

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019957.D
 Acq On : 18 Apr 2019 17:16
 Operator : JU/SJ
 Sample : PB118968BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BL

Quant Time: Apr 19 01:03:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	76984	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	269075	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	149425	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	319804	20.00	ng	0.00
76) Chrysene-d12	21.16	240	322230	20.00	ng	0.00
87) Perylene-d12	23.36	264	412278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	375280	79.00	ng	0.00
7) Phenol-d6	6.71	99	458741	64.17	ng	0.00
23) Nitrobenzene-d5	8.69	82	453538	75.38	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	157981	65.68	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	897044	74.82	ng	0.00
79) Terphenyl-d14	19.59	244	1281641	70.15	ng	0.00

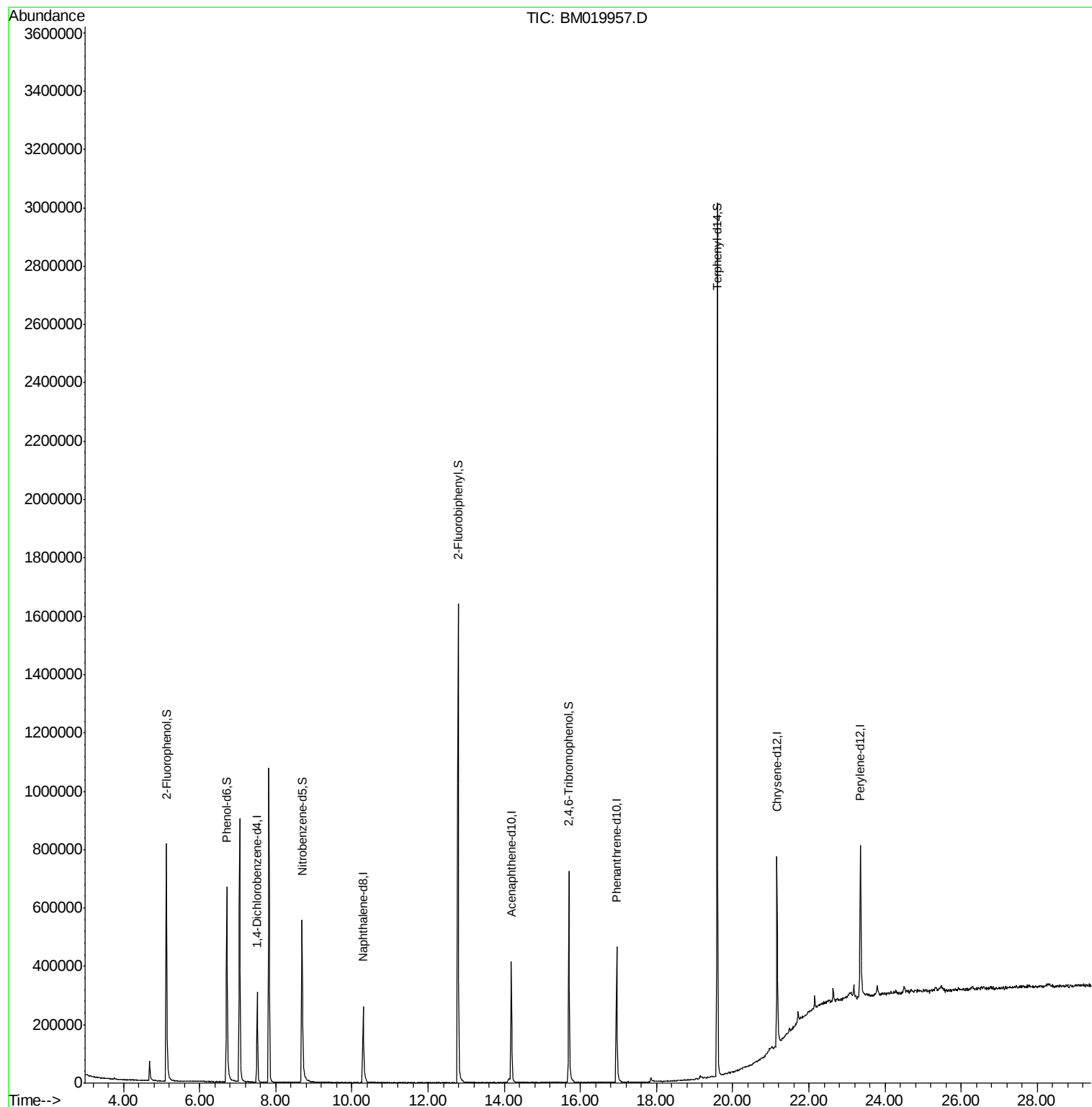
Target Compounds Qvalue

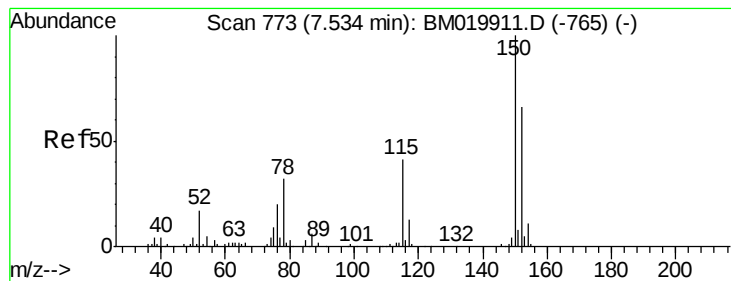
