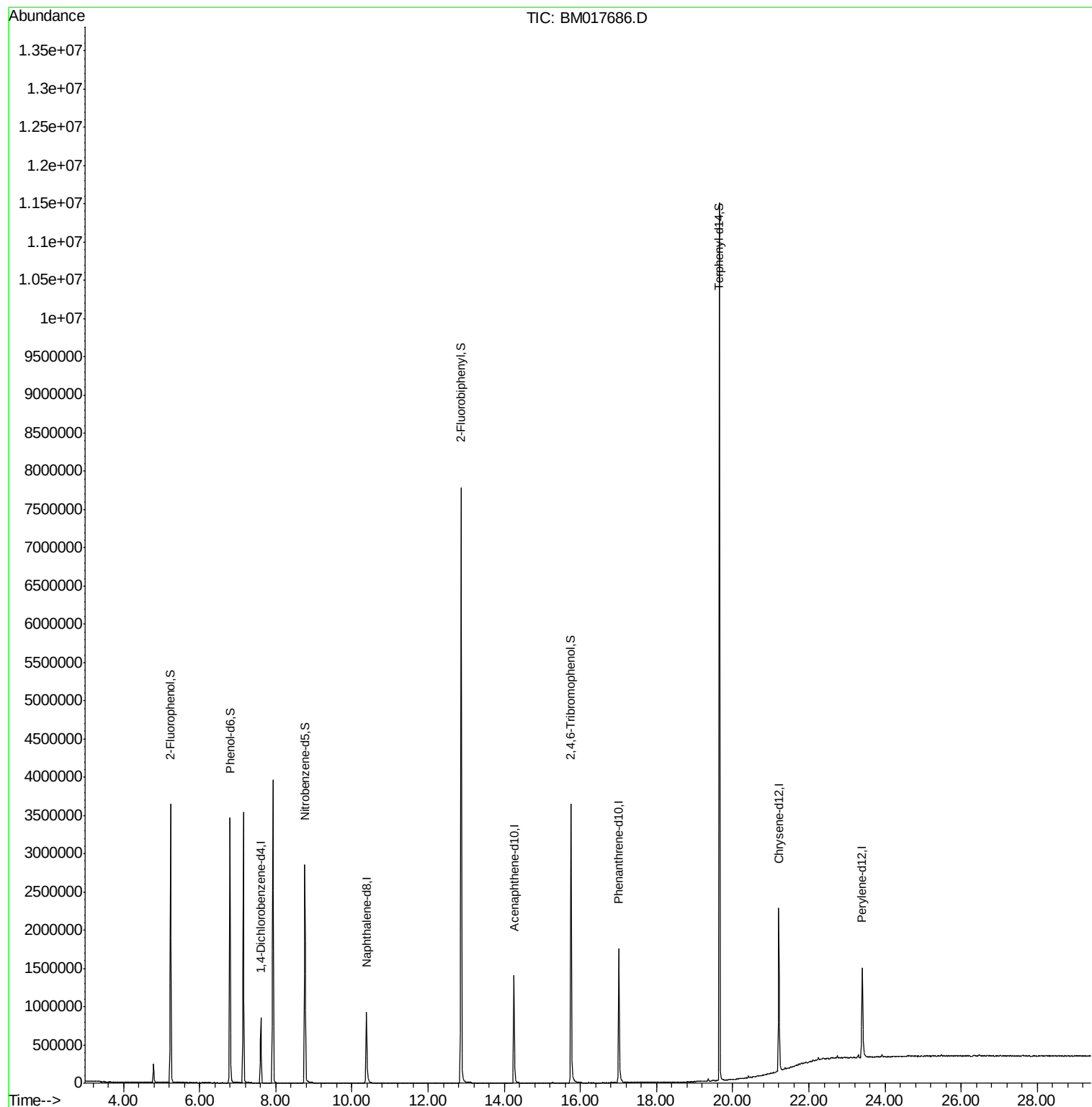
Target Compounds Qvalue

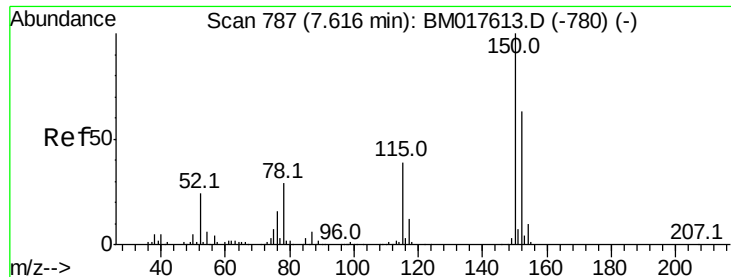
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



