

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020046.D
 Acq On : 23 Apr 2019 20:56
 Operator : JU/SJ
 Sample : K2522-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:58:11 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

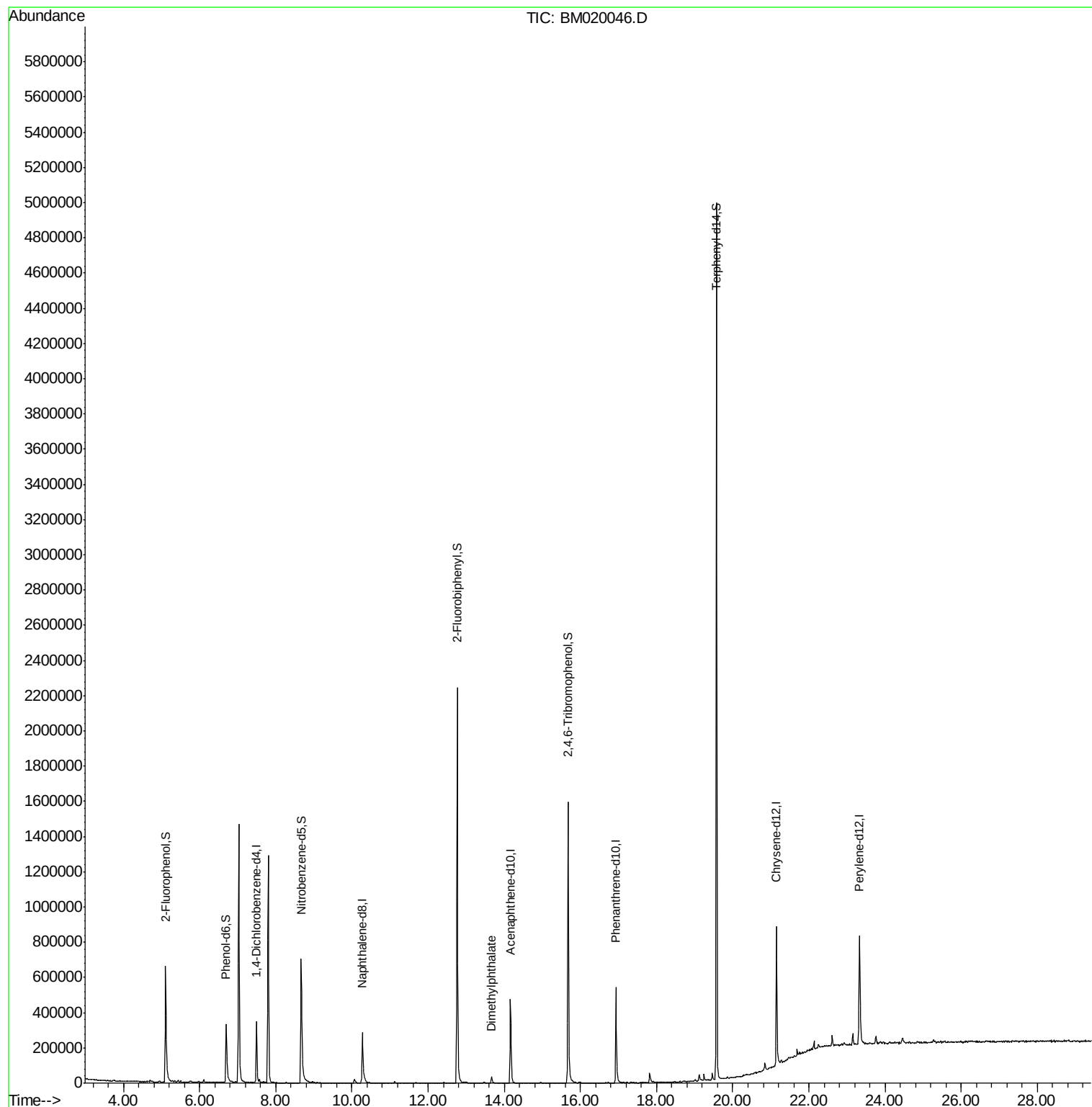
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	90622	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	303939	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	178087	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	380658	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	392143	20.00	ng	-0.01
87) Perylene-d12	23.33	264	487920	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	325245	58.17	ng	-0.02
7) Phenol-d6	6.69	99	255613	30.37	ng	-0.02
23) Nitrobenzene-d5	8.67	82	583127	85.80	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	335625	117.08	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1208968	84.60	ng	-0.02
79) Terphenyl-d14	19.57	244	2049163	92.17	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.69	77	332	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.67	163	31568	2.010 ng		99

