

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020047.D
 Acq On : 23 Apr 2019 21:32
 Operator : JU/SJ
 Sample : K2522-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:58:17 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

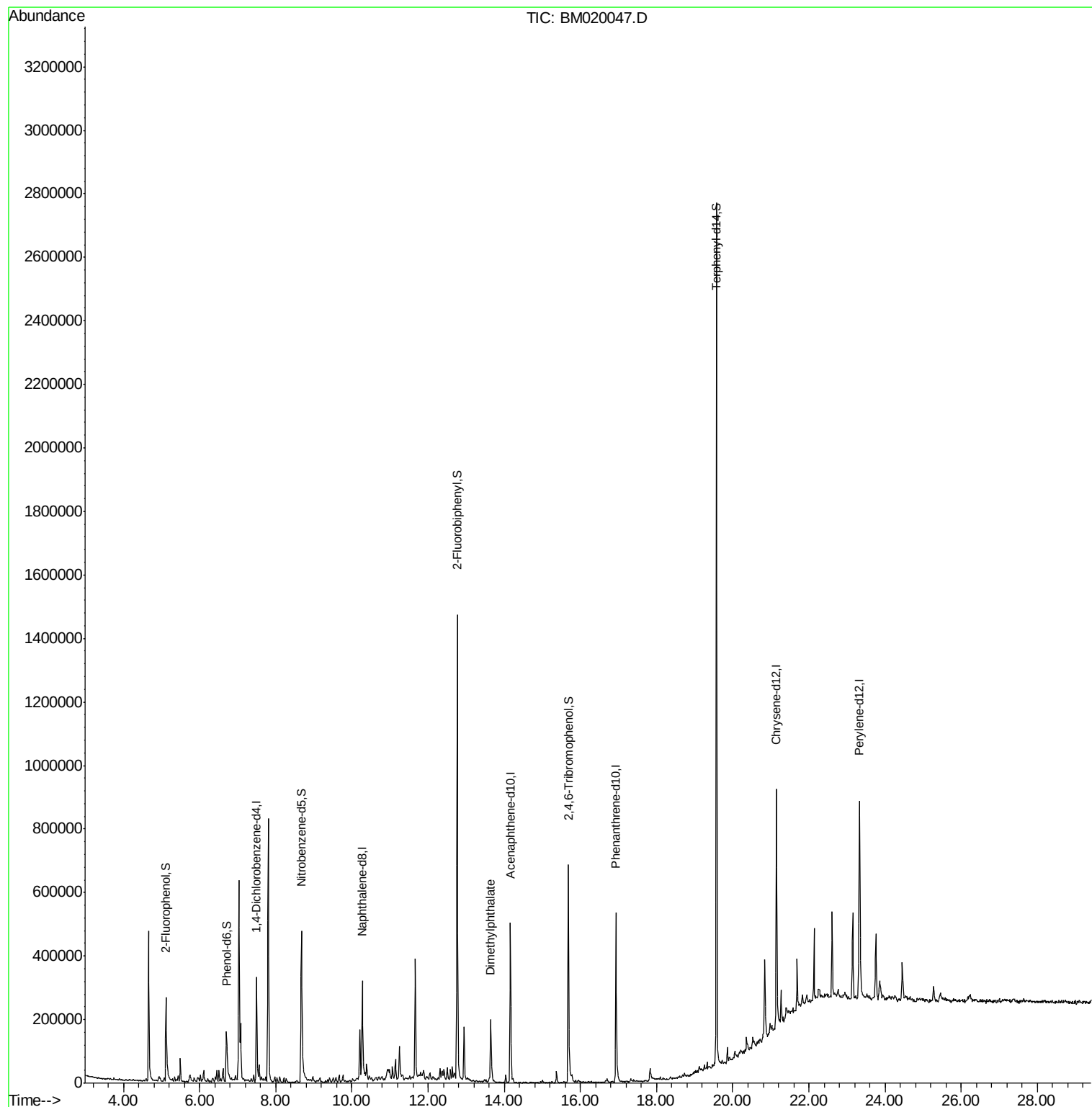
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	83933	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	294404	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	164519	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	354543	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	373102	20.00	ng	-0.01
87) Perylene-d12	23.33	264	483510	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	146439	28.28	ng	-0.01
7) Phenol-d6	6.70	99	133281	17.10	ng	-0.01
23) Nitrobenzene-d5	8.67	82	351676	53.42	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	149158	56.32	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	773857	58.62	ng	-0.02
79) Terphenyl-d14	19.57	244	1188002	56.16	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.65	163	162842	11.222	ng	Qvalue 100