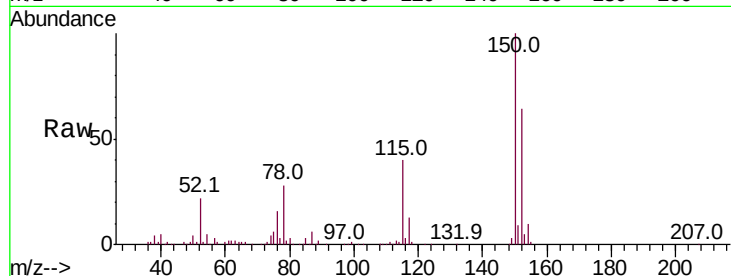


#1

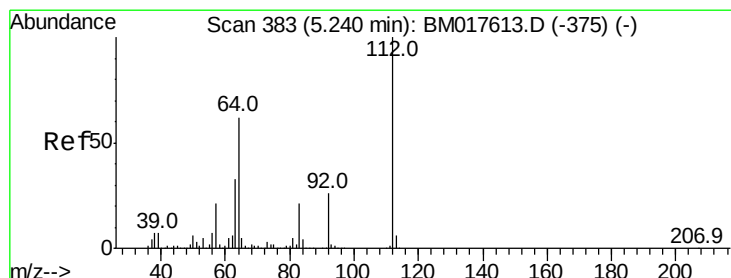
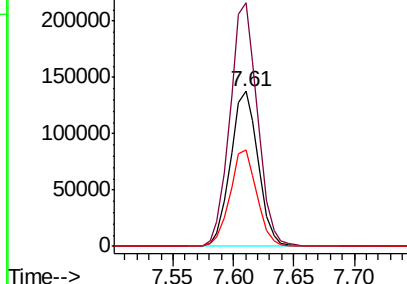
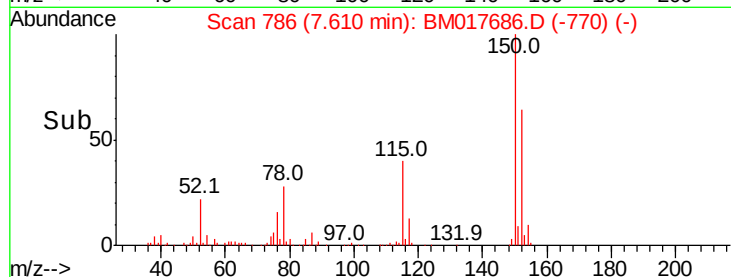
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017686.D
Acq: 16 Nov 2018 18:31

Instrument :
BNA_M
ClientSampleId :
PB114860BL

Tot Ion:152 Resp: 220082
Ion Ratio Lower Upper
152 100
150 157.1 126.4 189.6
115 62.4 49.4 74.0



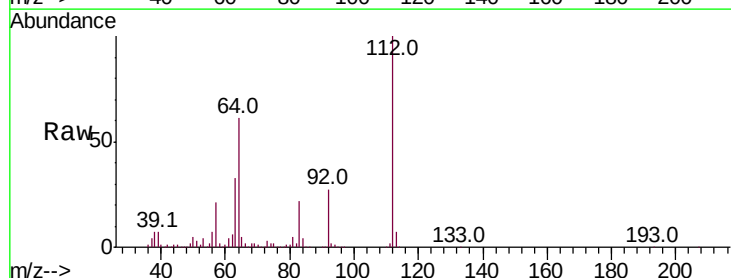
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



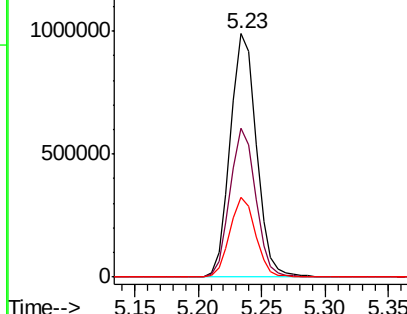
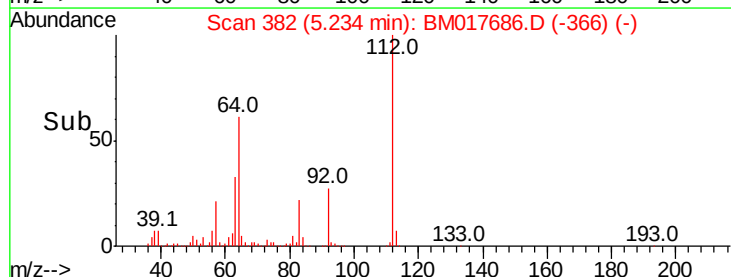
#5

