

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020041.D
 Acq On : 23 Apr 2019 17:53
 Operator : JU/SJ
 Sample : PB119131BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:57:19 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

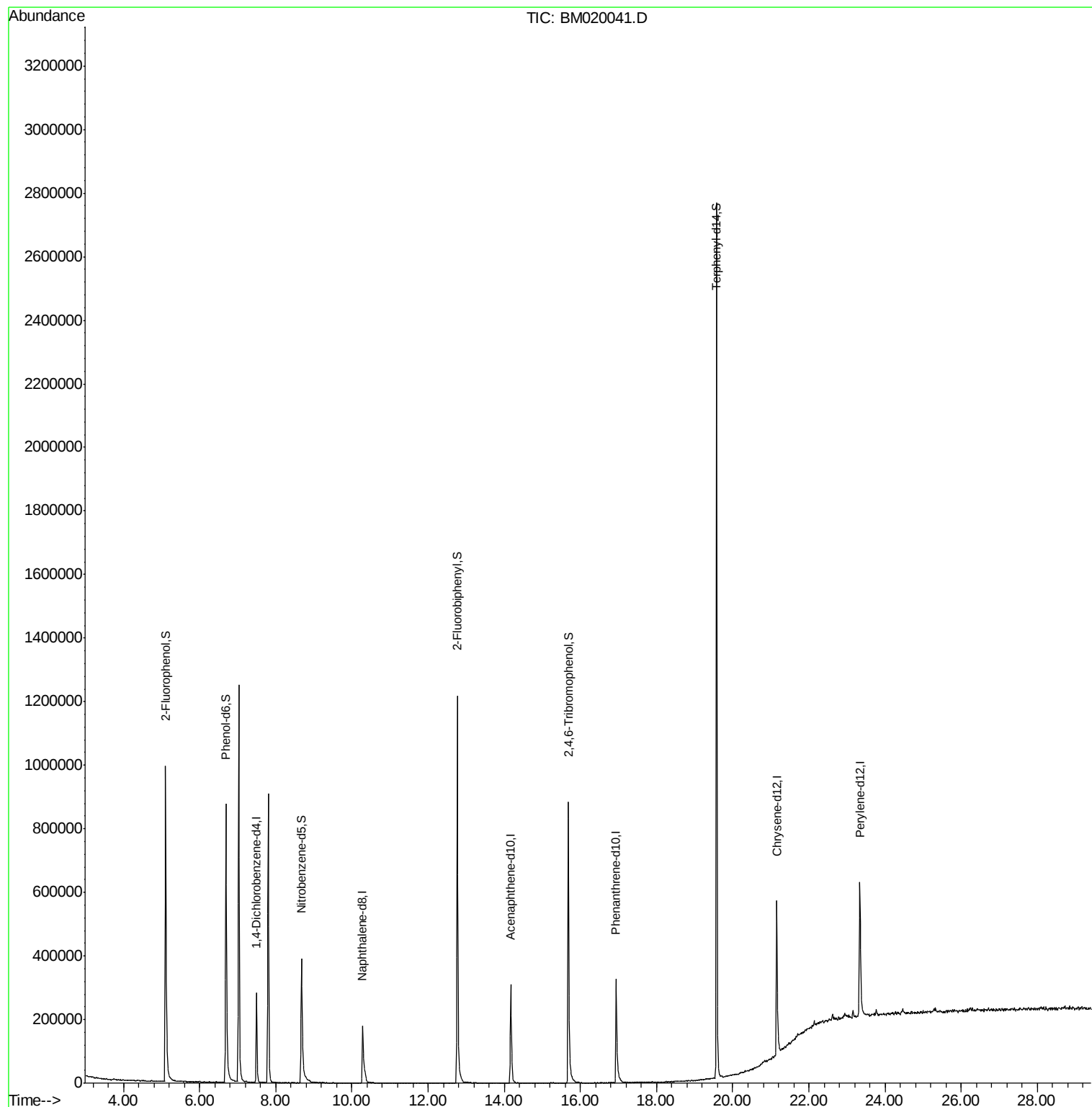
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	74594	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	222341	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	132968	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	283250	20.00	ng	0.00
76) Chrysene-d12	21.16	240	300732	20.00	ng	0.00
87) Perylene-d12	23.34	264	377337	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	483839	105.12	ng	-0.02
7) Phenol-d6	6.69	99	604774	87.31	ng	-0.02
23) Nitrobenzene-d5	8.67	82	366571	73.73	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	210713	98.44	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	777424	72.86	ng	-0.02
79) Terphenyl-d14	19.57	244	1256110	73.67	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.68	77	1606	Below Cal	Qvalue #	7

