

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020061.D
 Acq On : 24 Apr 2019 07:18
 Operator : JU/SJ
 Sample : PB119063BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BL

Quant Time: Apr 24 08:36:51 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	7.49	152	72352	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	205612	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	124916	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	248687	20.00	ng	0.00
76) Chrysene-d12	21.16	240	270712	20.00	ng	0.00
87) Perylene-d12	23.33	264	346227	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	489695	109.69	ng	-0.02
7) Phenol-d6	6.69	99	606545	90.28	ng	-0.02
23) Nitrobenzene-d5	8.67	82	369839	80.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	186887	92.94	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	785797	78.40	ng	-0.02
79) Terphenyl-d14	19.57	244	1220410	79.52	ng	-0.02

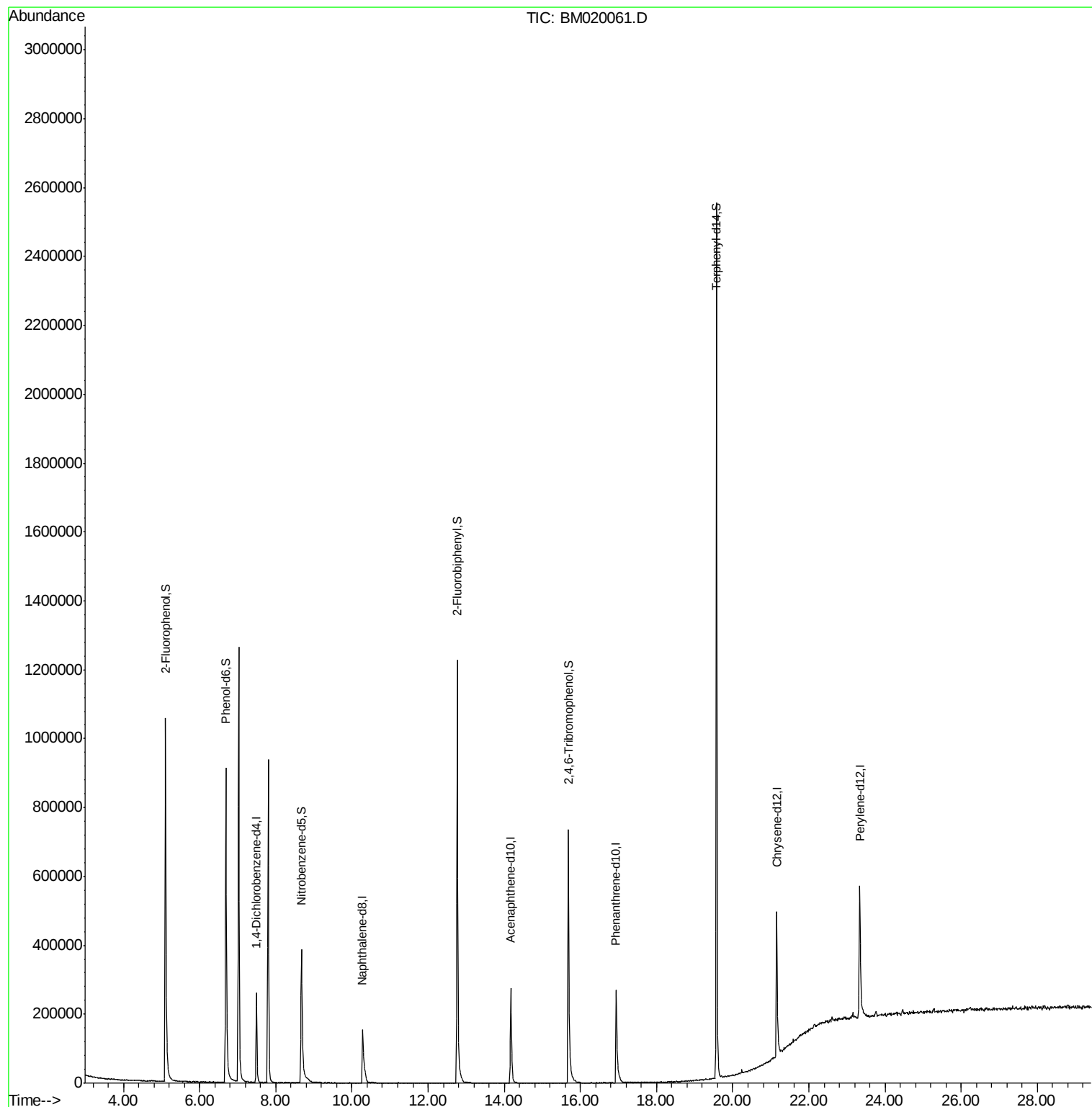
Target Compounds Qvalue

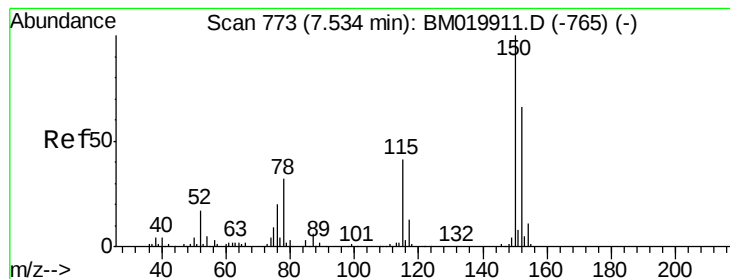
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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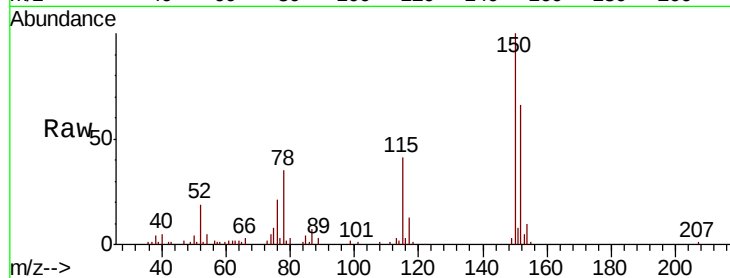


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020061.D
Acq: 24 Apr 2019 07:18

Instrument :
BNA_M
ClientSampleId :
PB119063BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.1	183.1
115	62.2	50.0	75.0

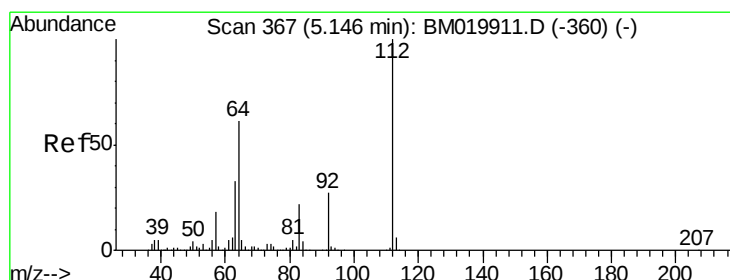
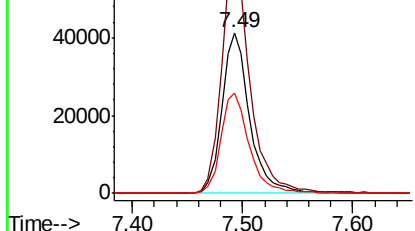
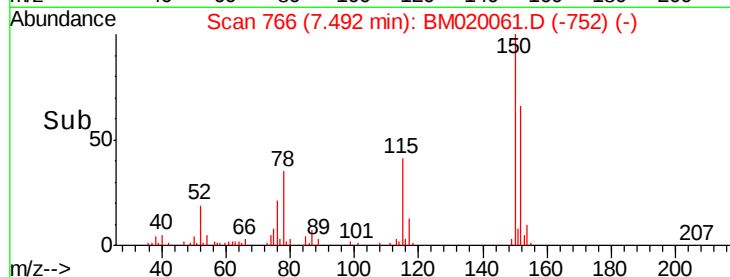


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

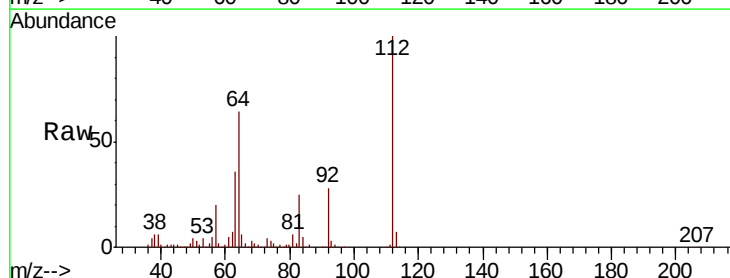
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.689 ng
RT: 5.10 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM020061.D
Acq: 24 Apr 2019 07:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	49.1	73.7
63	36.5	26.5	39.7