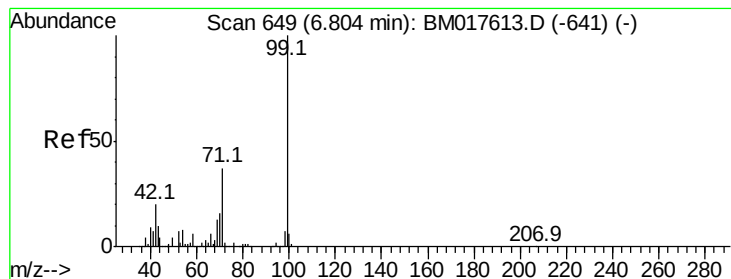
2-Fluorophenol
Concen: 108.330 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.01 min
Lab File: BM017686.D
Acq: 16 Nov 2018 18:31

Tgt Ion:112 Resp: 1412703
Ion Ratio Lower Upper
112 100
64 61.2 49.3 73.9
63 32.9 26.2 39.4



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: 101.395 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017686.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_M

ClientSampleId :

PB114860BL

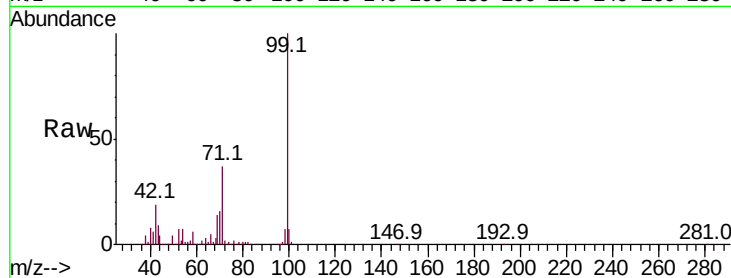
Tot Ion: 99 Resp: 1846741

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

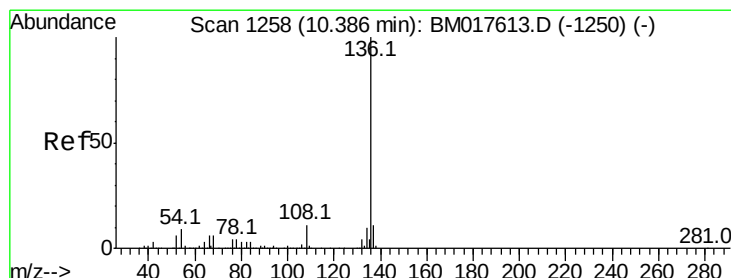
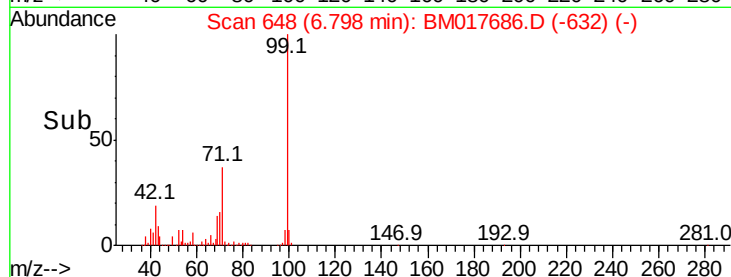
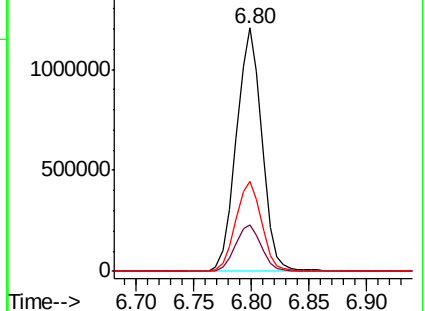
71 37.0 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM017686.D

Acq: 16 Nov 2018 18:31

Tgt Ion: 136 Resp: 879009

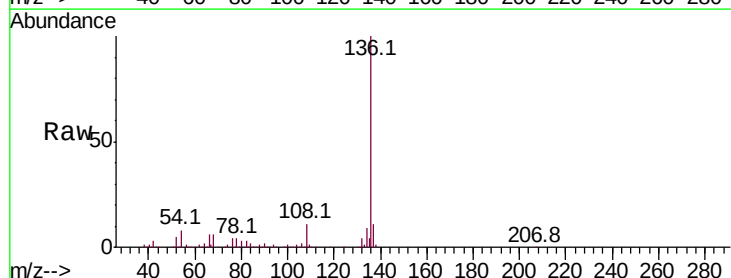
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 8.2 7.0 10.6