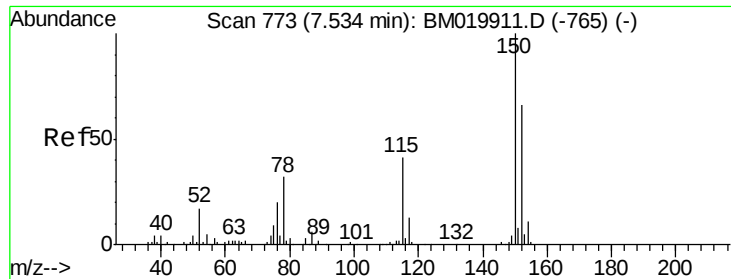
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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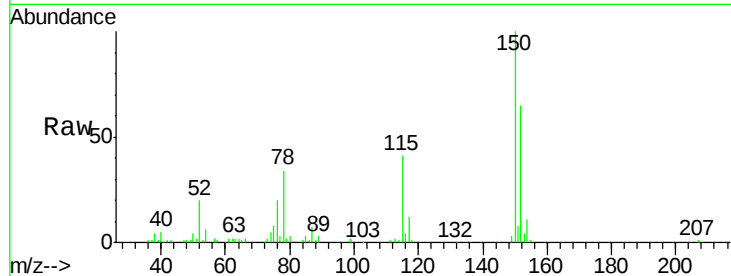


#1

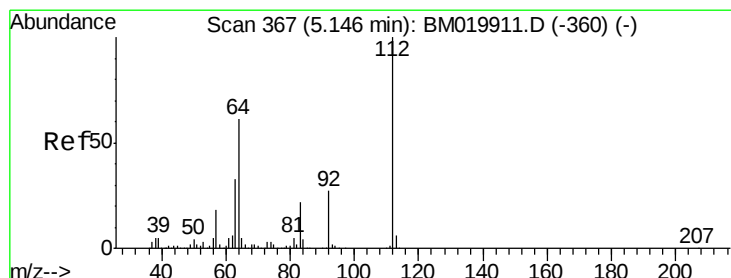
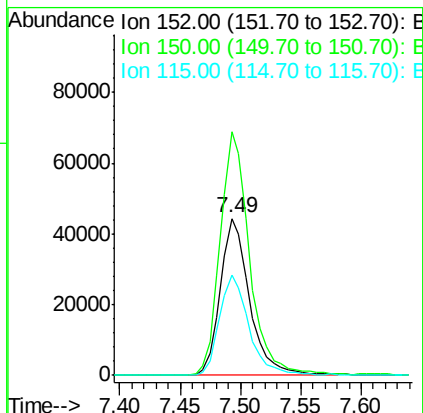
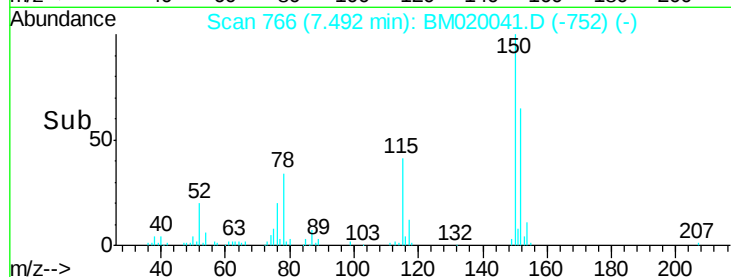
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020041.D
Acq: 23 Apr 2019 17:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 74594
Ion Ratio Lower Upper
152 100
150 155.0 122.1 183.1
115 63.8 50.0 75.0



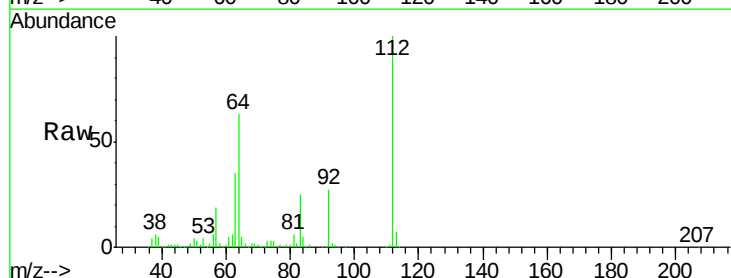
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