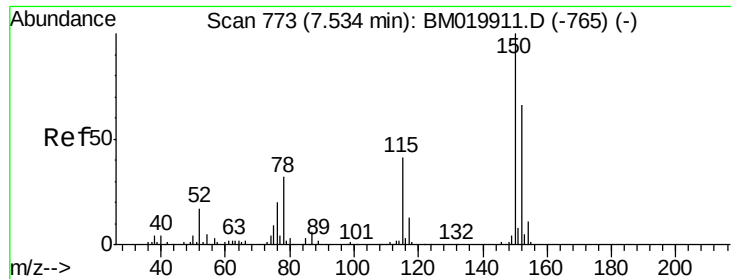
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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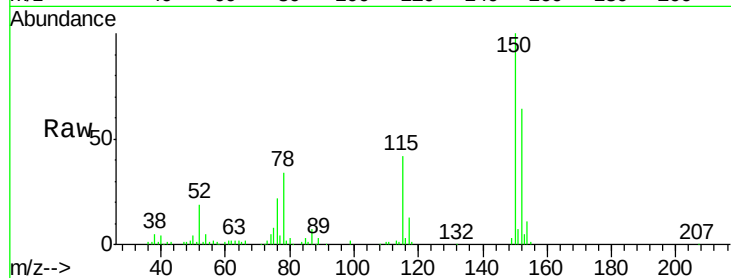


#1

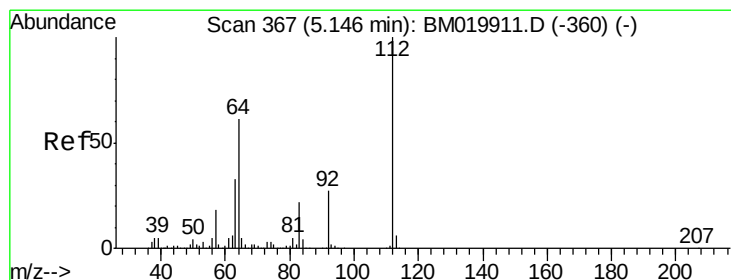
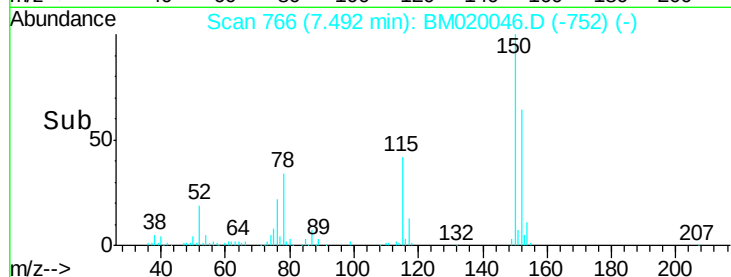
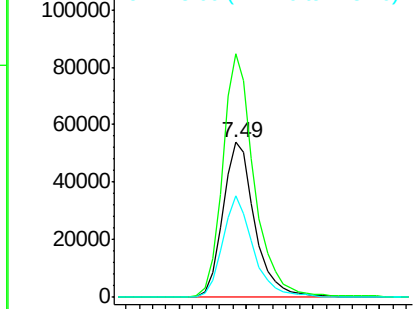
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020046.D
Acq: 23 Apr 2019 20:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 90622
Ion Ratio Lower Upper
152 100
150 157.4 122.1 183.1
115 65.4 50.0 75.0



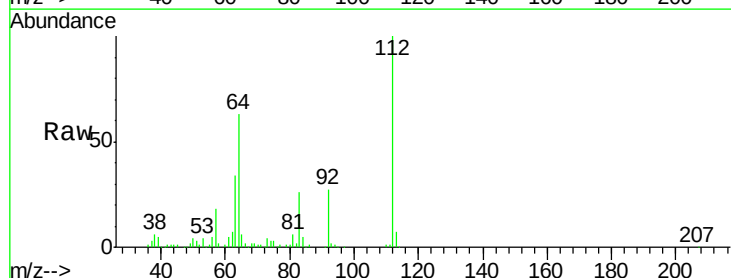
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



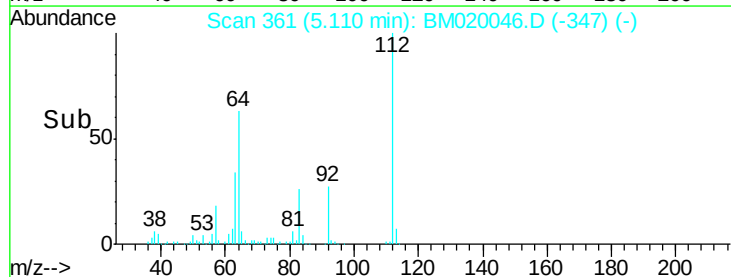
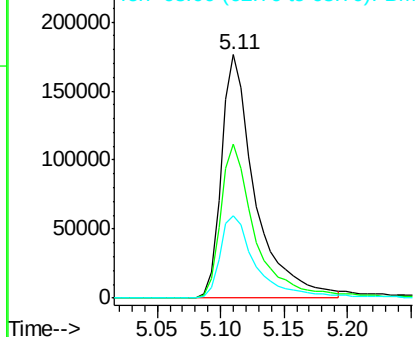
#5