68 6.0 4.9 7.3

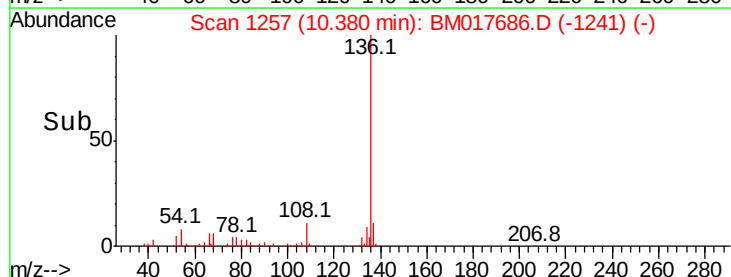
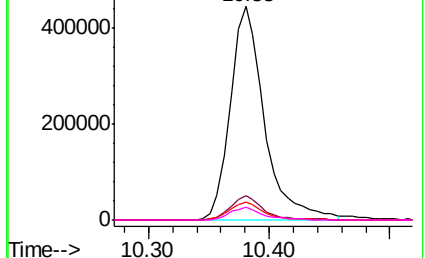


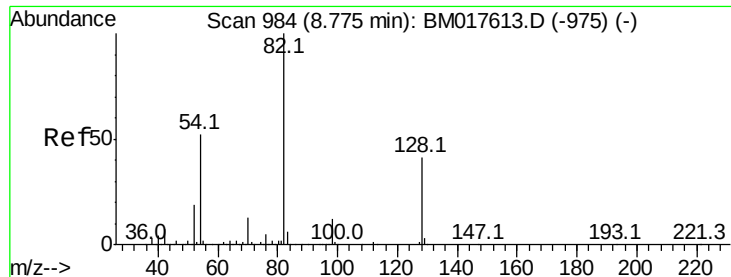
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)



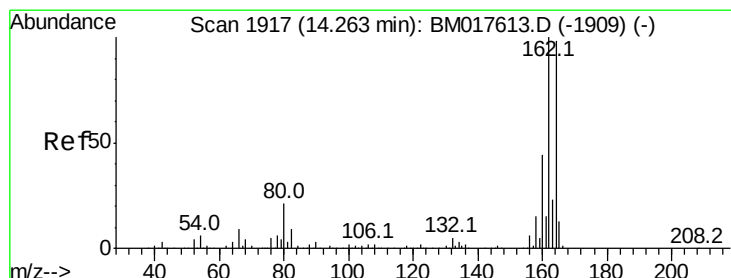
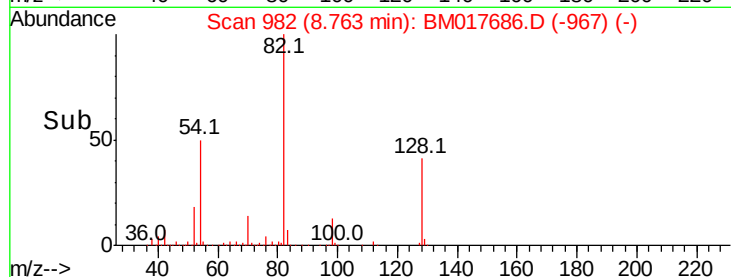
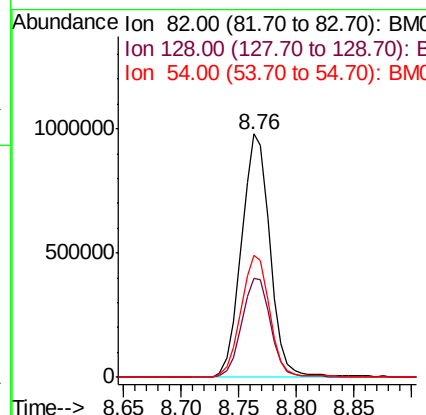
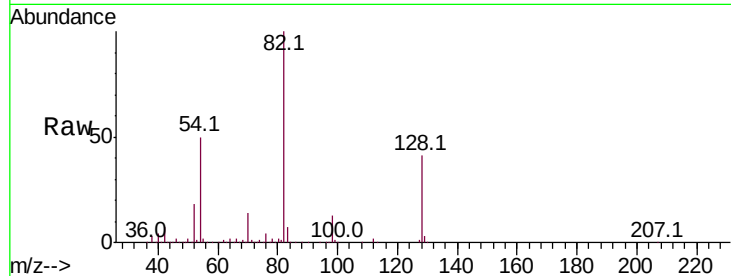