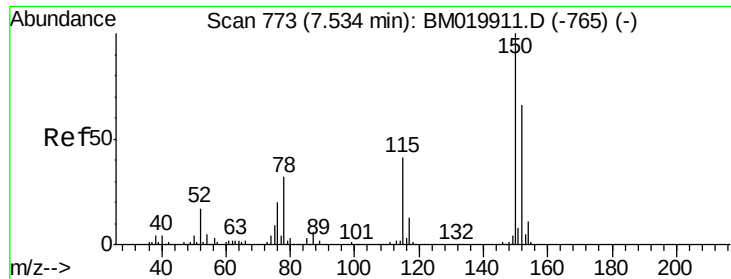
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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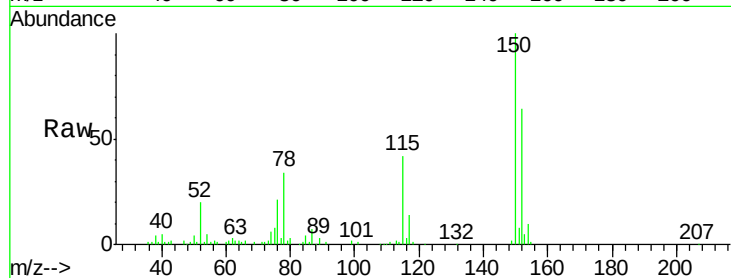


#1

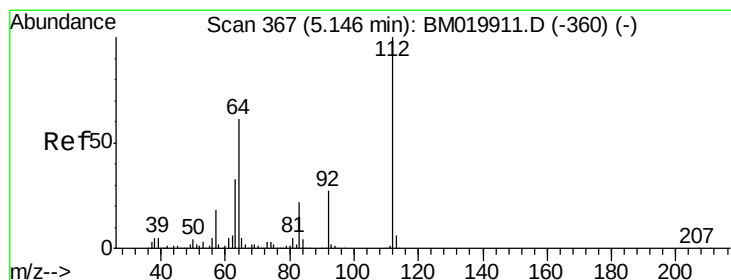
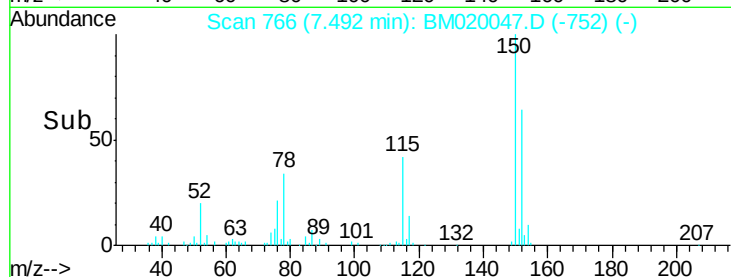
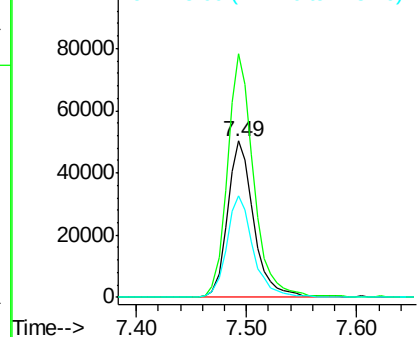
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020047.D
Acq: 23 Apr 2019 21:32

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 83933
Ion Ratio Lower Upper
152 100
150 155.6 122.1 183.1
115 65.0 50.0 75.0



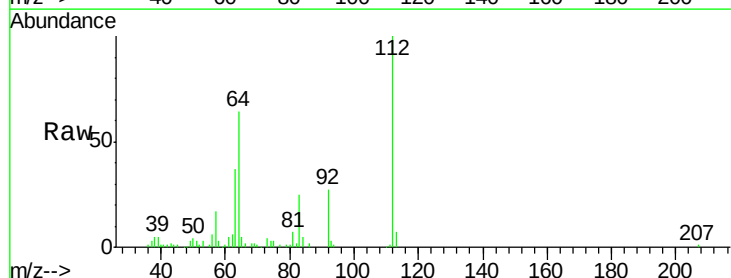
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



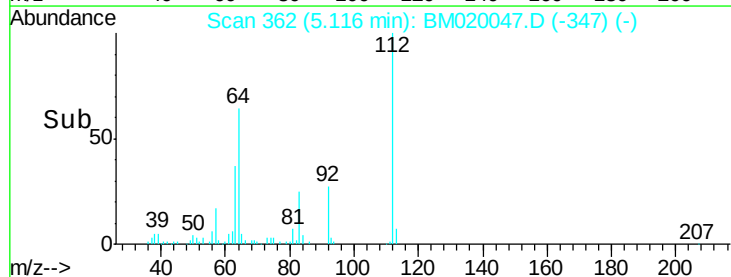
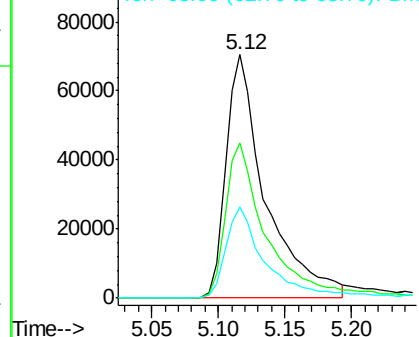
#5