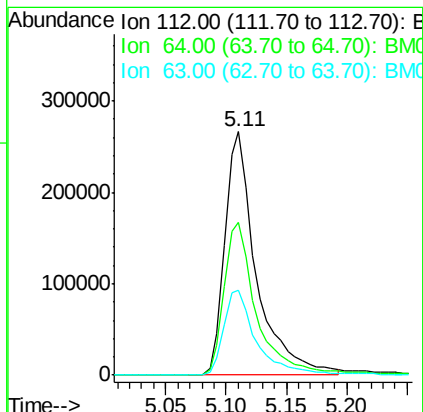
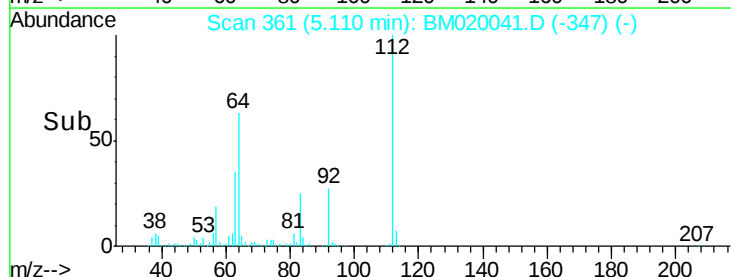
#5

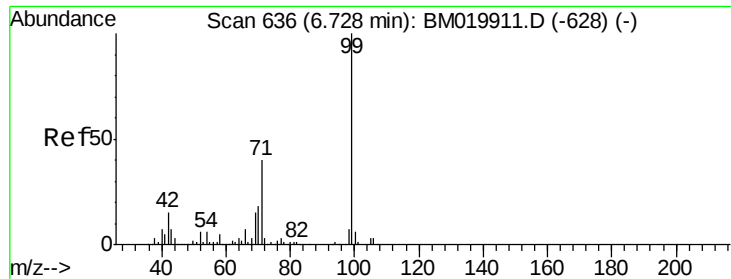
2-Fluorophenol
Concen: 105.120 ng
RT: 5.11 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM020041.D
Acq: 23 Apr 2019 17:53

Tgt Ion:112 Resp: 483839
Ion Ratio Lower Upper
112 100
64 62.5 49.1 73.7
63 35.1 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: 87.306 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020041.D

Acq: 23 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

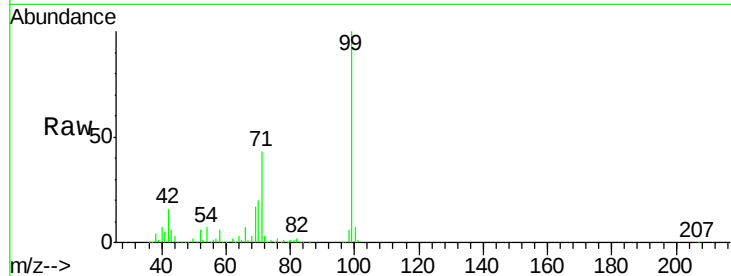
Tot Ion: 99 Resp: 604774

Ion Ratio Lower Upper

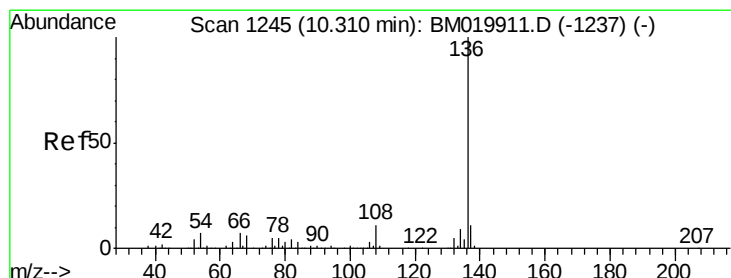
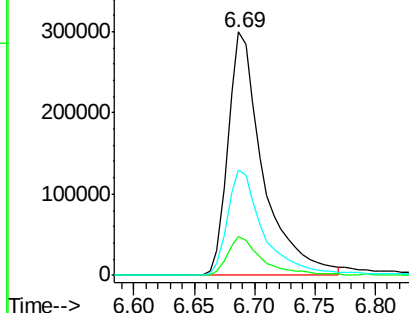
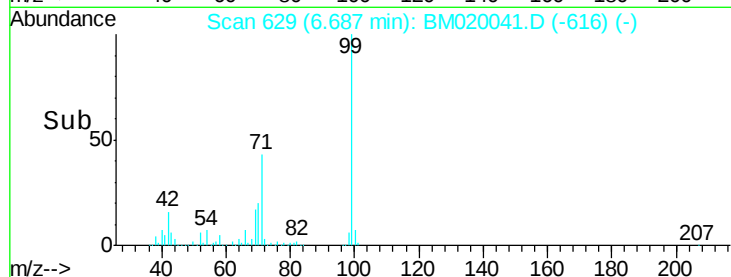
99 100