#23
 Nitrobenzene-d5
 Concen: 98.344 ng
 RT: 8.76 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BM017686.D
 Acq: 16 Nov 2018 18:31

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BL

Tot Ion: 82 Resp: 1674471

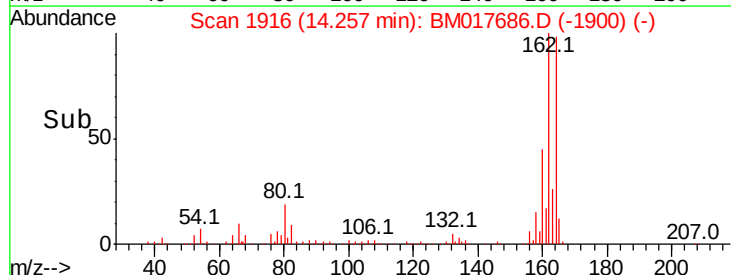
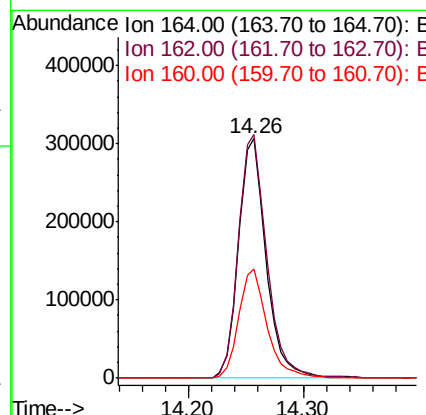
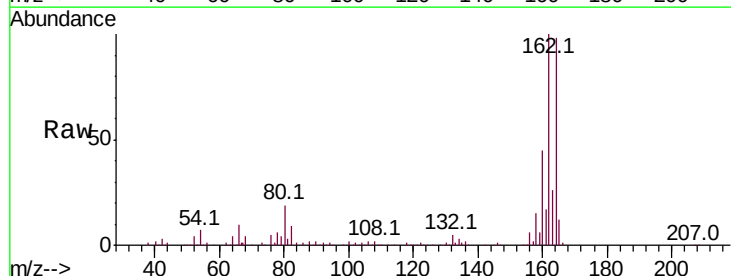
Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.0	49.4
54	50.3	41.4	62.2

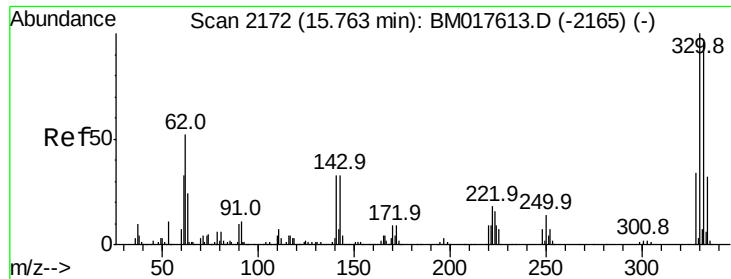


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM017686.D
 Acq: 16 Nov 2018 18:31