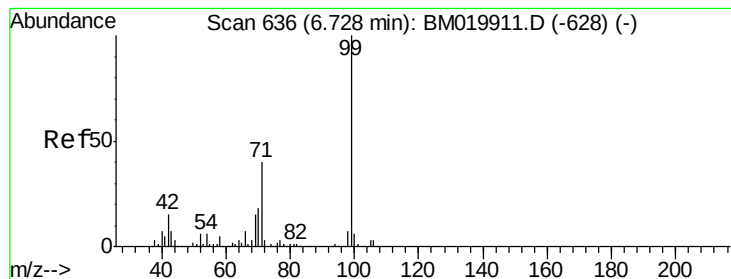
2-Fluorophenol
Concen: 28.276 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020047.D
Acq: 23 Apr 2019 21:32

Tgt Ion:112 Resp: 146439
Ion Ratio Lower Upper
112 100
64 63.8 49.1 73.7
63 37.4 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: 17.100 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020047.D

Acq: 23 Apr 2019 21:32

Instrument :

BNA_M

ClientSampleId :

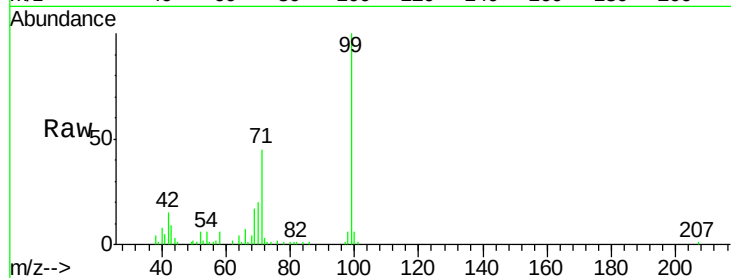
Tot Ion: 99 Resp: 133281

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.8

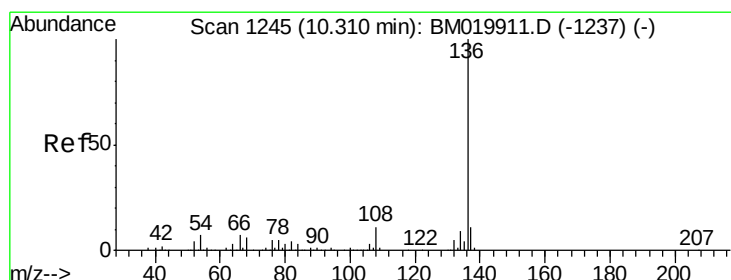
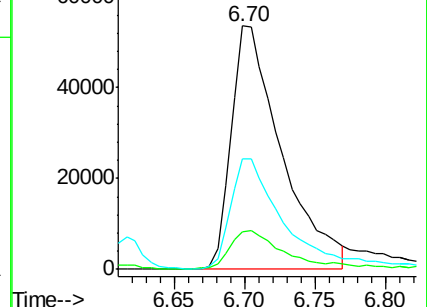
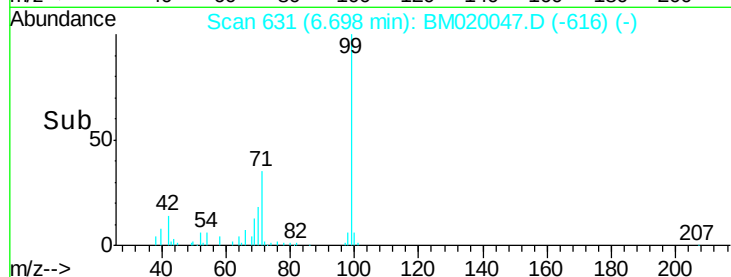
71 45.2 32.0 48.0



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: BM020047.D

Acq: 23 Apr 2019 21:32

Tgt Ion: 136 Resp: 294404

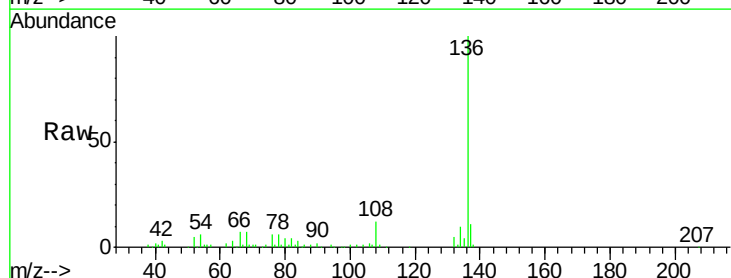
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.3 5.3 7.9