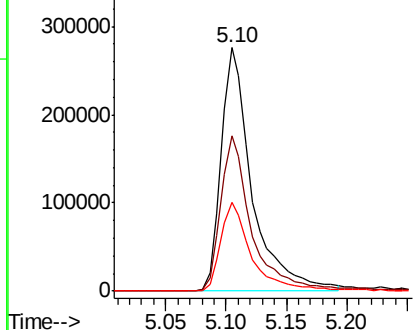
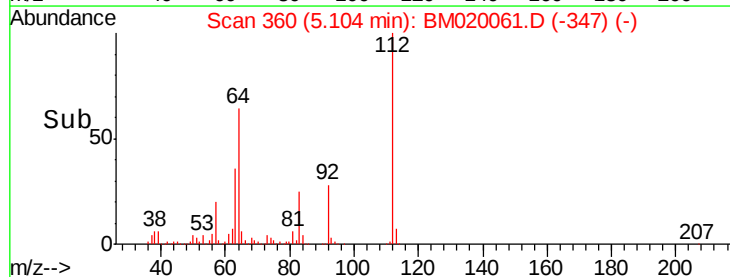


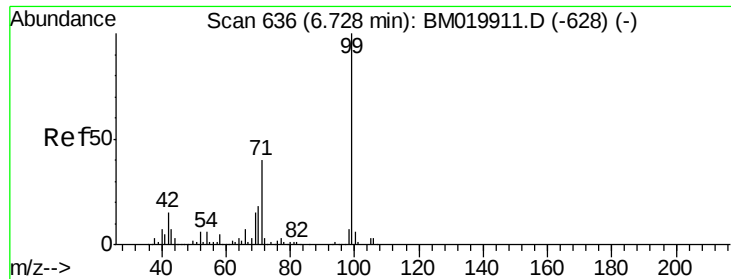
Abundance

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: 90.275 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020061.D

Acq: 24 Apr 2019 07:18

Instrument :

BNA_M

ClientSampleId :

PB119063BL

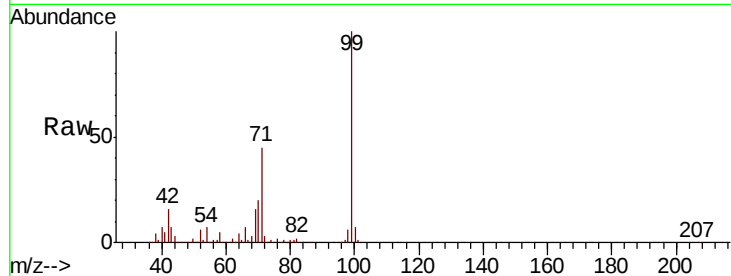
Tot Ion: 99 Resp: 606545

Ion Ratio Lower Upper

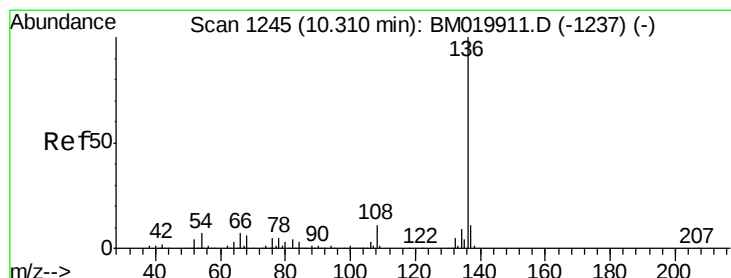
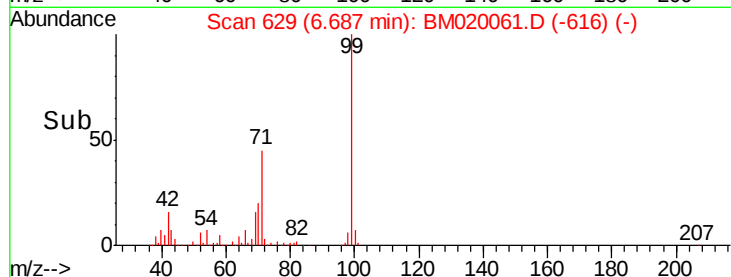
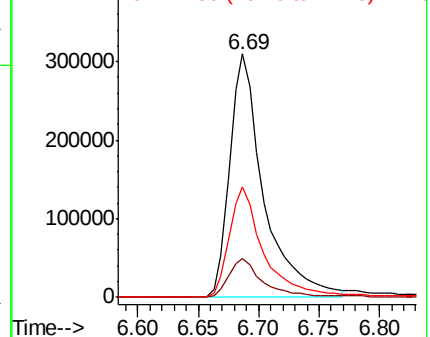
99 100