Tgt Ion: 164 Resp: 508115

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	45.8	35.6	53.4

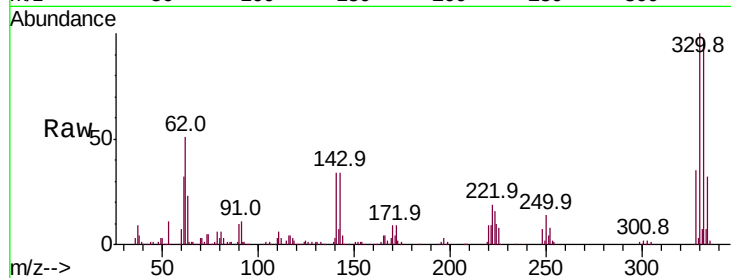




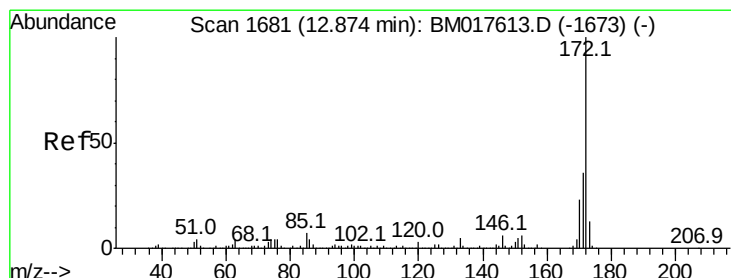
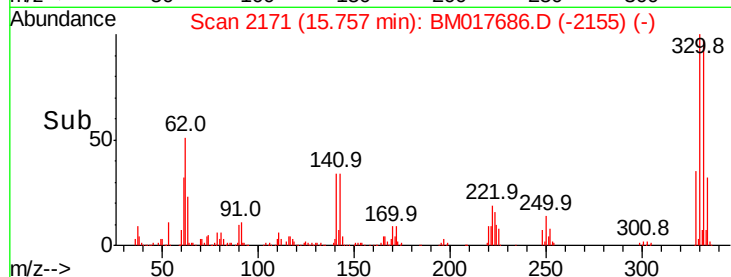
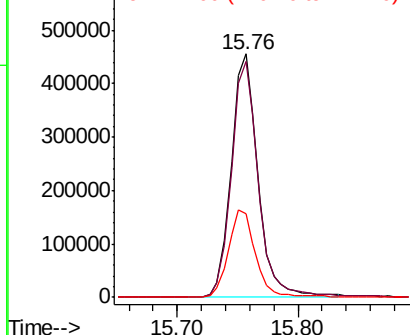
#42
 2,4,6-Tribromophenol
 Concen: 96.673 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017686.D
 Acq: 16 Nov 2018 18:31

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.9	116.9
141	36.1	27.5	41.3

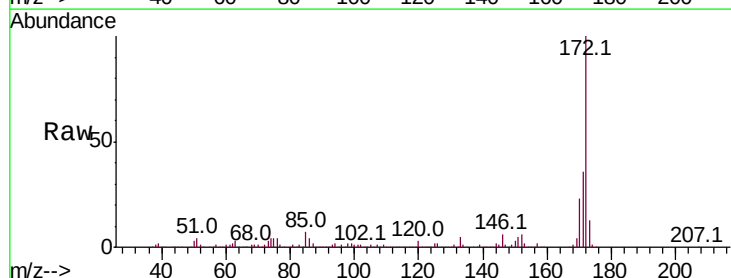


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

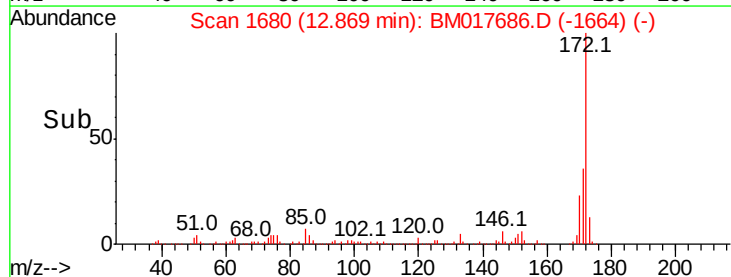
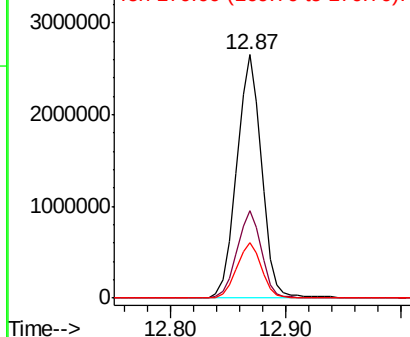


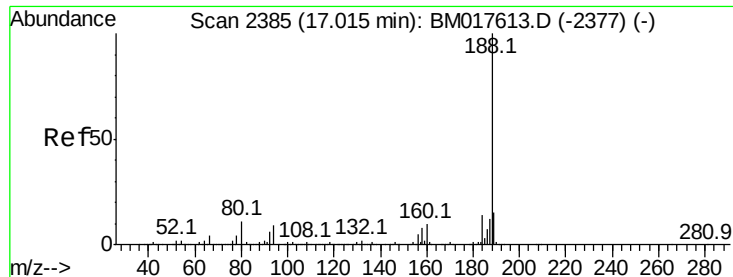
#45
 2-Fluorobiphenyl
 Concen: 100.971 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM017686.D
 Acq: 16 Nov 2018 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	22.6	18.3	27.5