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019957.D
Acq On : 18 Apr 2019 17:16
Operator : JU/SJ
Sample : PB118968BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB118968BL

Quant Time: Apr 19 01:03:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration



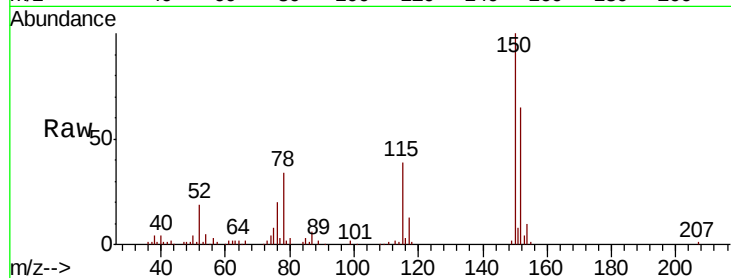


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019957.D
Acq: 18 Apr 2019 17:16

Instrument :
BNA_M
ClientSampleId :
PB118968BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.1	183.1
115	60.6	50.0	75.0

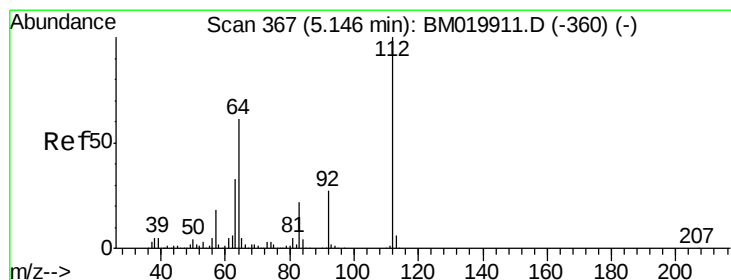
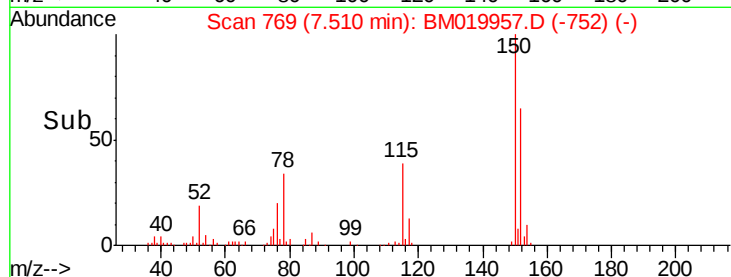
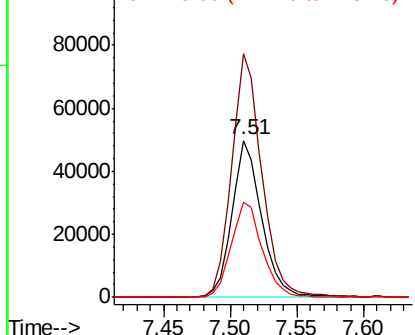


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

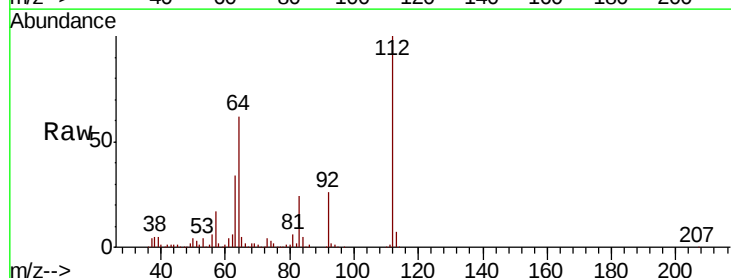
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.003 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM019957.D
Acq: 18 Apr 2019 17:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.1	73.7
63	34.4	26.5	39.7