42 15.8 11.8 17.8

71 45.2 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM020061.D

Acq: 24 Apr 2019 07:18

Tgt Ion: 136 Resp: 205612

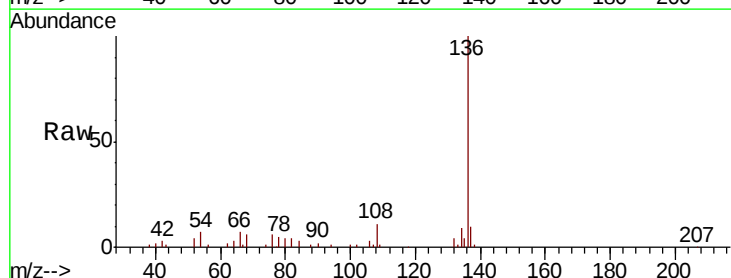
Ion Ratio Lower Upper

136 100

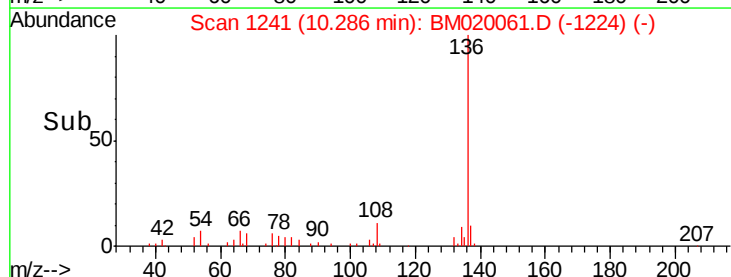
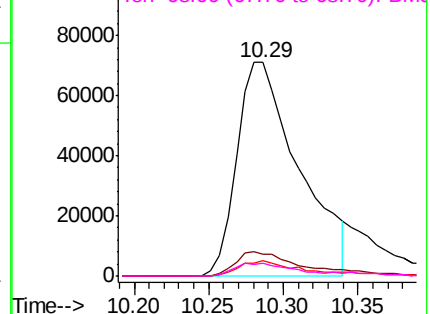
137 10.3 9.0 13.6

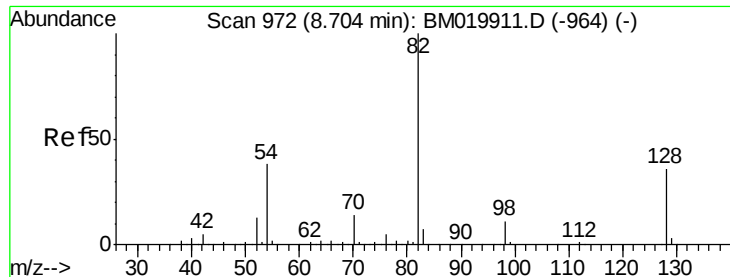
54 7.1 5.3 7.9

68 6.0 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

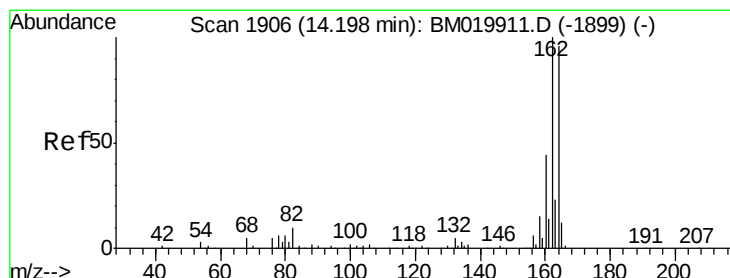
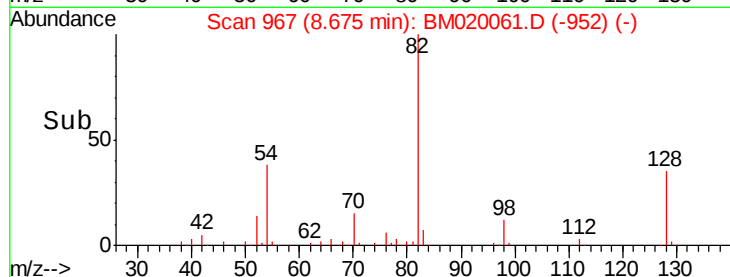
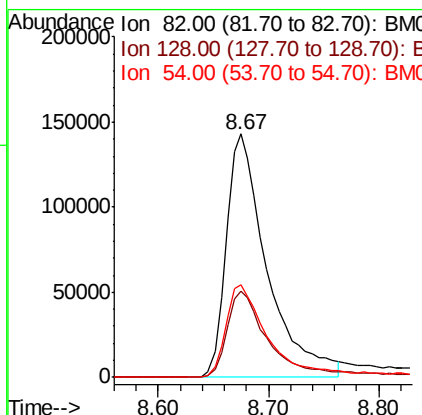
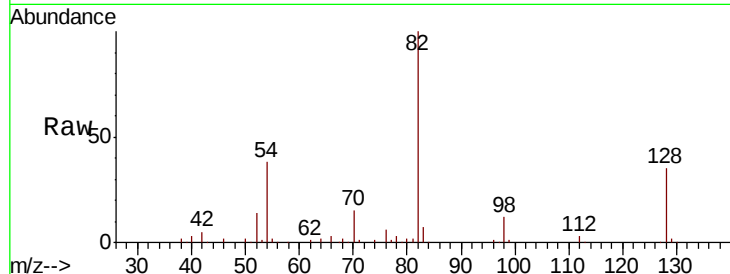