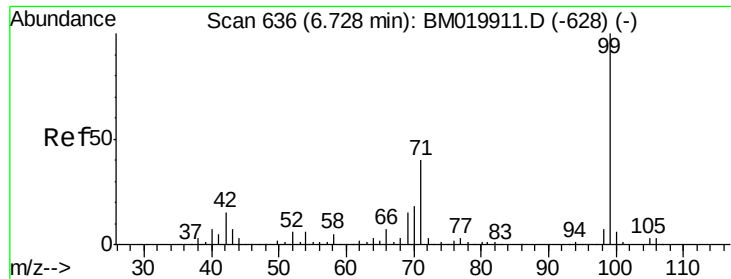
2-Fluorophenol
Concen: 58.166 ng
RT: 5.11 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM020046.D
Acq: 23 Apr 2019 20:56

Tgt Ion:112 Resp: 325245
Ion Ratio Lower Upper
112 100
64 63.1 49.1 73.7
63 34.1 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: 30.374 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020046.D

Acq: 23 Apr 2019 20:56

Instrument :

BNA_M

ClientSampleId :

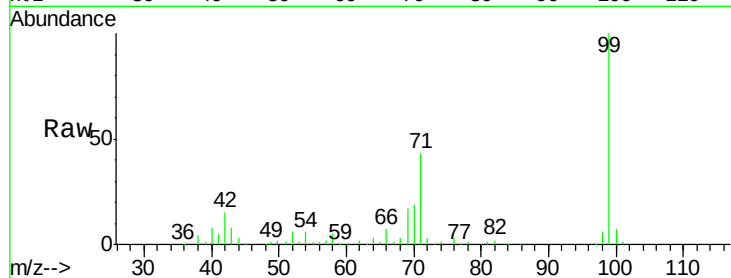
Tot Ion: 99 Resp: 255613

Ion Ratio Lower Upper

99 100

42 15.5 11.8 17.8

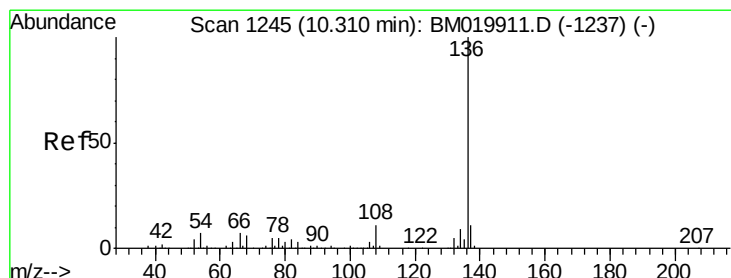
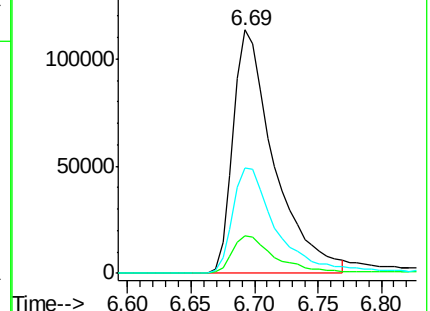
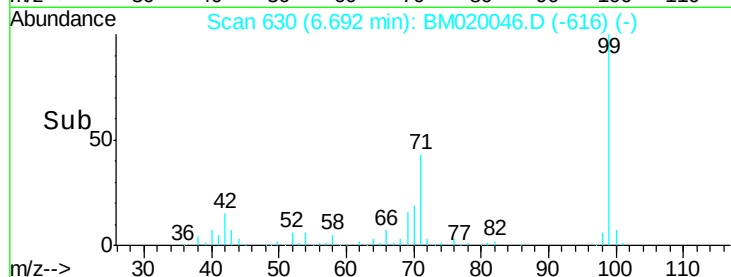
71 43.0 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BM020046.D

Acq: 23 Apr 2019 20:56

Tgt Ion: 136 Resp: 303939

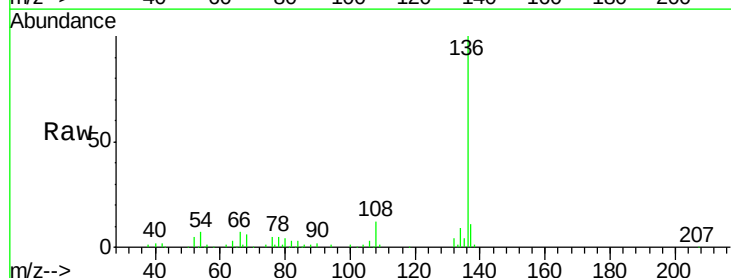
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.6 5.3 7.9

68 5.8 5.2 7.8

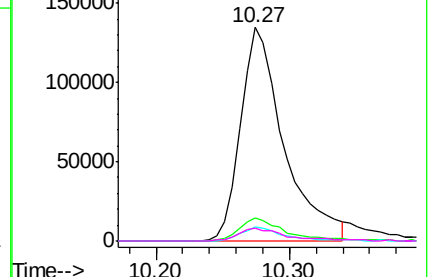
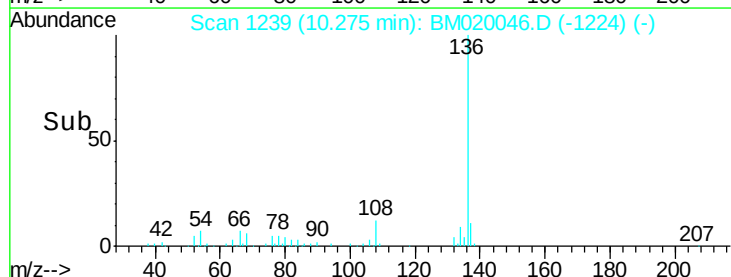