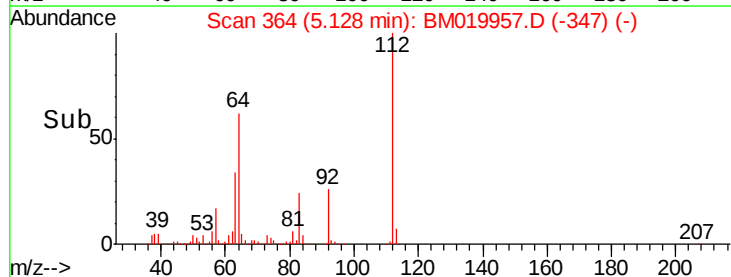
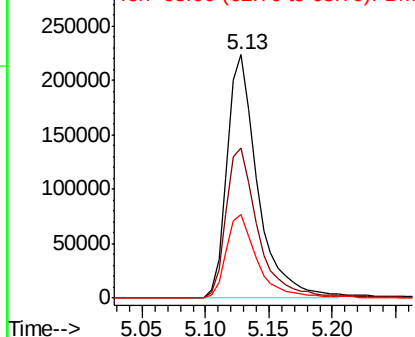


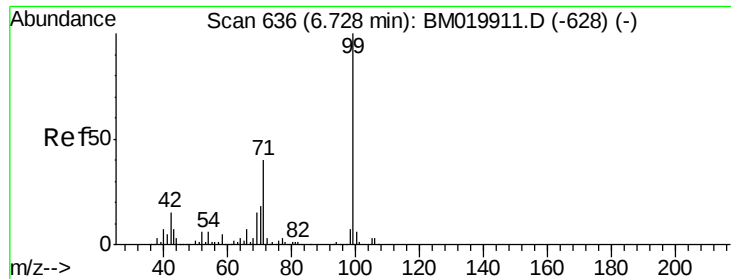
Abundance

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: 64.169 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019957.D

Acq: 18 Apr 2019 17:16

Instrument :

BNA_M

ClientSampleId :

PB118968BL

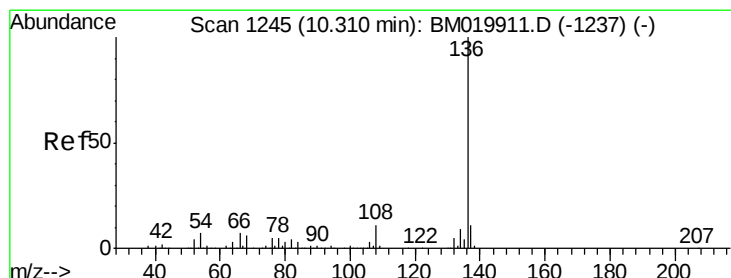
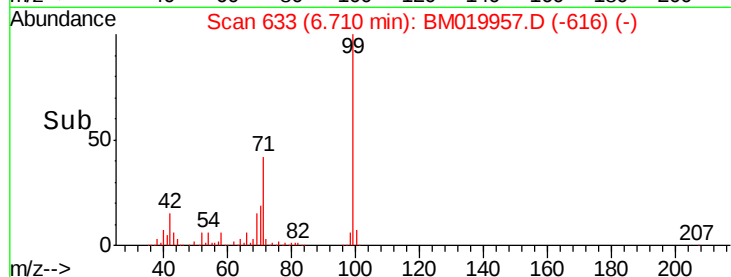
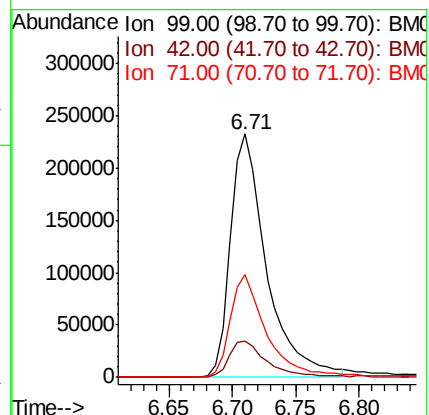
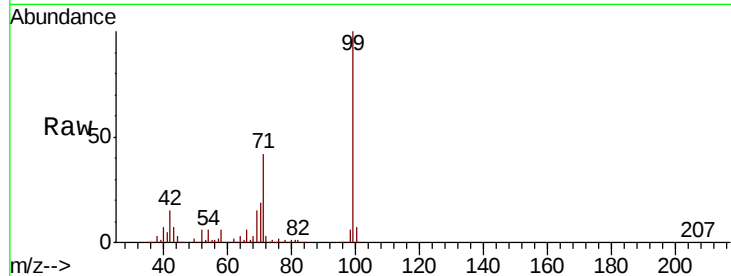
Tot Ion: 99 Resp: 458741