42 16.1 11.8 17.8

71 43.5 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: BM020041.D

Acq: 23 Apr 2019 17:53

Tgt Ion: 136 Resp: 222341

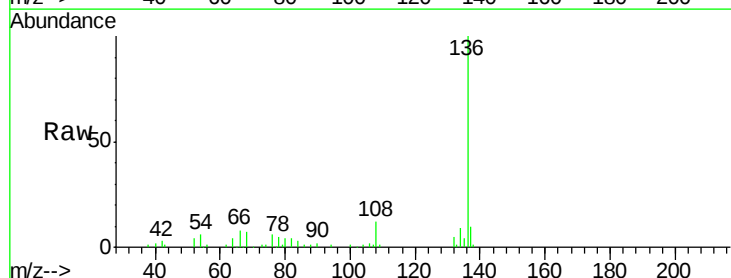
Ion Ratio Lower Upper

136 100

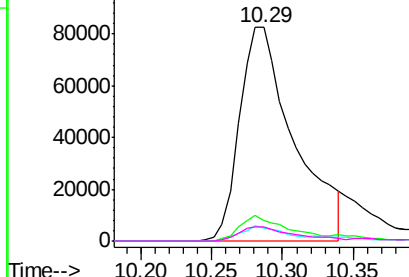
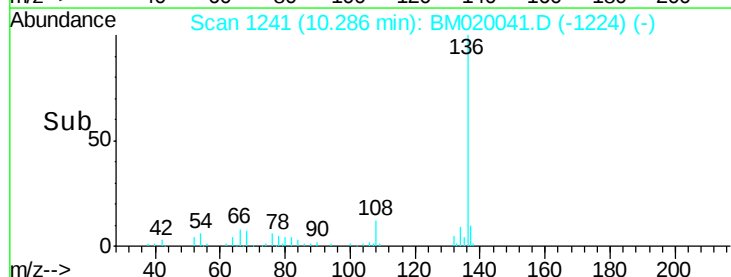
137 9.9 9.0 13.6

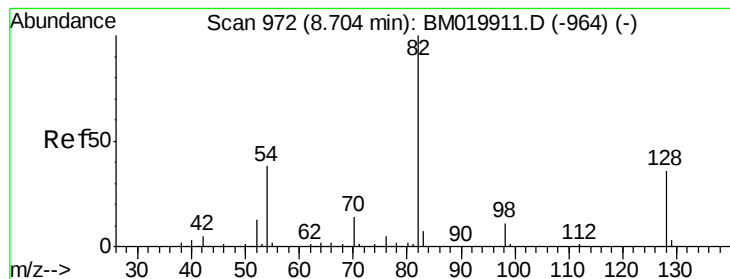
54 5.9 5.3 7.9

68 6.7 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: 73.731 ng

RT: 8.67 min Scan# 967

Delta R.T. -0.01 min

Lab File: BM020041.D

Acq: 23 Apr 2019 17:53

Instrument :

BNA_M

ClientSampleId :