#23
 Nitrobenzene-d5
 Concen: 80.441 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020061.D
 Acq: 24 Apr 2019 07:18

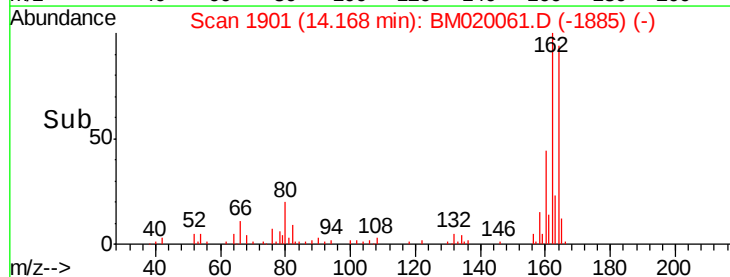
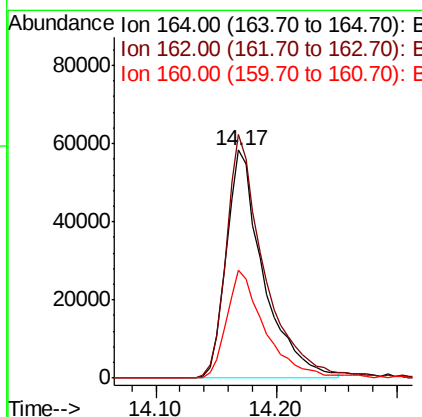
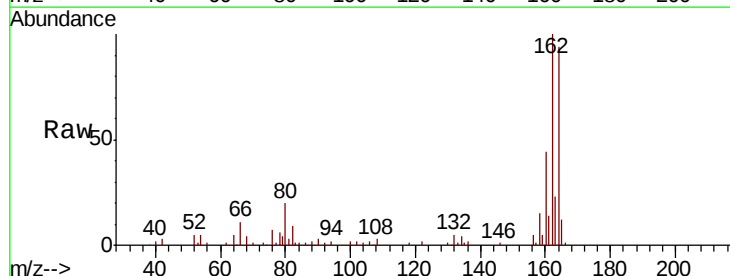
Instrument :
 BNA_M
 ClientSampleId :
 PB119063BL

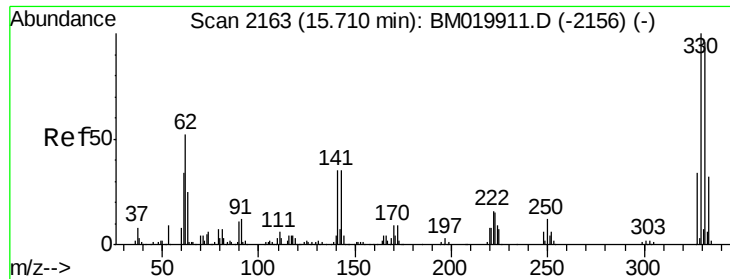
Tot Ion	82	Resp	369839
Ion Ratio	100	Lower	Upper
128	35.3	29.0	43.4
54	38.1	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BM020061.D
 Acq: 24 Apr 2019 07:18

Tgt Ion	164	Resp	124916
Ion Ratio	100	Lower	Upper
162	106.7	83.0	124.4
160	47.3	36.6	55.0