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.8

71 42.5 32.0 48.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM019957.D

Acq: 18 Apr 2019 17:16

Tgt Ion: 136 Resp: 269075

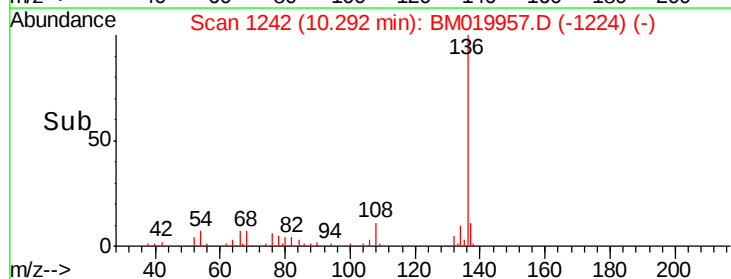
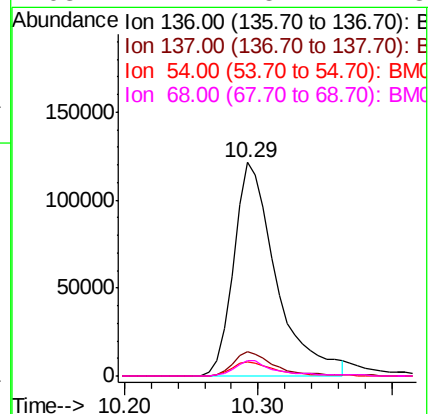
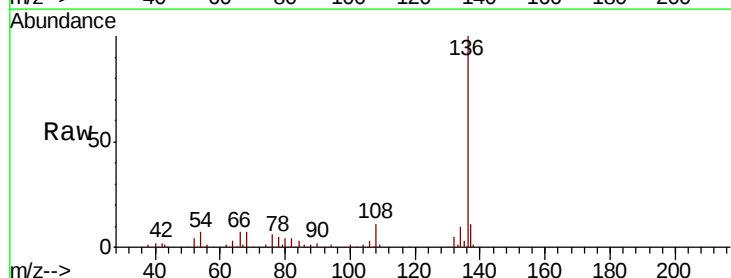
Ion Ratio Lower Upper

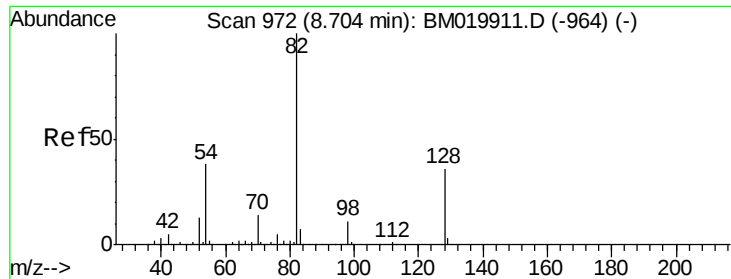
136 100

137 11.2 9.0 13.6

54 6.9 5.3 7.9

68 7.2 5.2 7.8

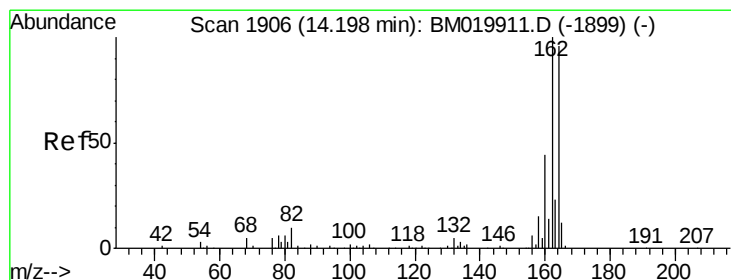
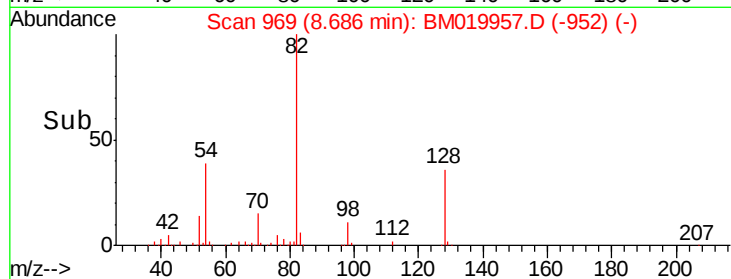
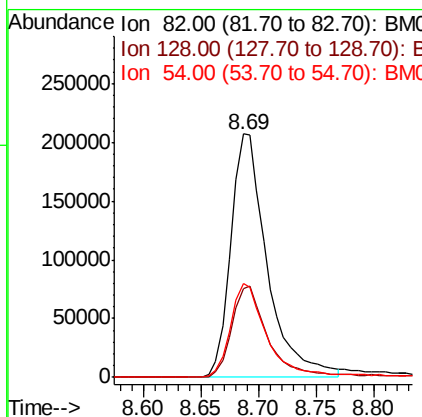
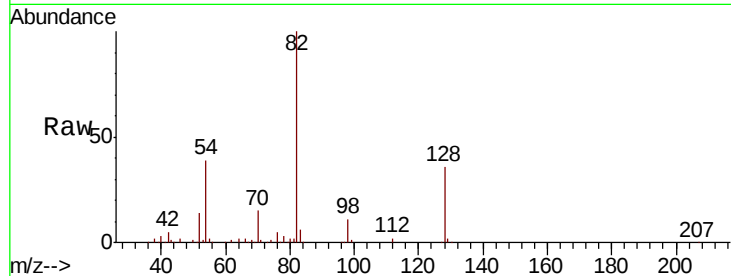