68 6.5 5.2 7.8

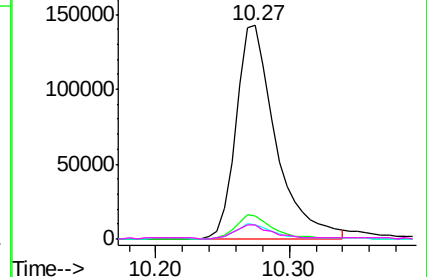
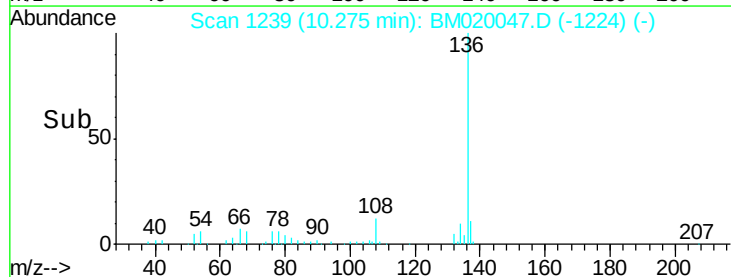


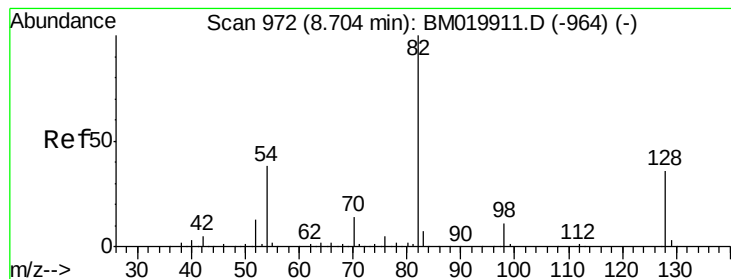
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

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: 53.421 ng

RT: 8.67 min Scan# 967

Delta R.T. -0.01 min

Lab File: BM020047.D

Acq: 23 Apr 2019 21:32

Instrument :

BNA_M

ClientSampled :

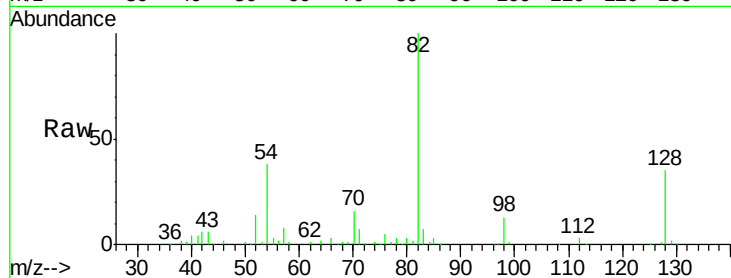
Tot Ion: 82 Resp: 351676

Ion Ratio Lower Upper

82 100

128 35.2 29.0 43.4

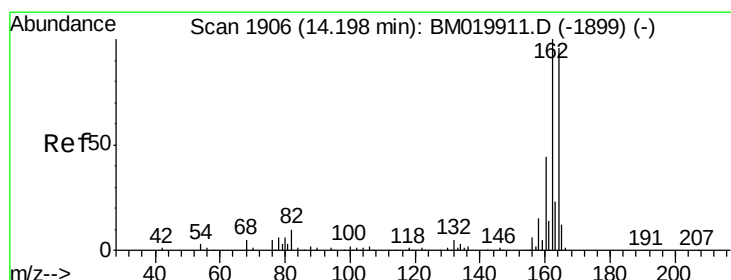
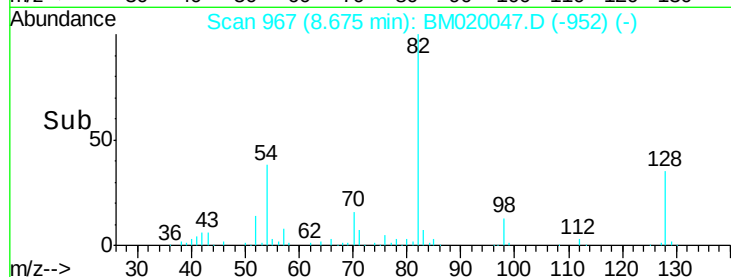
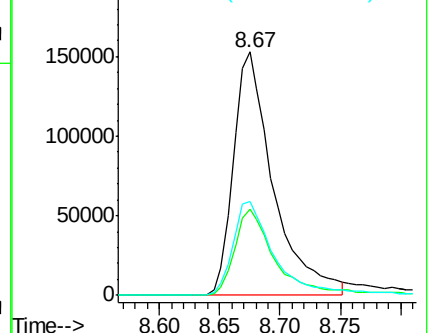
54 38.4 30.2 45.4



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: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BM020047.D