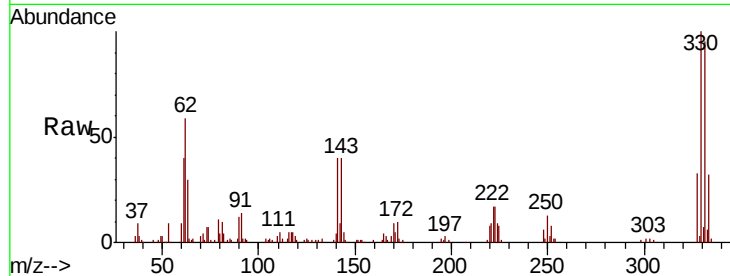




#42
 2,4,6-Tribromophenol
 Concen: 92.942 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020061.D
 Acq: 24 Apr 2019 07:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	40.8	29.0	43.4

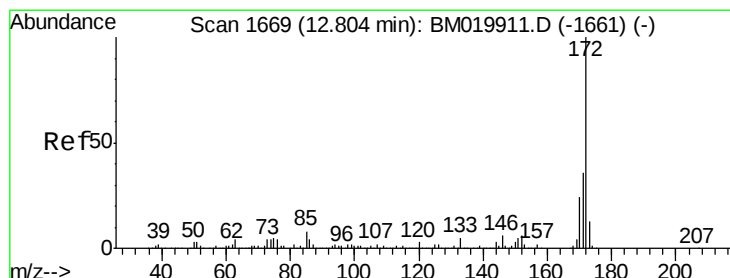
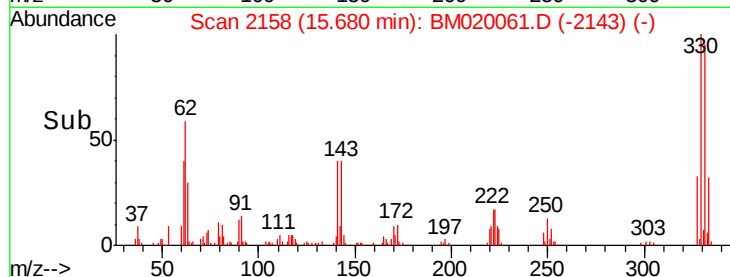
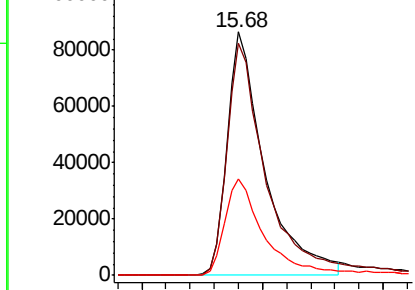


Abundance

Ion 329.80 (329.50 to 330.50): E

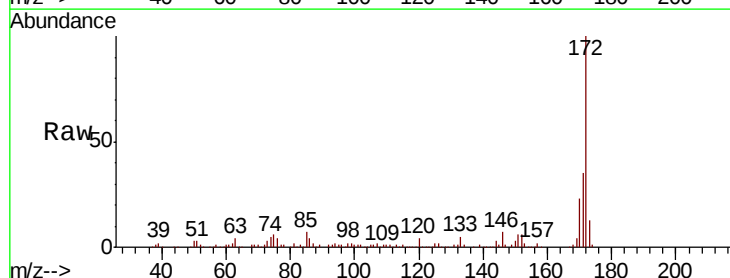
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.395 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020061.D
 Acq: 24 Apr 2019 07:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	23.4	19.0	28.4

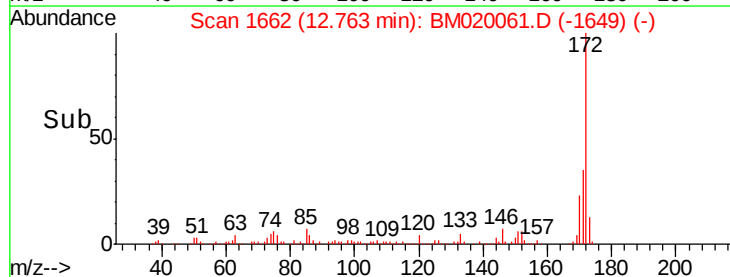
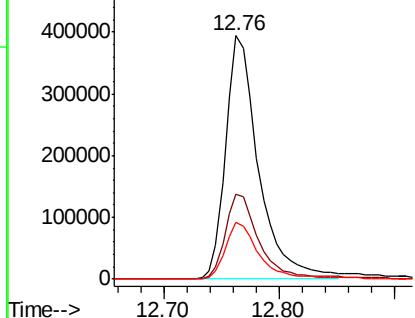