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

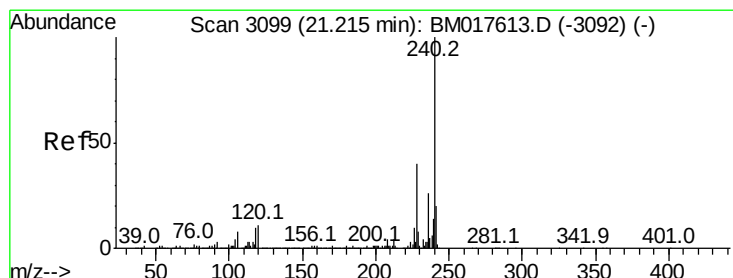
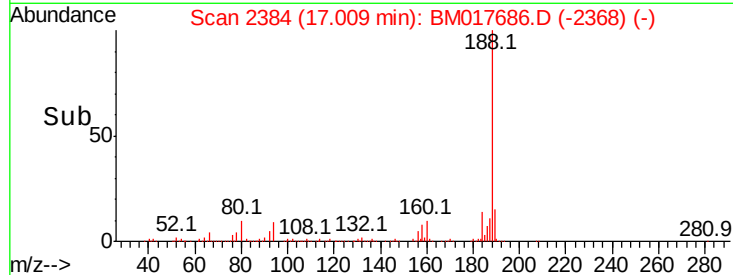
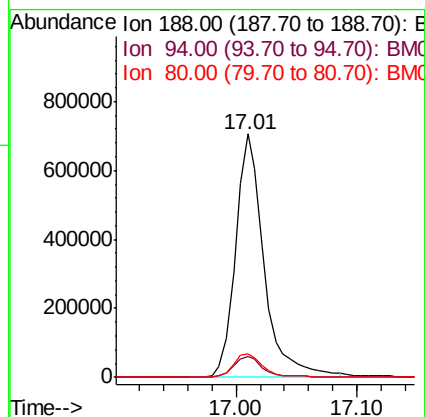
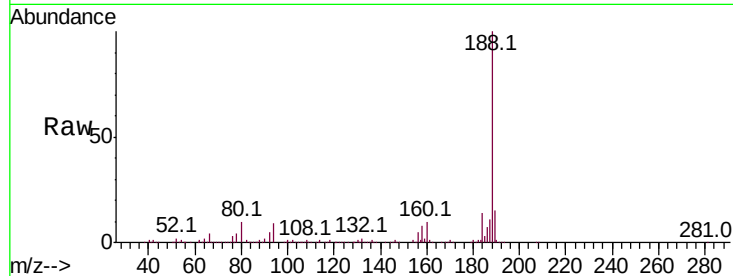




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017686.D
Acq: 16 Nov 2018 18:31

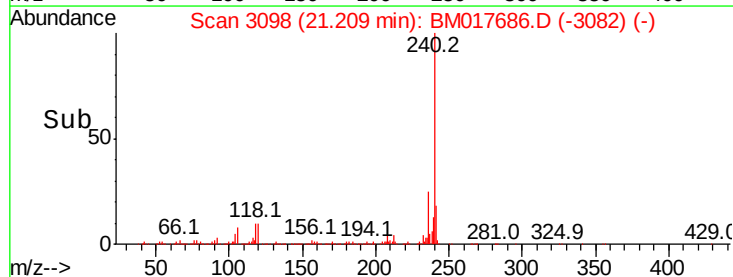
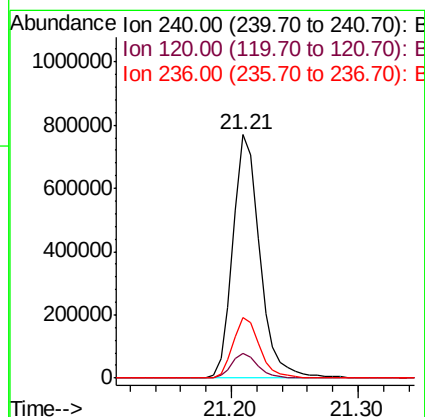
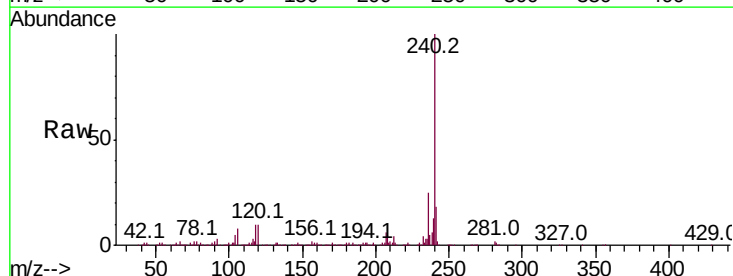
Instrument :
BNA_M
ClientSampleId :
PB114860BL