Acq: 23 Apr 2019 21:32

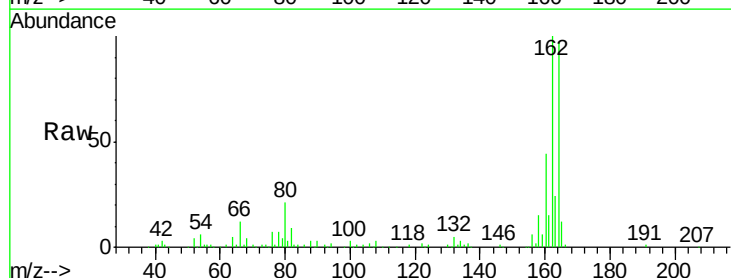
Tgt Ion: 164 Resp: 164519

Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.4

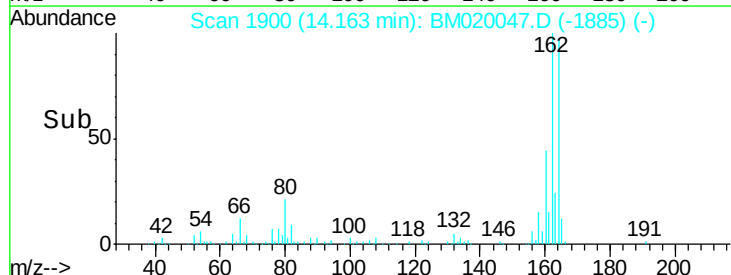
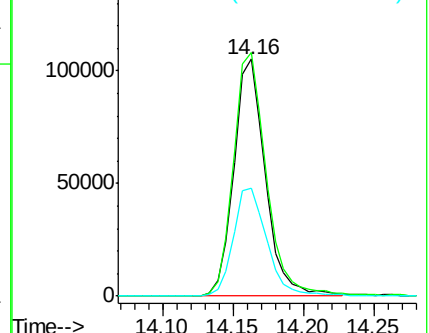
160 45.6 36.6 55.0

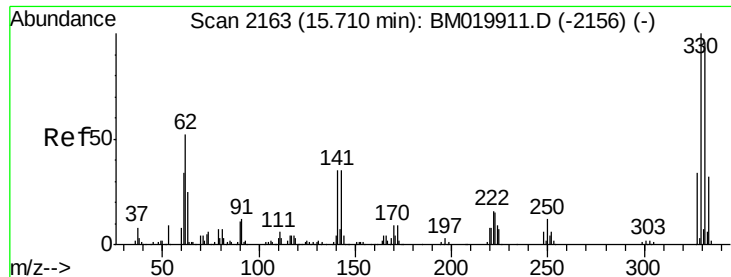


Abundance Ion 164.00 (163.70 to 164.70): BM019911.D (-1899) (-)

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

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

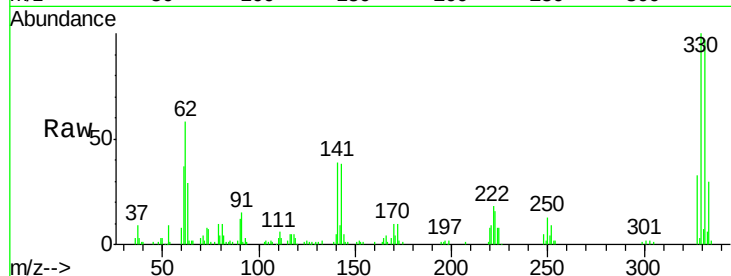




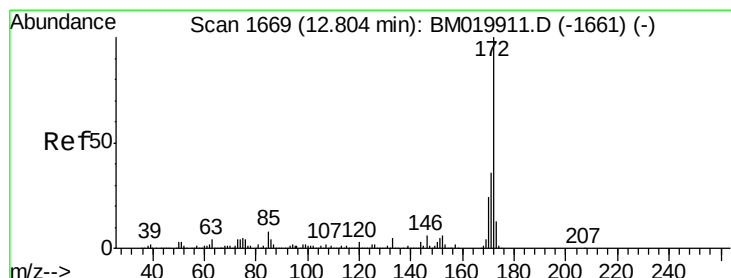
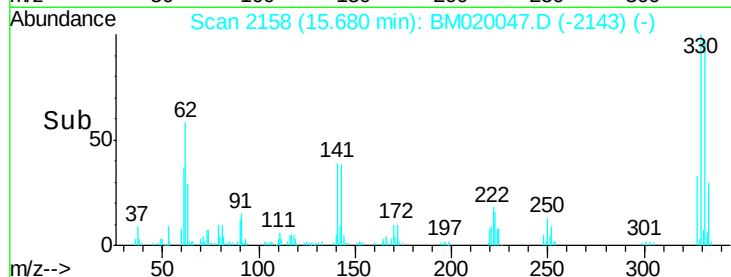
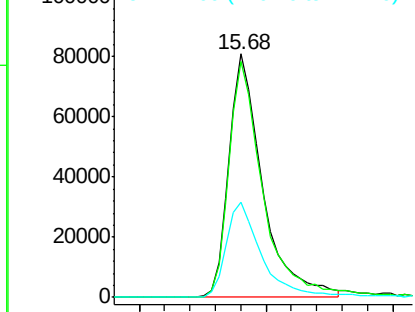
#42
 2,4,6-Tribromophenol
 Concen: 56.322 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020047.D
 Acq: 23 Apr 2019 21:32