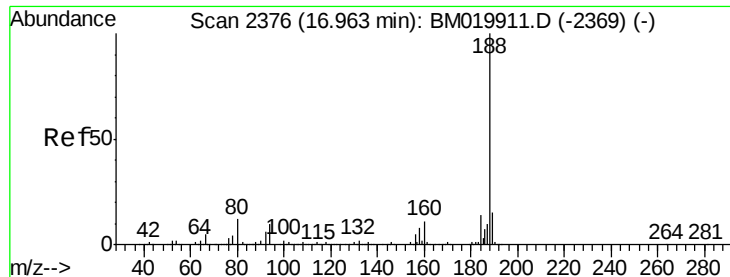
Abundance

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

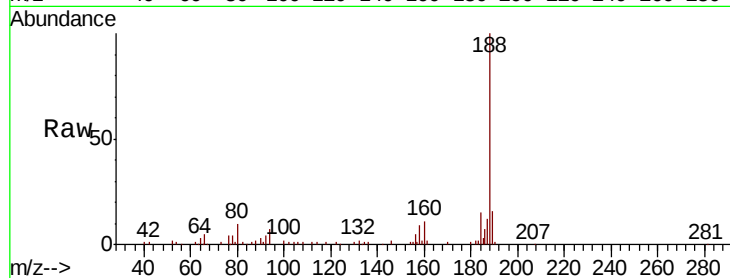




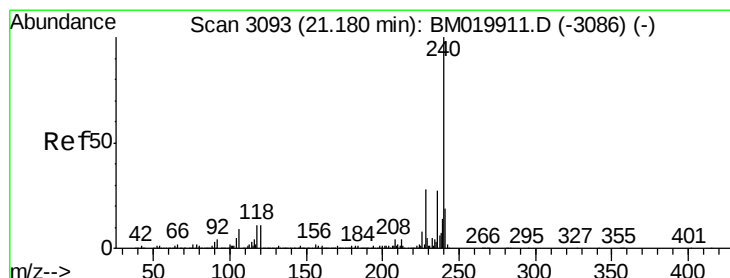
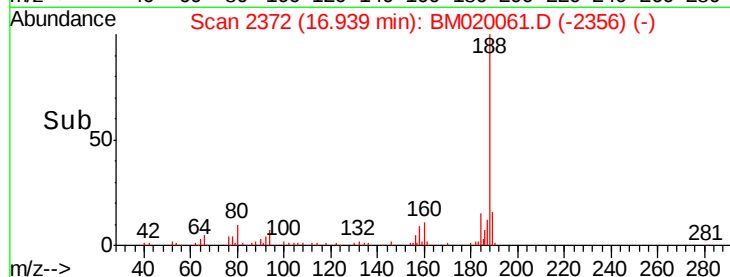
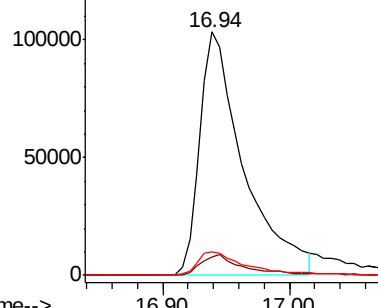
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM020061.D
Acq: 24 Apr 2019 07:18

Instrument :
BNA_M
ClientSampleId :
PB119063BL

Tot Ion:188 Resp: 248687
Ion Ratio Lower Upper
188 100
94 7.4 7.6 11.4#
80 9.8 9.4 14.0

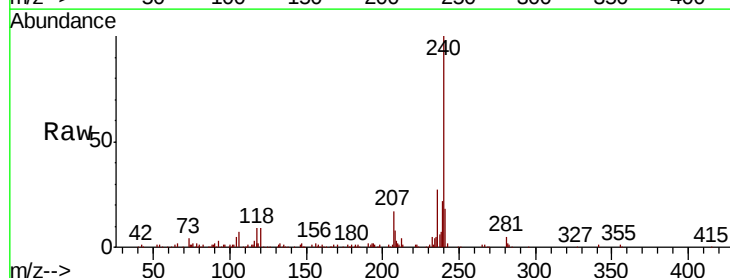


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

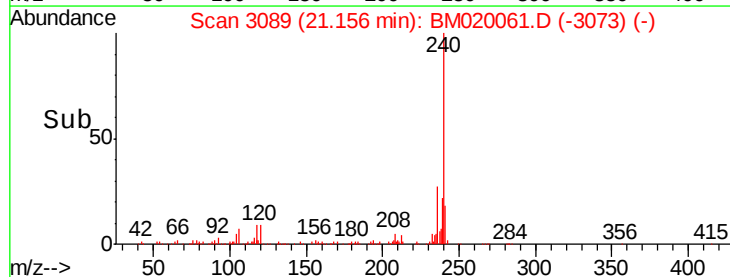
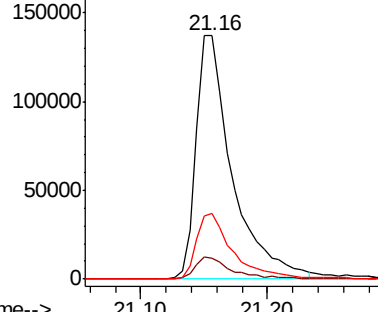