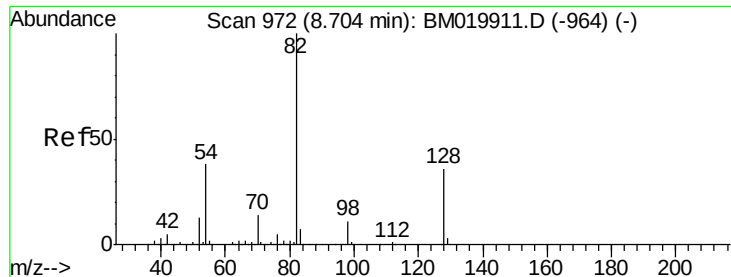
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)

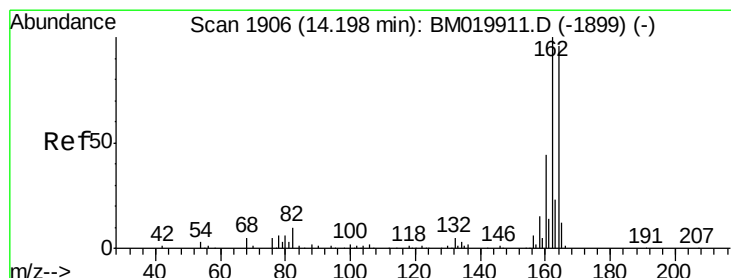
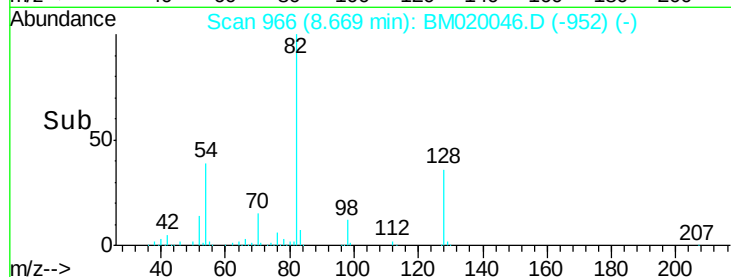
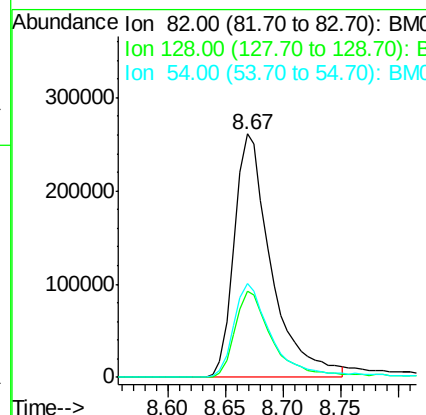
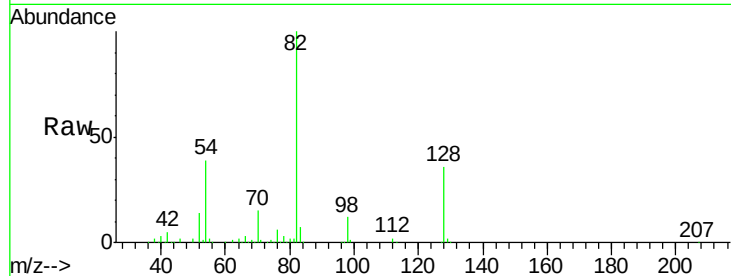




#23
 Nitrobenzene-d5
 Concen: 85.801 ng
 RT: 8.67 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM020046.D
 Acq: 23 Apr 2019 20:56

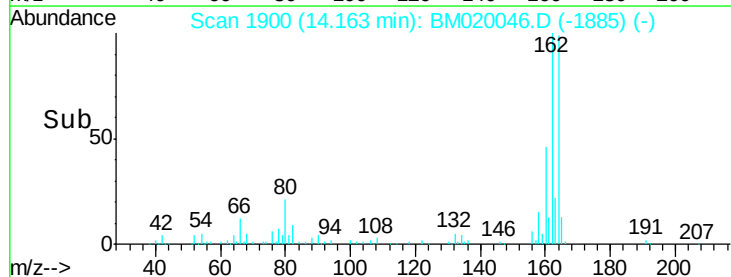
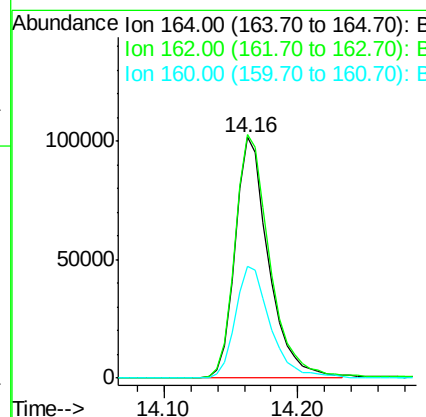
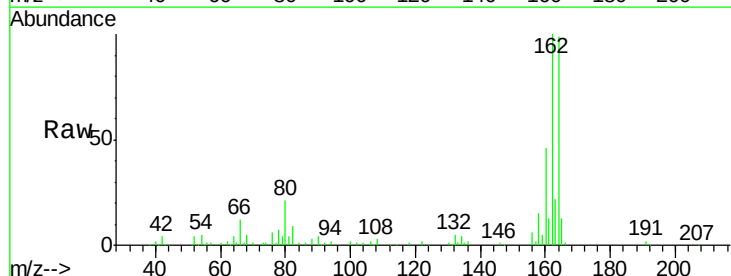
Instrument :
 BNA_M
 ClientSampleId :