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	40.5	29.0	43.4

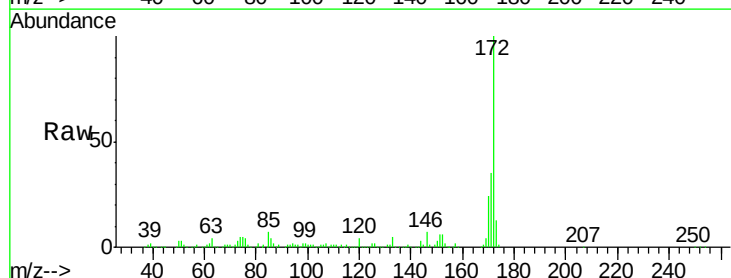


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

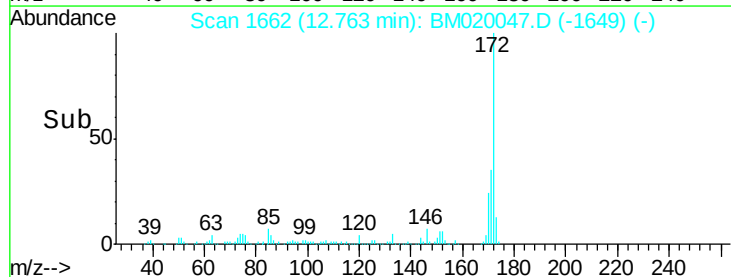
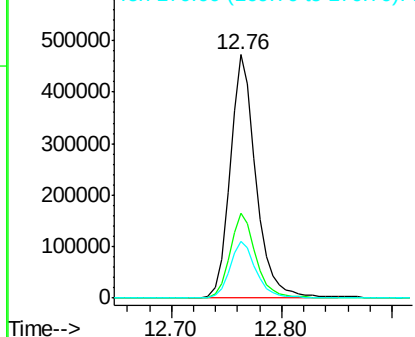


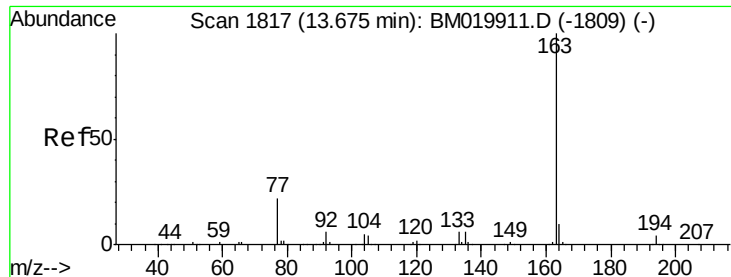
#45
 2-Fluorobiphenyl
 Concen: 58.620 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020047.D
 Acq: 23 Apr 2019 21:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	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





#50

Dimethylphthalate

Concen: 11.222 ng

RT: 13.65 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BM020047.D

Acq: 23 Apr 2019 21:32

Instrument :

BNA_M

ClientSampled :