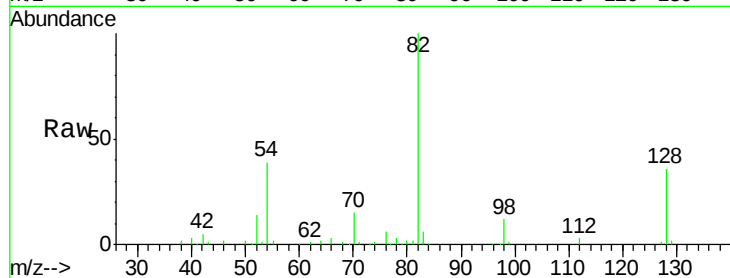
Tot Ion: 82 Resp: 366571

Ion Ratio Lower Upper

82 100

128 36.3 29.0 43.4

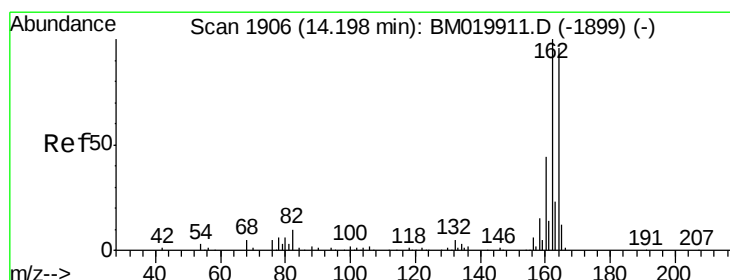
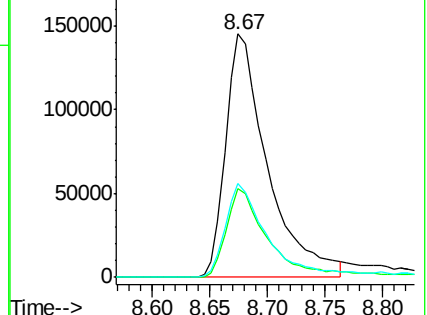
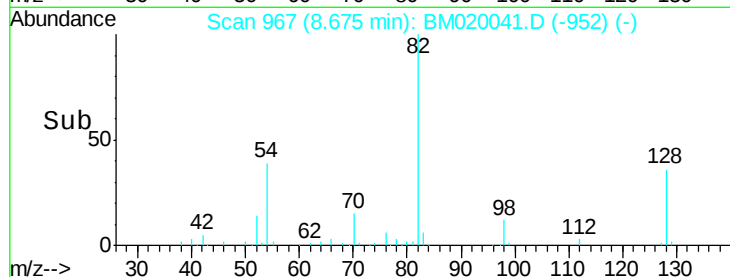
54 38.7 30.2 45.4



Abundance Ion 82.00 (81.70 to 82.70): BM019911.D (-964) (-)

Ion 128.00 (127.70 to 128.70): BM019911.D (-964) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-964) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM020041.D

Acq: 23 Apr 2019 17:53

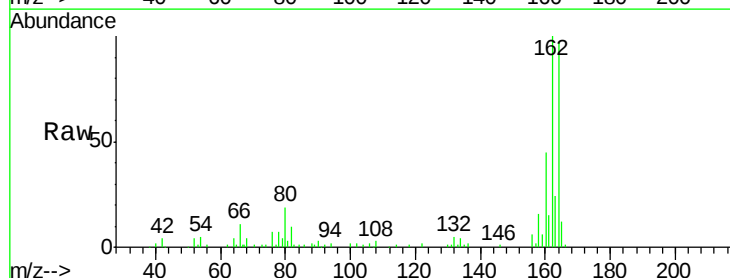
Tgt Ion: 164 Resp: 132968

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.4

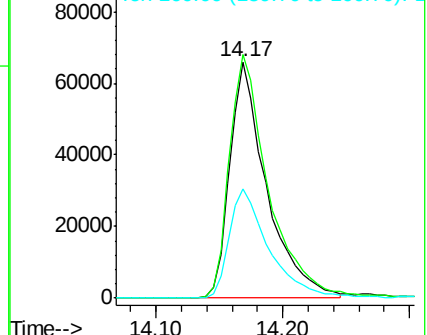
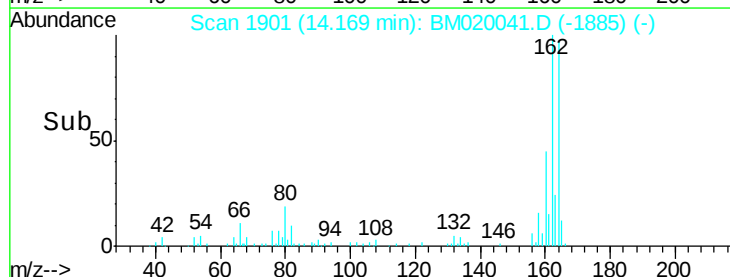
160 46.4 36.6 55.0

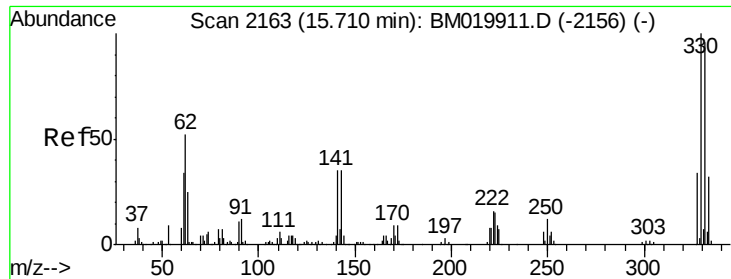


Abundance Ion 164.00 (163.70 to 164.70): BM019911.D (-1899) (-)