#23
 Nitrobenzene-d5
 Concen: 75.380 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM019957.D
 Acq: 18 Apr 2019 17:16

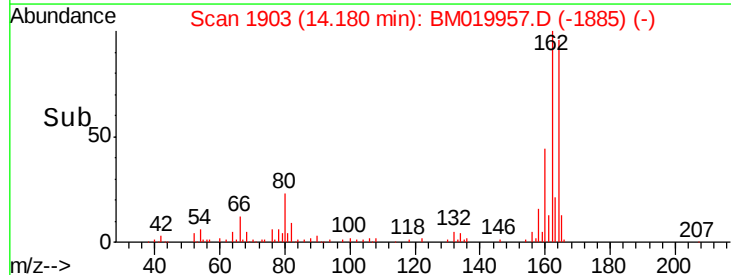
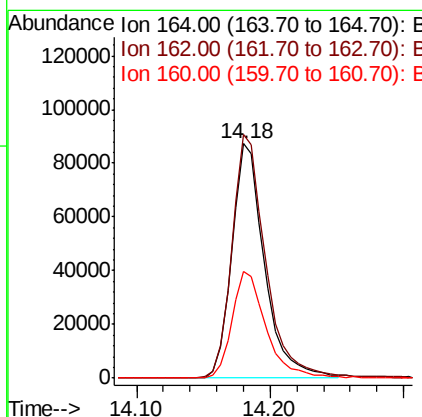
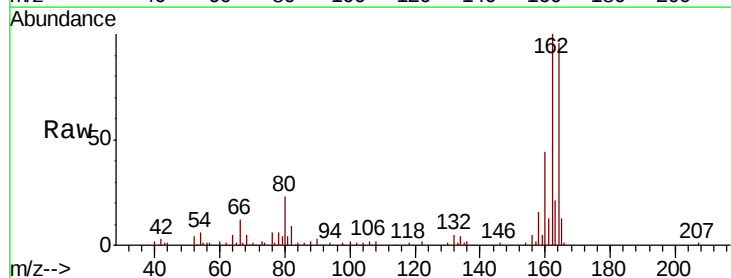
Instrument :
 BNA_M
 ClientSampleId :
 PB118968BL

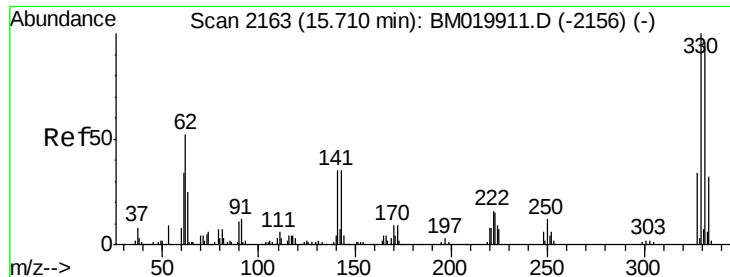
Tot Ion	82	Resp	453538
Ion Ratio	Lower	Upper	
82	100		
128	36.3	29.0	43.4
54	38.6	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM019957.D
 Acq: 18 Apr 2019 17:16

Tgt Ion	164	Resp	149425
Ion Ratio	Lower	Upper	
164	100		
162	103.9	83.0	124.4
160	45.5	36.6	55.0

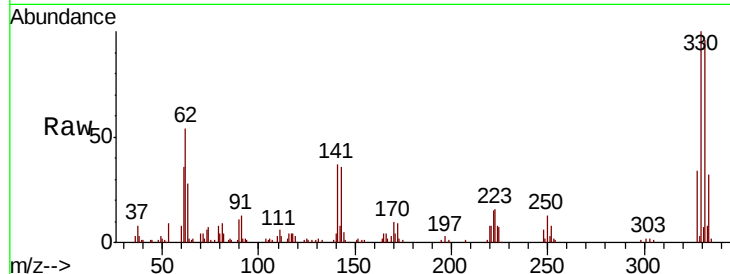




#42
 2,4,6-Tribromophenol
 Concen: 65.680 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. 0.01 min
 Lab File: BM019957.D
 Acq: 18 Apr 2019 17:16