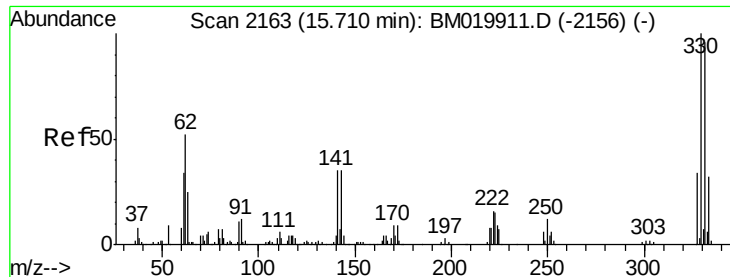
Tot Ion	82	Resp	583127
Ion Ratio	100	Lower	Upper
128	35.6	29.0	43.4
54	38.7	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.16 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BM020046.D
 Acq: 23 Apr 2019 20:56

Tgt Ion	164	Resp	178087
Ion Ratio	100	Lower	Upper
162	101.3	83.0	124.4
160	46.4	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 117.077 ng

RT: 15.67 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM020046.D

Acq: 23 Apr 2019 20:56

Instrument :

BNA_M

ClientSampled :

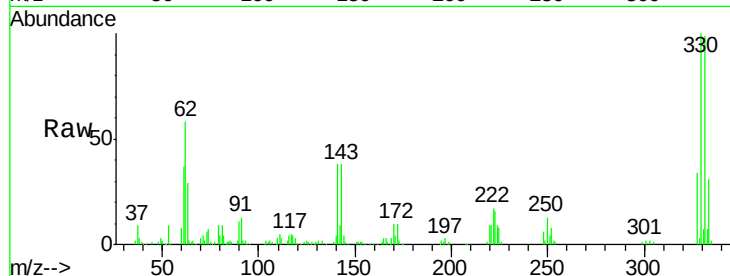
Tot Ion:330 Resp: 335625

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

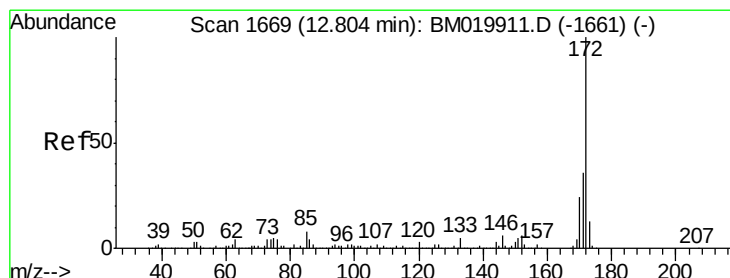
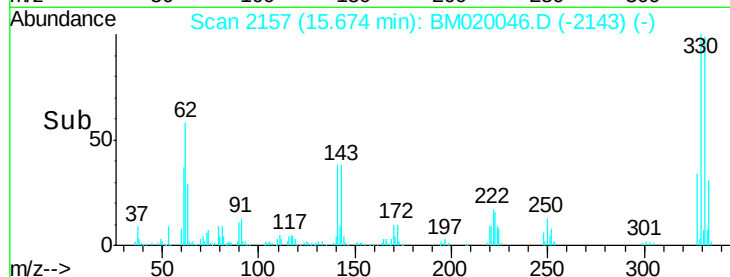
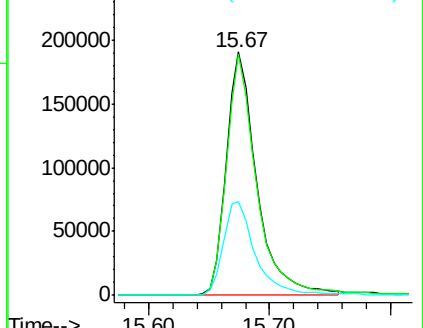
141 40.0 29.0 43.4