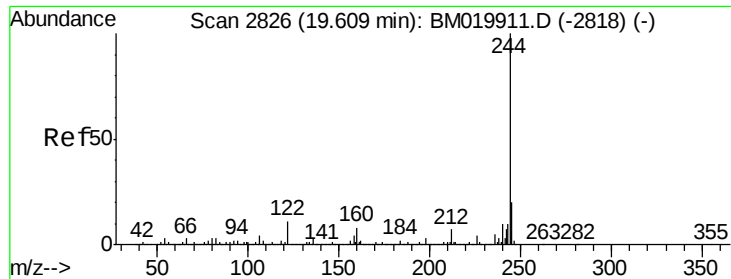
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM020061.D
Acq: 24 Apr 2019 07:18

Tgt Ion:240 Resp: 270712
Ion Ratio Lower Upper
240 100
120 8.6 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: 79.516 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020061.D

Acq: 24 Apr 2019 07:18

Instrument :

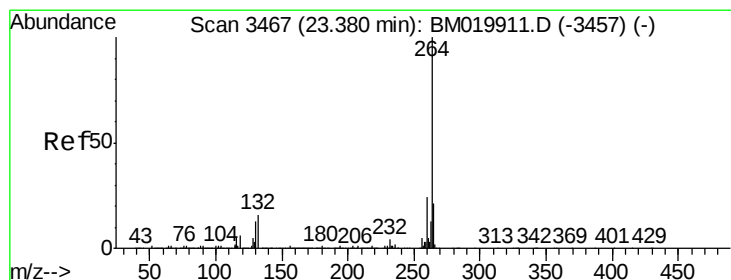
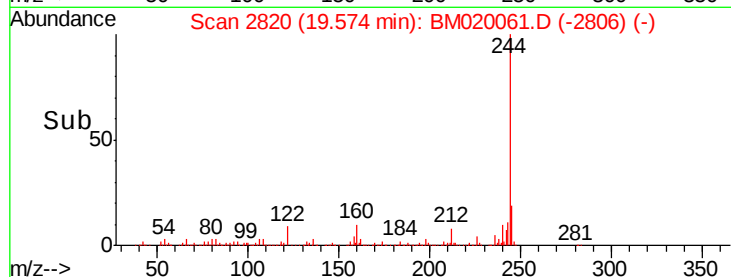
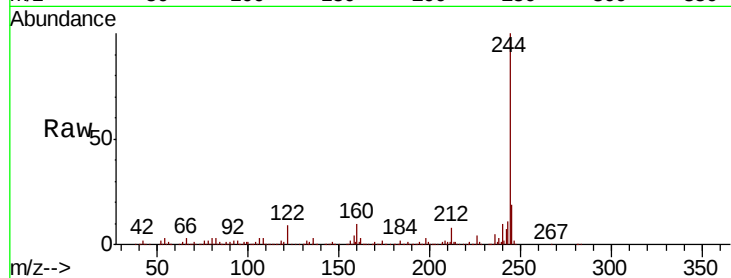
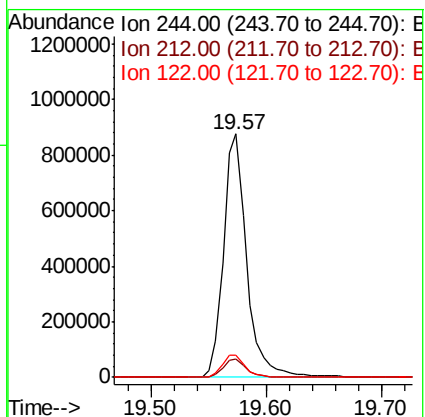
BNA_M

ClientSampleId :

PB119063BL

Tot Ion:244 Resp: 1220410

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	9.2	9.1	13.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3459

Delta R.T. -0.02 min

Lab File: BM020061.D

Acq: 24 Apr 2019 07:18

Tgt Ion:264 Resp: 346227

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	23.0	17.2	25.8

