

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019961.D
 Acq On : 18 Apr 2019 19:43
 Operator : JU/SJ
 Sample : K2408-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Apr 19 01:10:28 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

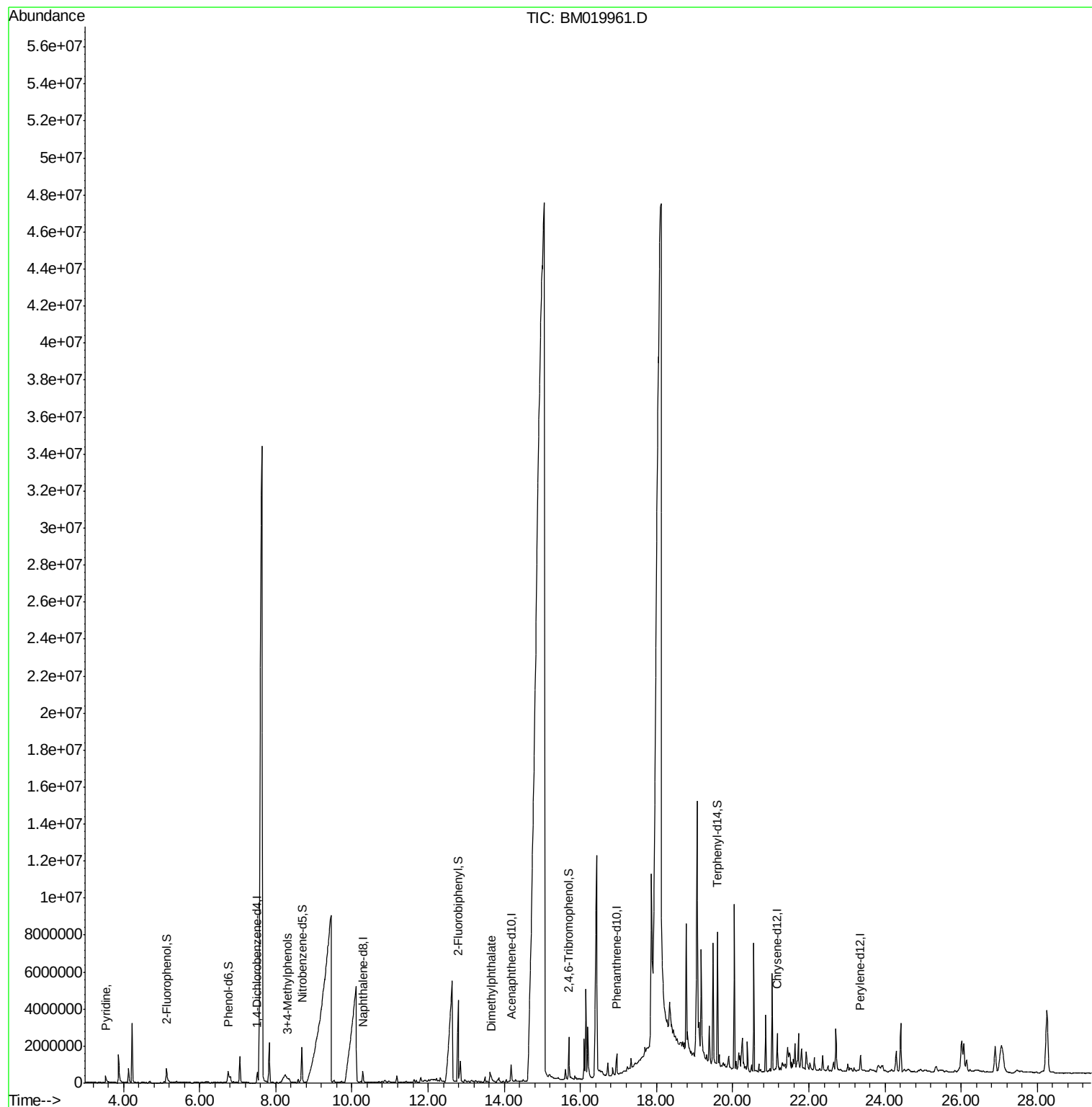
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	119513	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	468369	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	267802	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	594150	20.00	ng	0.00
76) Chrysene-d12	21.17	240	551531	20.00	ng	0.00
87) Perylene-d12	23.35	264	618110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	331525	44.96	ng	0.00
7) Phenol-d6	6.75	99	275039	24.78	ng	0.04
23) Nitrobenzene-d5	8.69	82	1001049	95.58	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	389399	90.33	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	2040274	94.95	ng	0.00
79) Terphenyl-d14	19.60	244	2915856	93.25	ng	0.00
Target Compounds						
3) Pyridine	3.54	79	162677	18.253	ng	Qvalue # 1
20) 3+4-Methylphenols	8.32	107	22242	2.018	ng	# 83
50) Dimethylphthalate	13.66	163	121209	5.131	ng	98