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: 84.602 ng

RT: 12.76 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BM020046.D

Acq: 23 Apr 2019 20:56

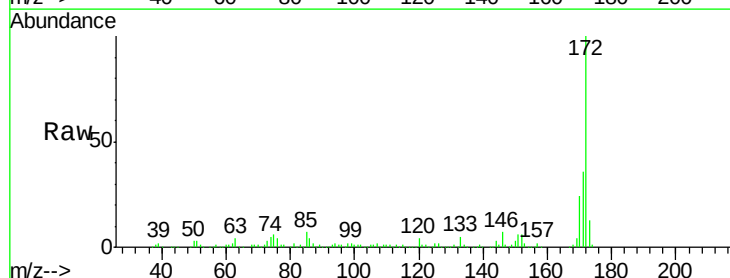
Tgt Ion:172 Resp: 1208968

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

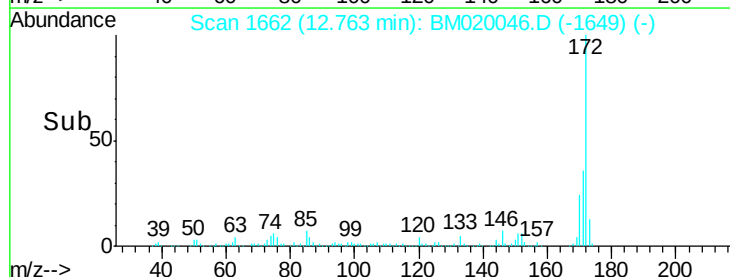
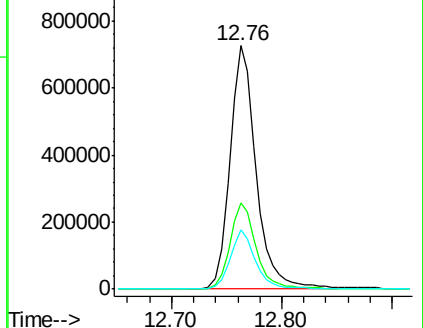
170 24.2 19.0 28.4

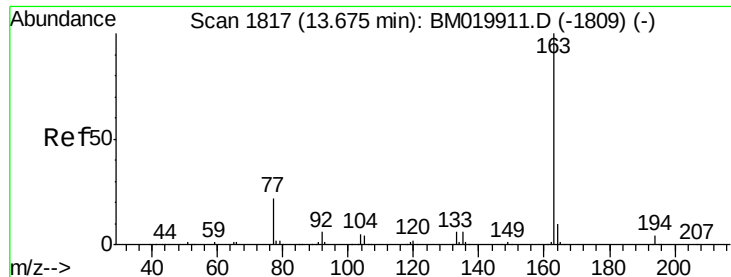


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.010 ng

RT: 13.67 min Scan# 1816

Delta R.T. 0.02 min

Lab File: BM020046.D

Acq: 23 Apr 2019 20:56

Instrument :

BNA_M

ClientSampleId :

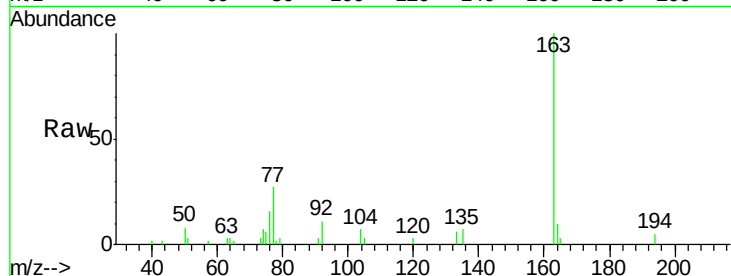
Tot Ion:163 Resp: 31568

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

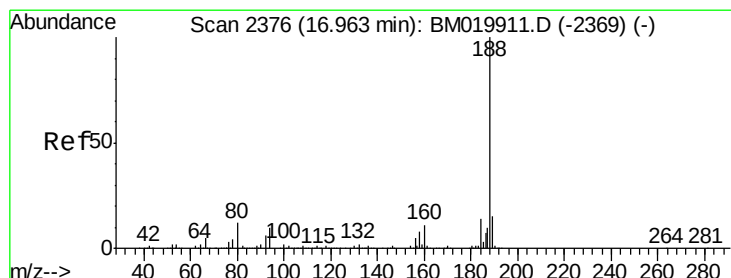
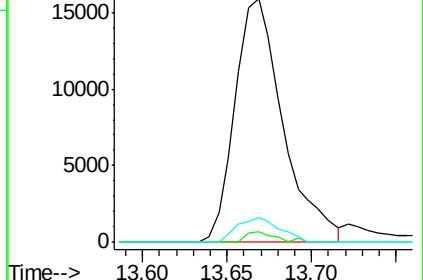
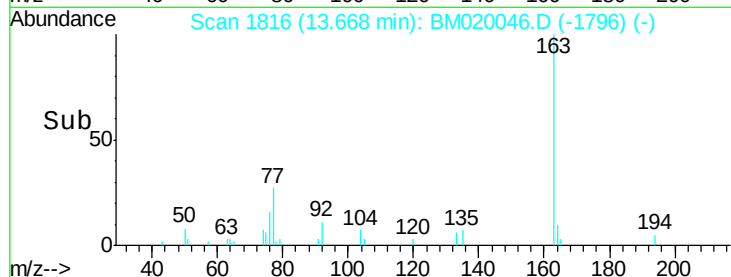
164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.93 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BM020046.D