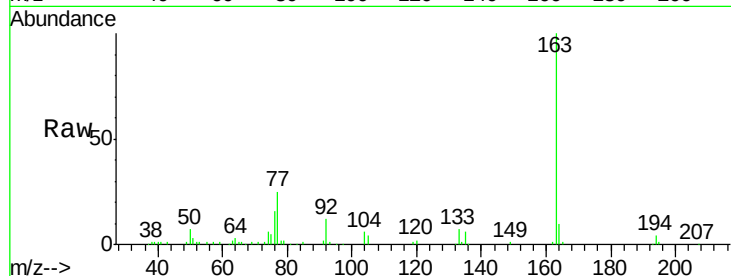
Tot Ion:163 Resp: 162842

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

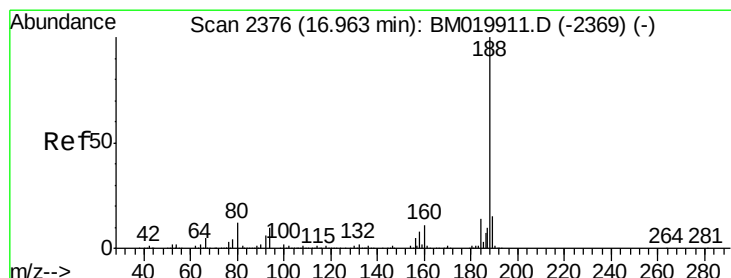
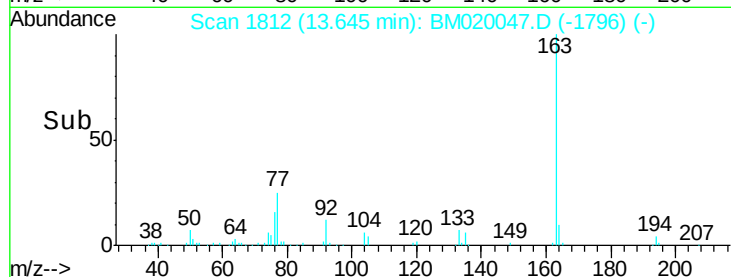
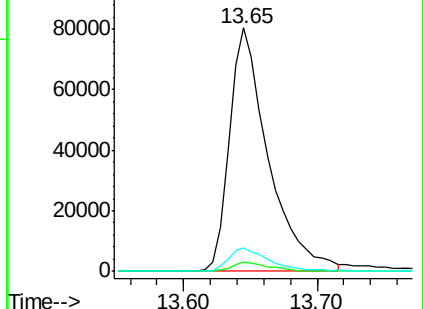
164 9.7 7.9 11.9



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: BM020047.D

Acq: 23 Apr 2019 21:32

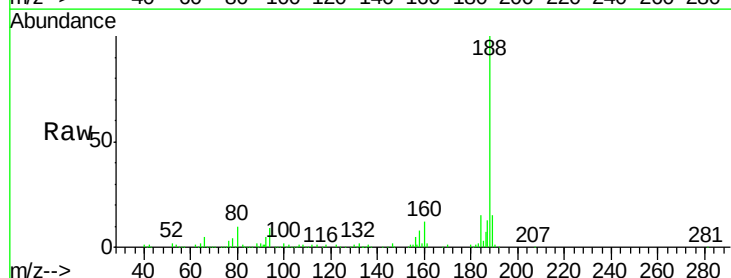
Tgt Ion:188 Resp: 354543

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

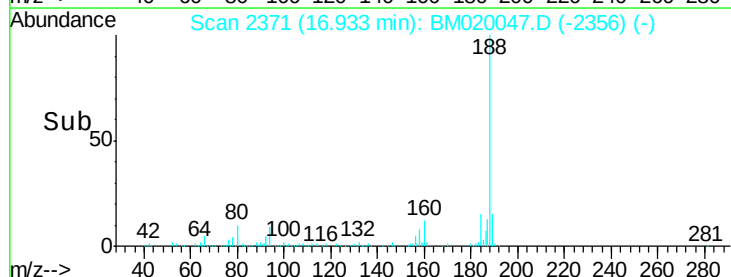
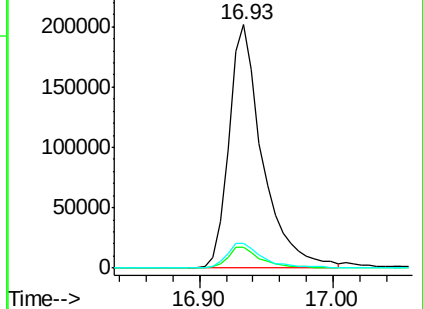
80 10.1 9.4 14.0