Ion 162.00 (161.70 to 162.70): BM019911.D (-1899) (-)

Ion 160.00 (159.70 to 160.70): BM019911.D (-1899) (-)

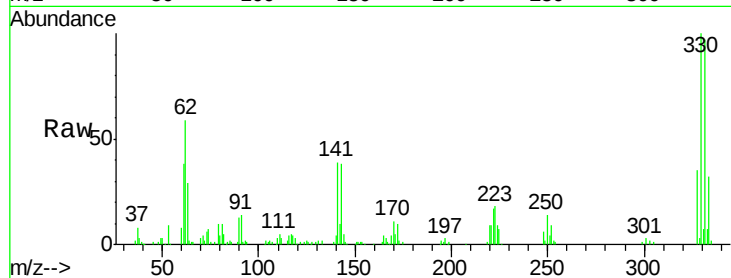




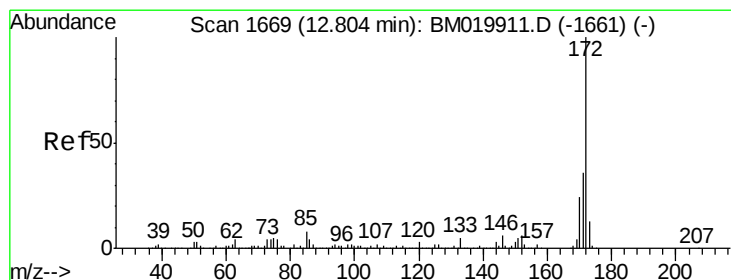
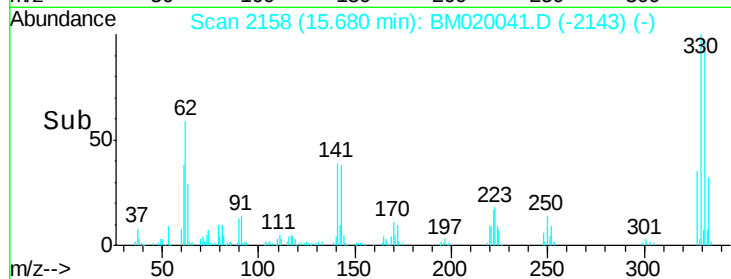
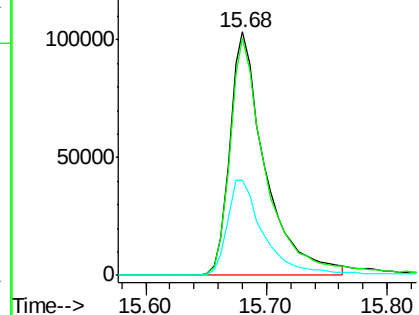
#42
 2,4,6-Tribromophenol
 Concen: 98.445 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020041.D
 Acq: 23 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	40.0	29.0	43.4

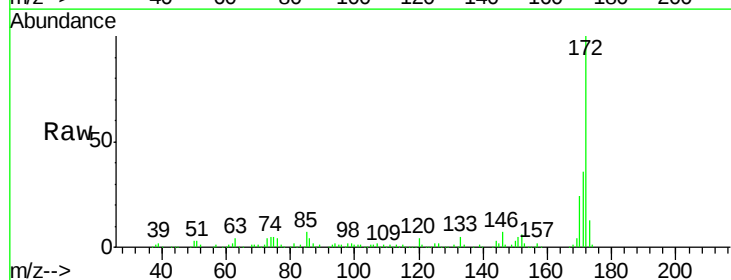


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

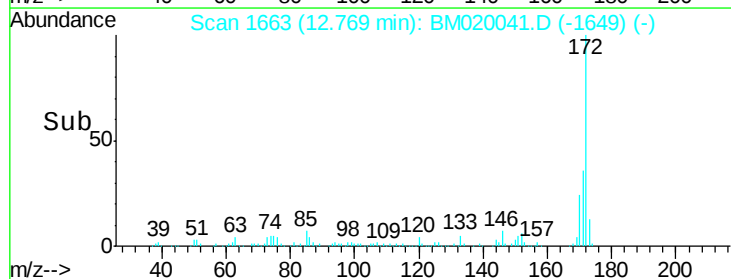
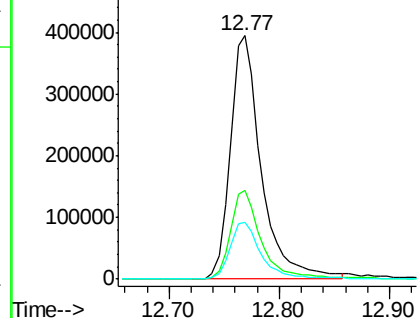