Acq: 23 Apr 2019 20:56

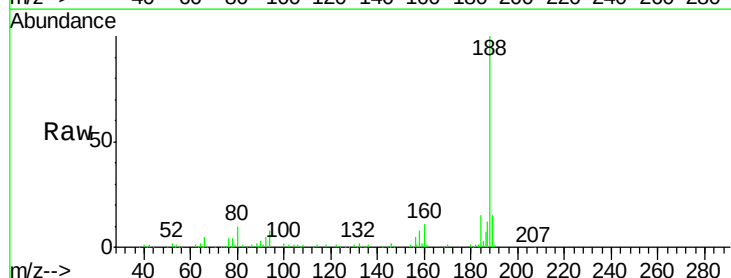
Tgt Ion:188 Resp: 380658

Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

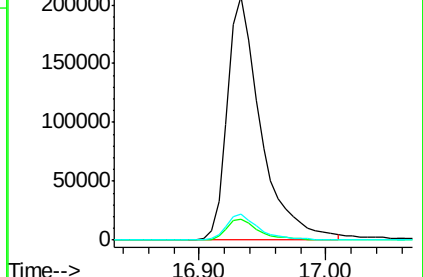
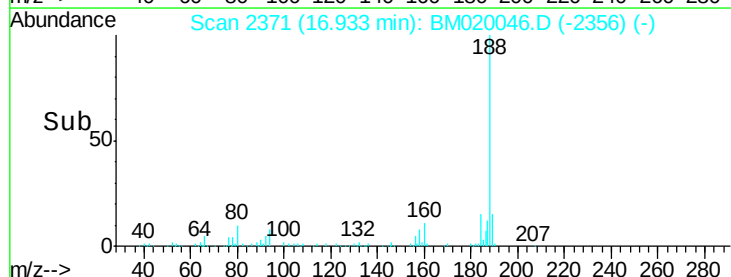
80 10.5 9.4 14.0

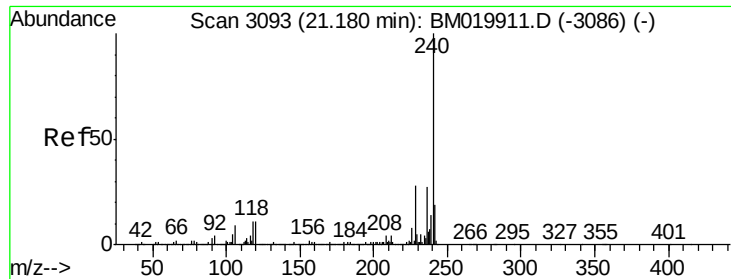


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

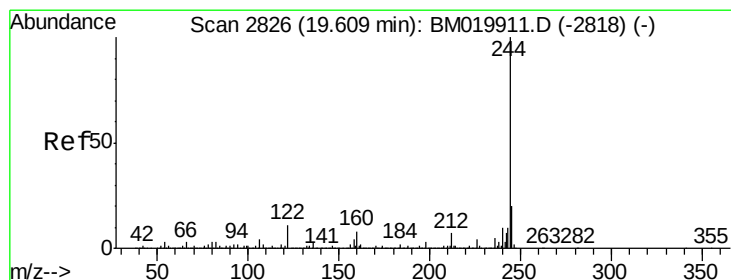
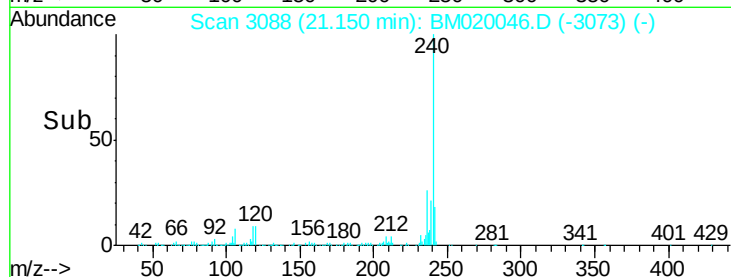
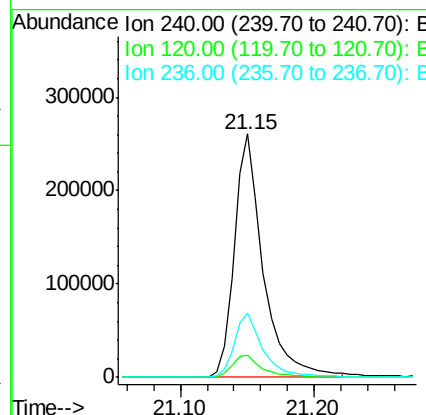
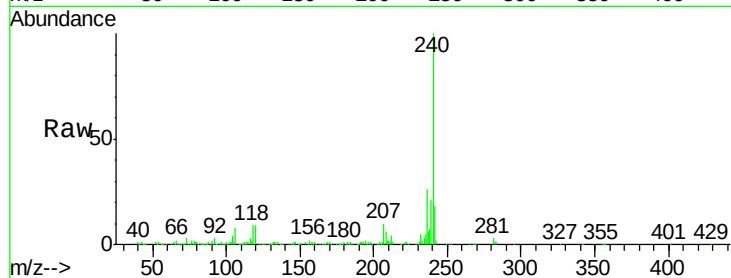