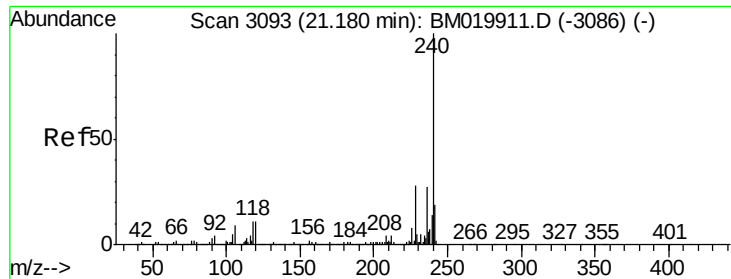


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

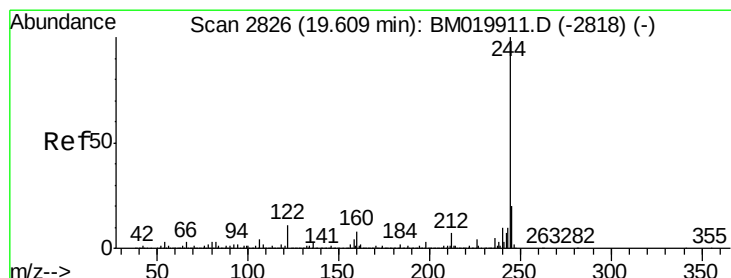
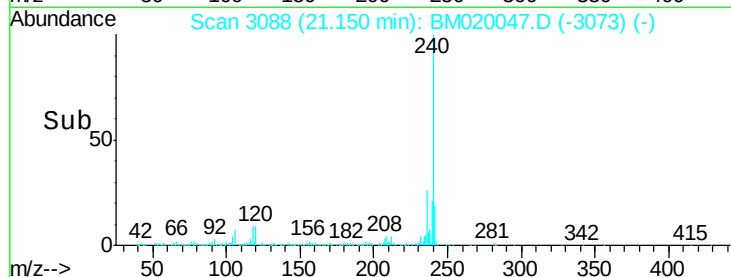
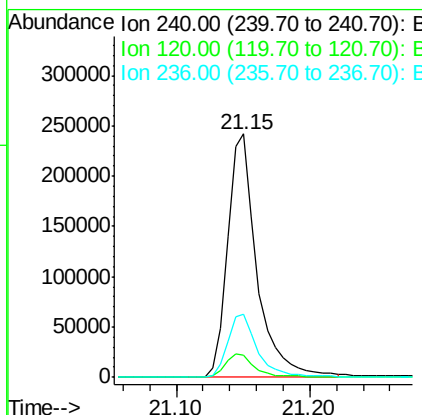
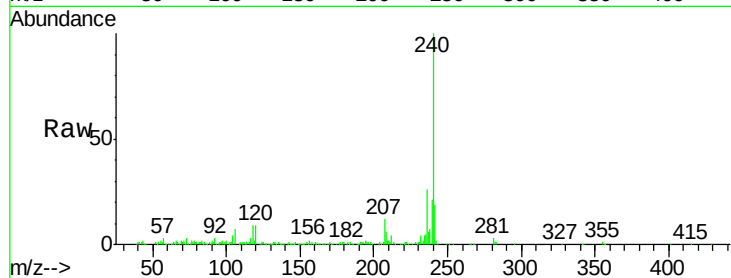




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM020047.D
 Acq: 23 Apr 2019 21:32

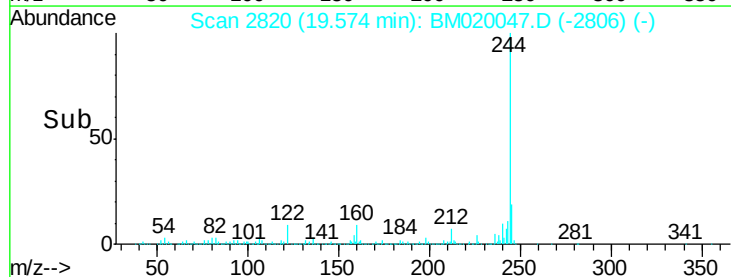
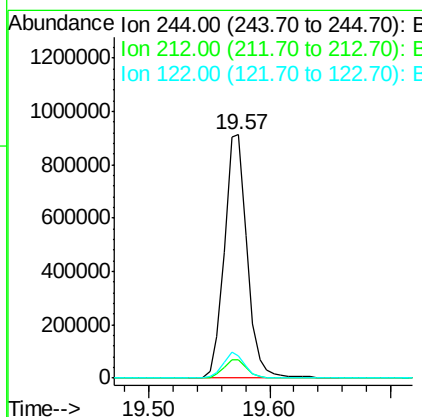
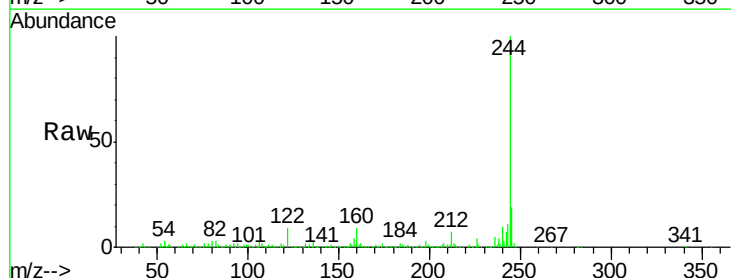
Instrument :
 BNA_M
 ClientSampleId :

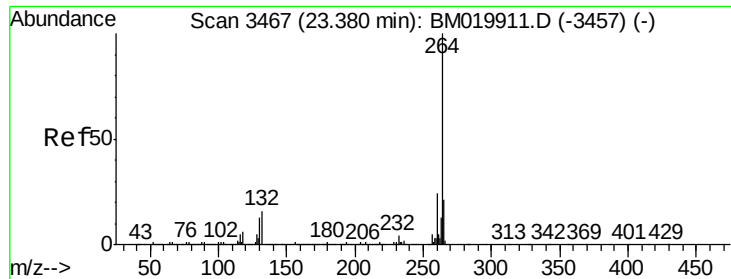
Tot Ion:240 Resp: 373102
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.6 13.0
 236 26.0 21.4 32.2



#79
 Terphenyl-d14
 Concen: 56.162 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020047.D
 Acq: 23 Apr 2019 21:32

Tgt Ion:244 Resp: 1188002
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 9.3 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: BM020047.D
Acq: 23 Apr 2019 21:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	17.2	25.8