Instrument :
 BNA_M
 ClientSampleId :
 PB118968BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	38.7	29.0	43.4

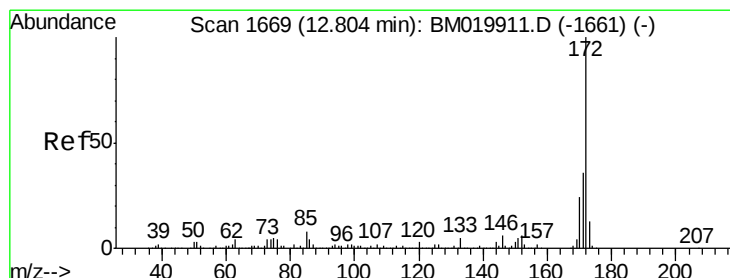
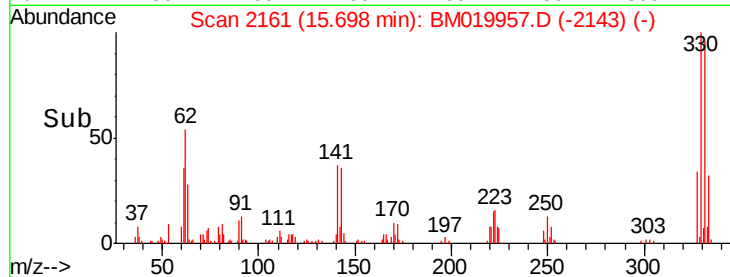
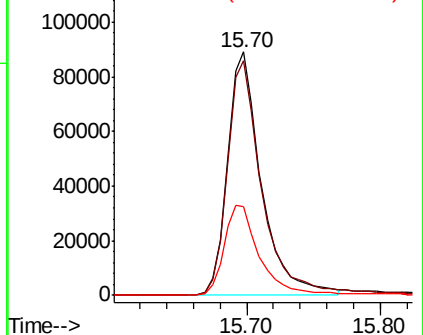


Abundance

Ion 329.80 (329.50 to 330.50): E

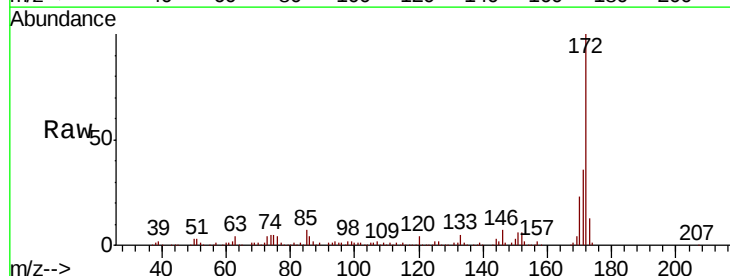
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.815 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM019957.D
 Acq: 18 Apr 2019 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.4	19.0	28.4

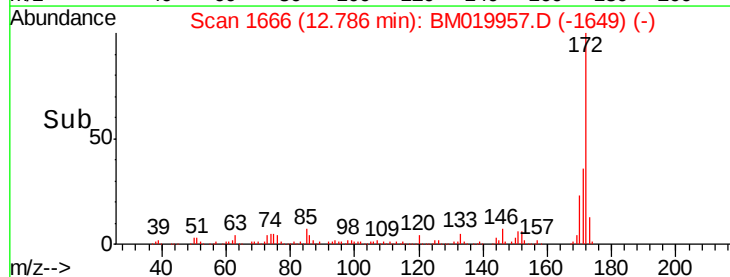
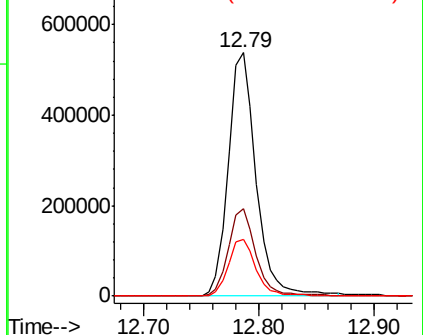


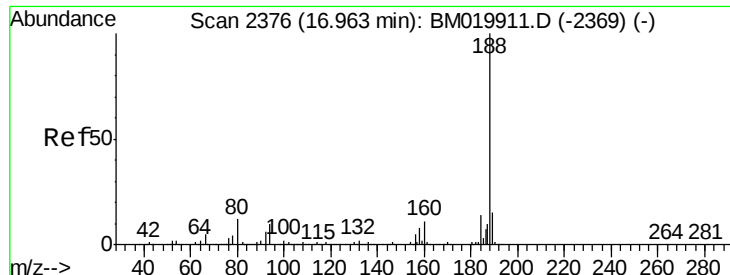
Abundance

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: 16.95 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BM019957.D