#45
 2-Fluorobiphenyl
 Concen: 72.863 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BM020041.D
 Acq: 23 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.5	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

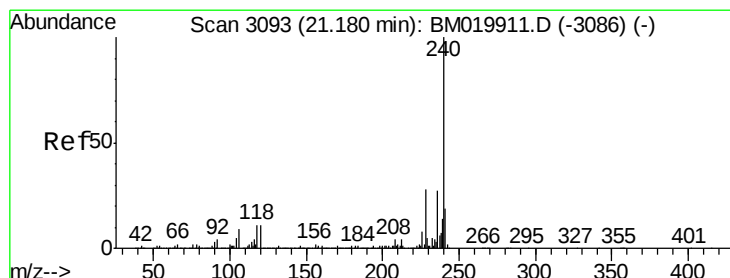
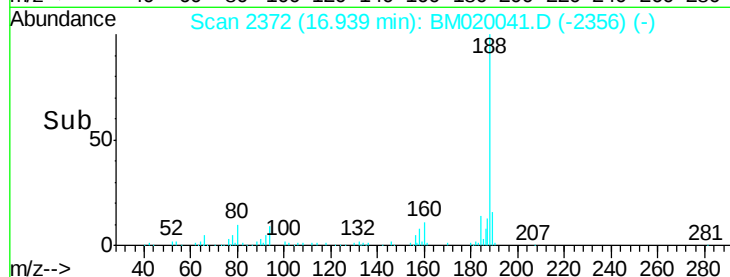
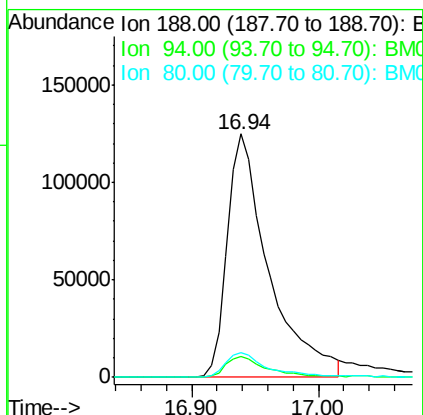
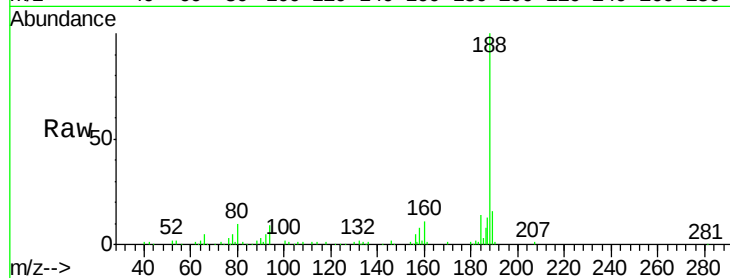




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM020041.D
Acq: 23 Apr 2019 17:53

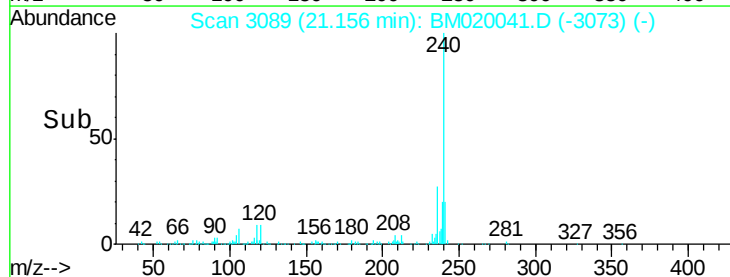
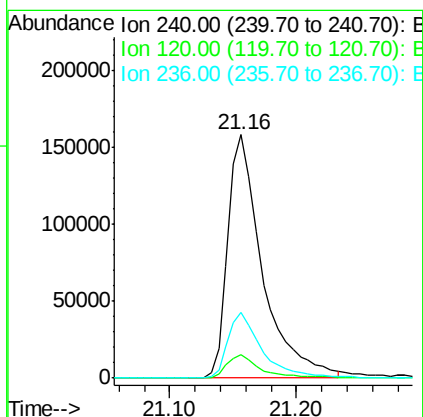
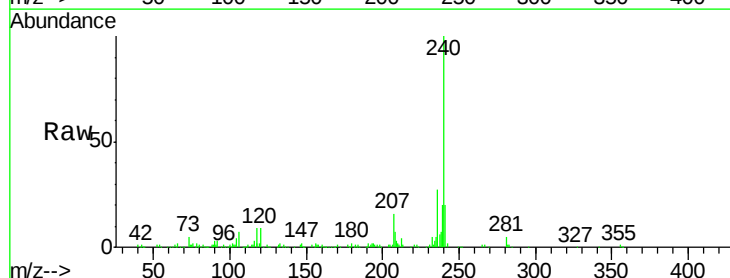
Instrument :
BNA_M
ClientSampleId :