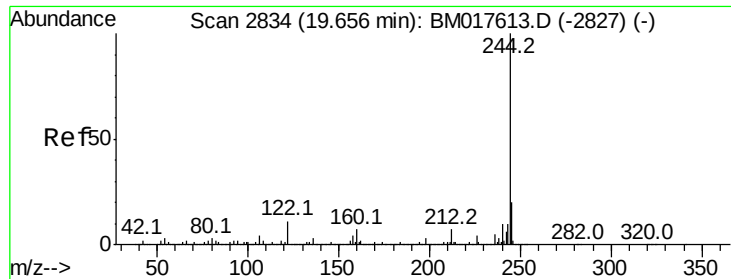
Tot Ion:188 Resp: 1156733
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM017686.D
Acq: 16 Nov 2018 18:31

Tgt Ion:240 Resp: 1129161
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 24.9 20.4 30.6





#79

Terphenyl-d14

Concen: 104.794 ng

RT: 19.65 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM017686.D

Acq: 16 Nov 2018 18:31

Instrument :

BNA_M

ClientSampleId :

PB114860BL

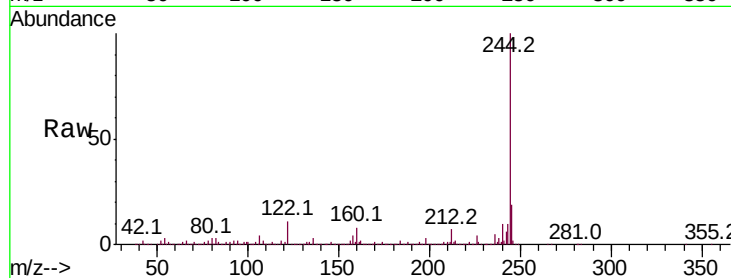
Tot Ion:244 Resp: 5220965

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

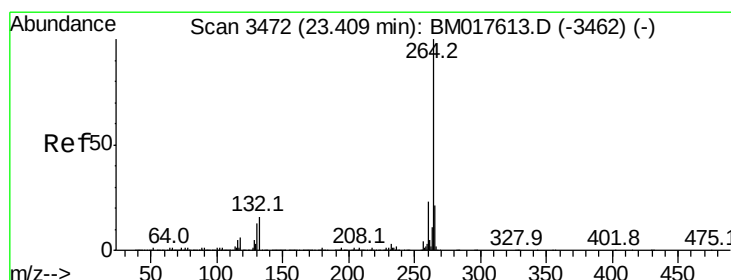
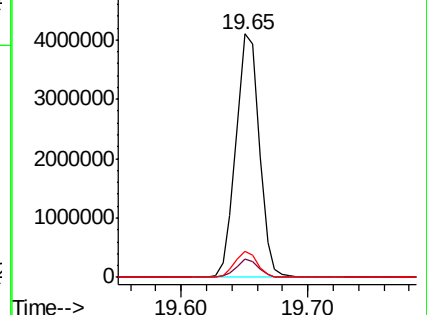
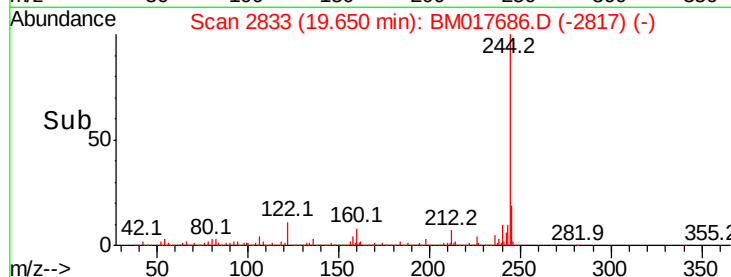
122 10.9 9.0 13.6



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: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017686.D

Acq: 16 Nov 2018 18:31

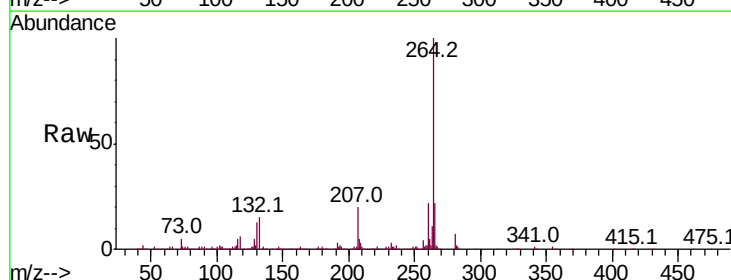
Tgt Ion:264 Resp: 951301

Ion Ratio Lower Upper

264 100

260 22.0 18.2 27.2

265 22.0 17.5 26.3



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