Acq: 18 Apr 2019 17:16

Instrument :

BNA_M

ClientSampleId :

PB118968BL

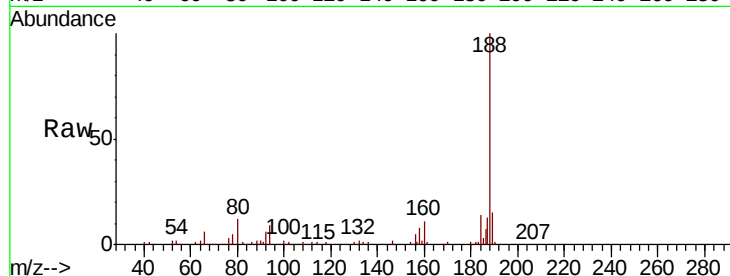
Tot Ion:188 Resp: 319804

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

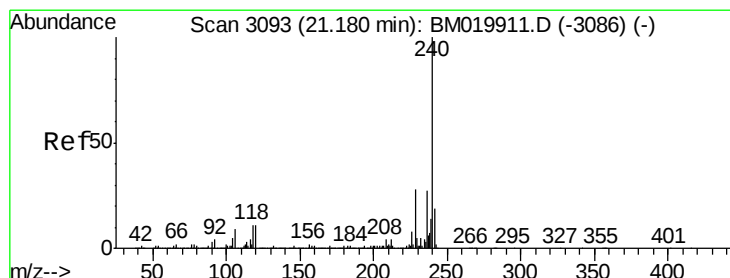
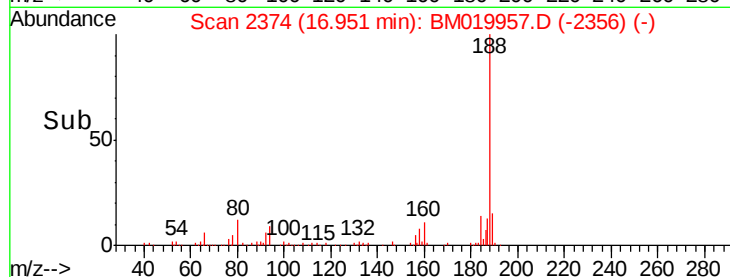
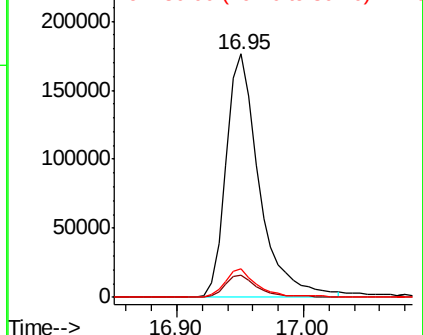
80 11.7 9.4 14.0



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: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM019957.D

Acq: 18 Apr 2019 17:16

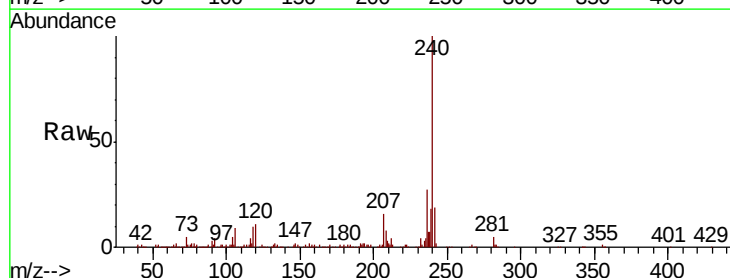
Tgt Ion:240 Resp: 322230

Ion Ratio Lower Upper

240 100

120 11.0 8.6 13.0

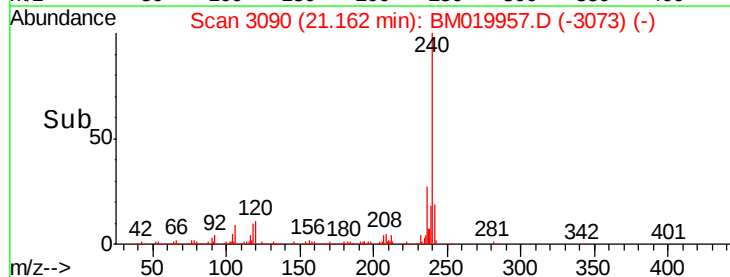
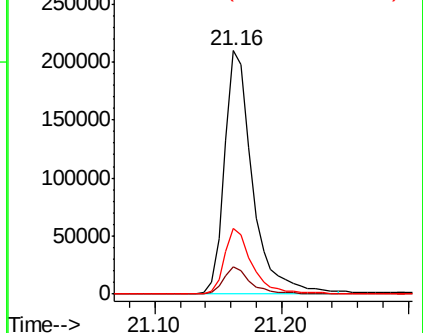
236 27.1 21.4 32.2