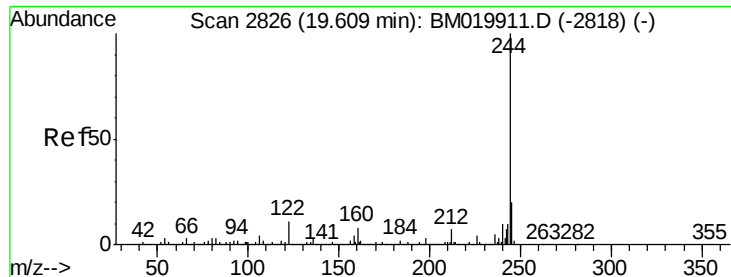
Tot Ion:188 Resp: 283250
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 10.3 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM020041.D
Acq: 23 Apr 2019 17:53

Tgt Ion:240 Resp: 300732
Ion Ratio Lower Upper
240 100
120 9.5 8.6 13.0
236 26.7 21.4 32.2

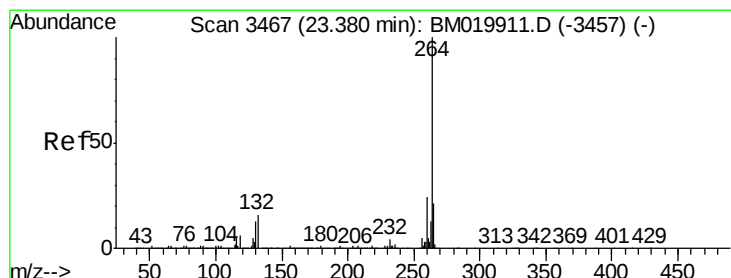
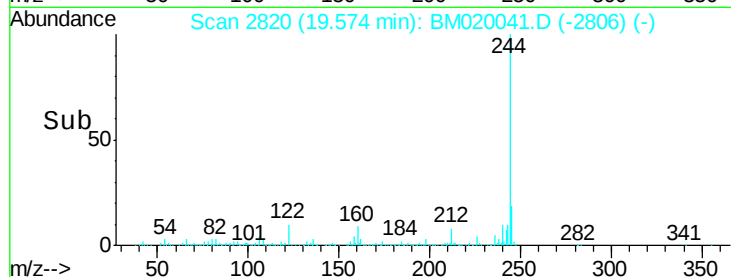
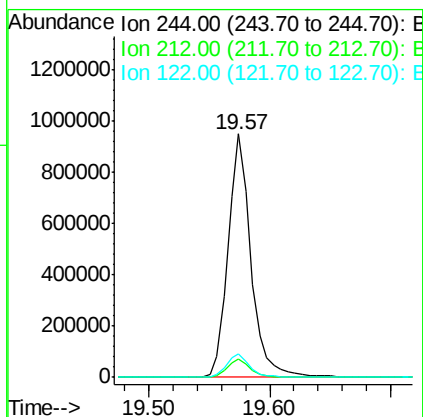
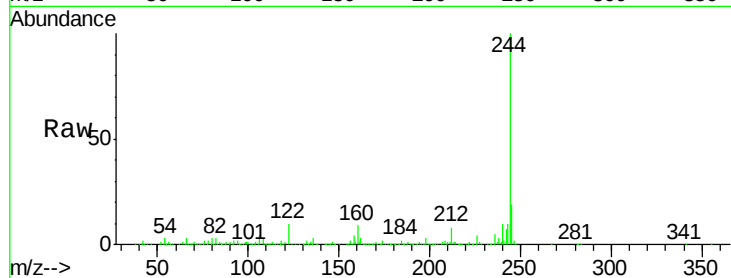




#79
 Terphenyl-d14
 Concen: 73.672 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020041.D
 Acq: 23 Apr 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1256110
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 9.8 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.01 min
 Lab File: BM020041.D
 Acq: 23 Apr 2019 17:53

Tgt Ion:264 Resp: 377337
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.7 17.2 25.8