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM020046.D
 Acq: 23 Apr 2019 20:56

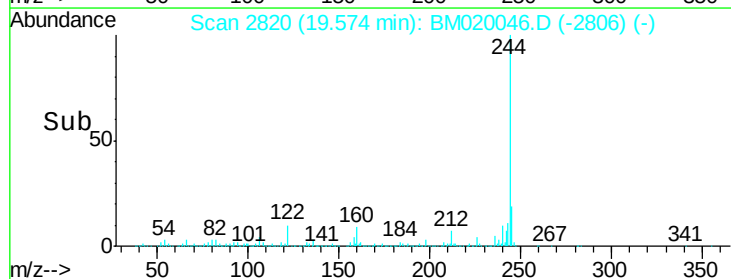
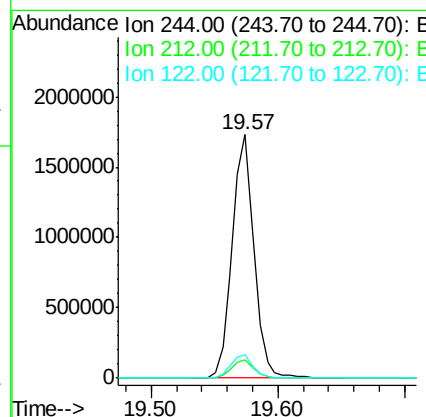
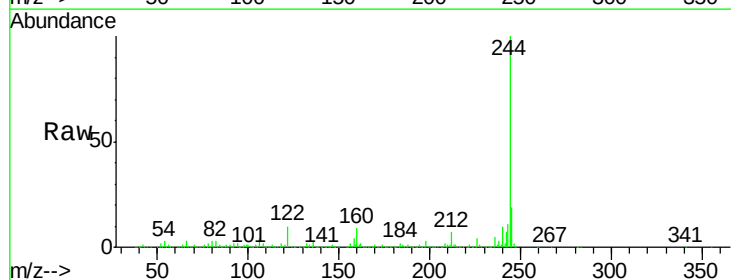
Instrument :
 BNA_M
 ClientSampleId :

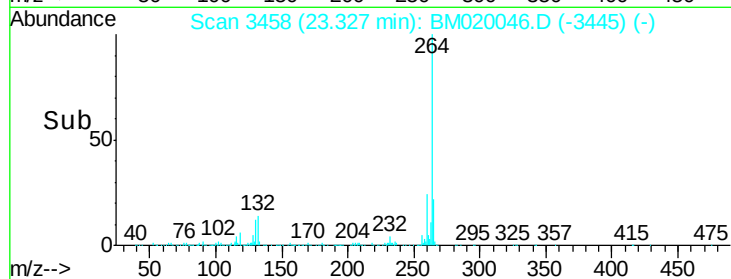
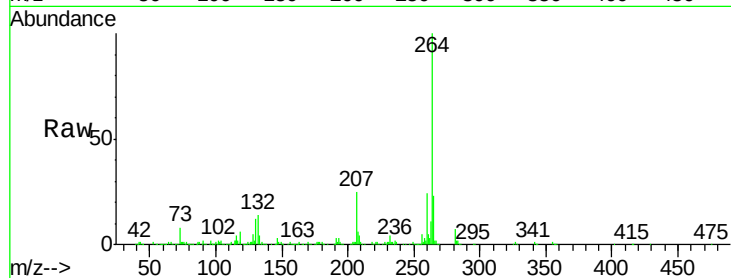
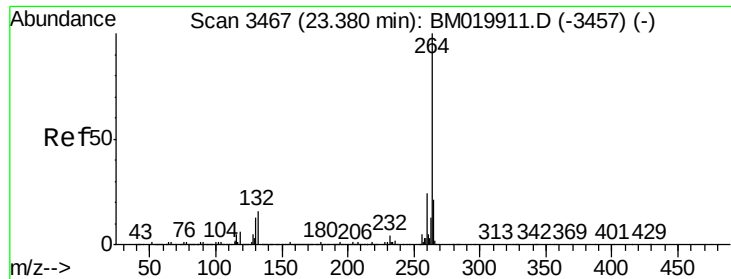
Tot Ion:240 Resp: 392143
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.6 13.0
 236 26.3 21.4 32.2



#79
 Terphenyl-d14
 Concen: 92.170 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020046.D
 Acq: 23 Apr 2019 20:56

Tgt Ion:244 Resp: 2049163
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 9.7 9.1 13.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BM020046.D
Acq: 23 Apr 2019 20:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.0	17.2	25.8