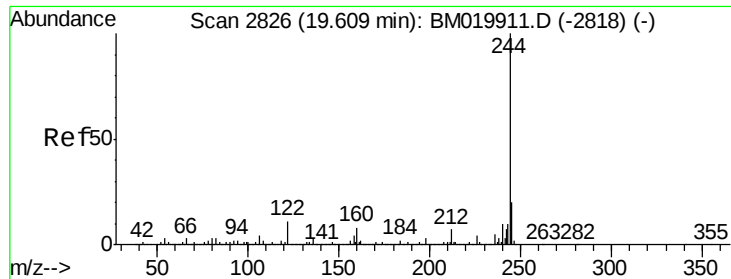


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

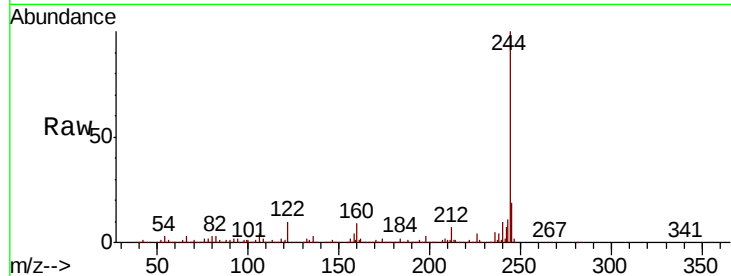




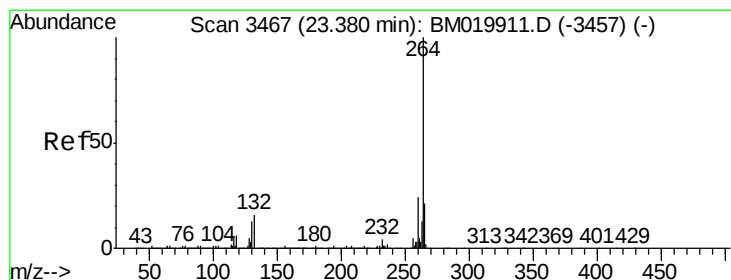
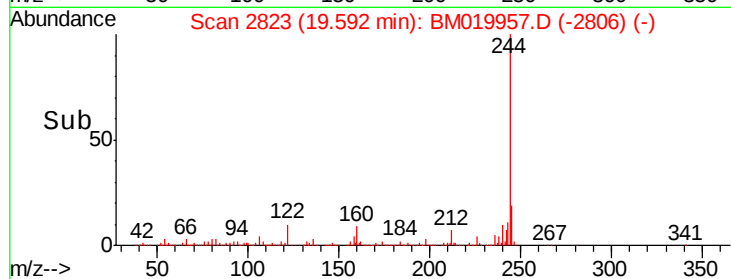
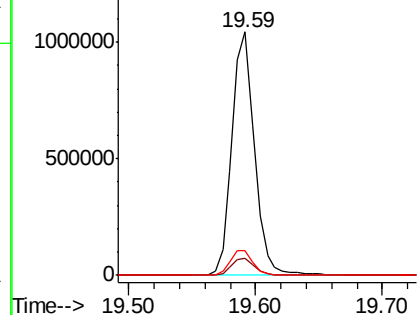
#79
 Terphenyl-d14
 Concen: 70.155 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM019957.D
 Acq: 18 Apr 2019 17:16

Instrument :
 BNA_M
 ClientSampleID :
 PB118968BL

Tot Ion:244 Resp: 1281641
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.3 9.1 13.7

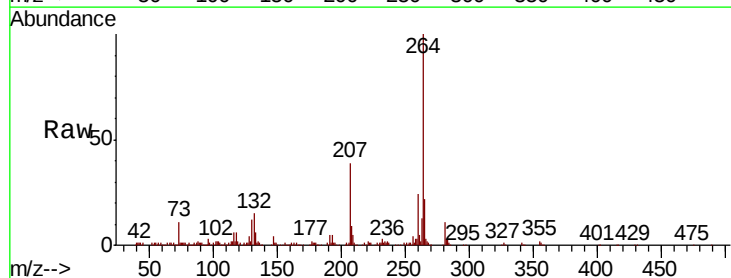


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3463
 Delta R.T. 0.01 min
 Lab File: BM019957.D
 Acq: 18 Apr 2019 17:16

Tgt Ion:264 Resp: 412278
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.1 17.2 25.8



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