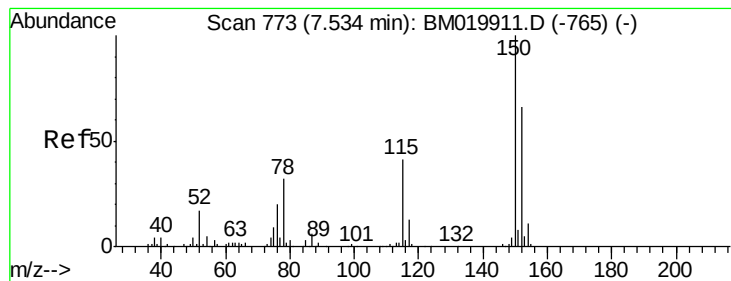
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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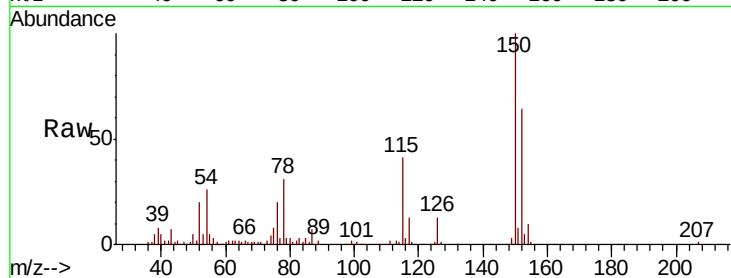


#1

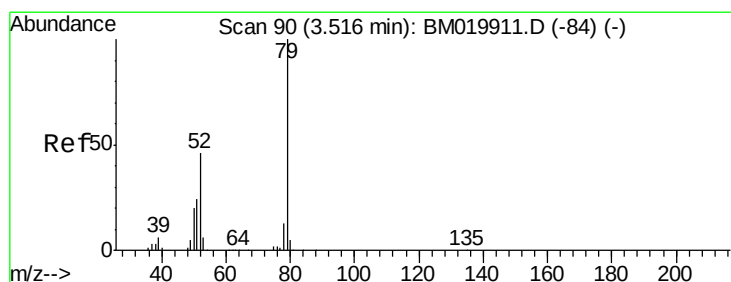
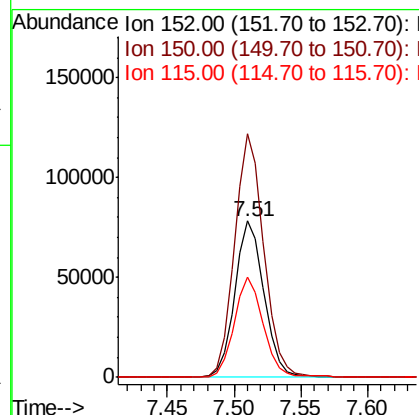
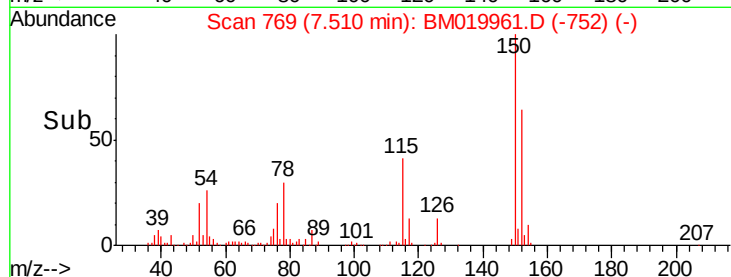
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tot Ion:152 Resp: 119513
Ion Ratio Lower Upper
152 100
150 155.6 122.1 183.1
115 64.4 50.0 75.0



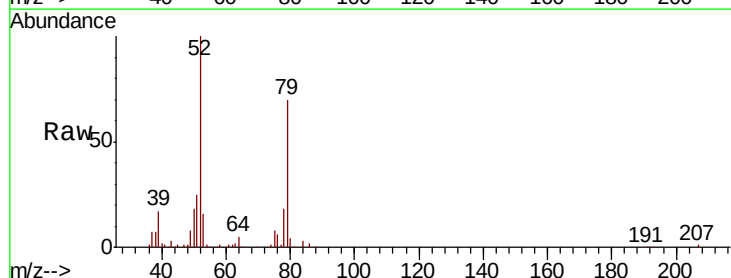
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



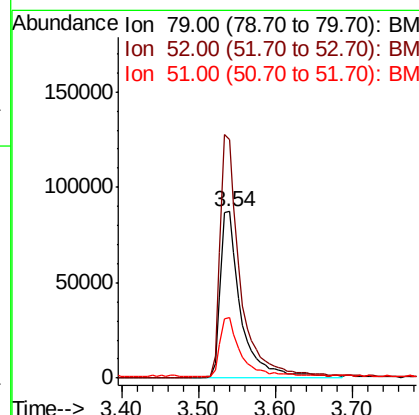
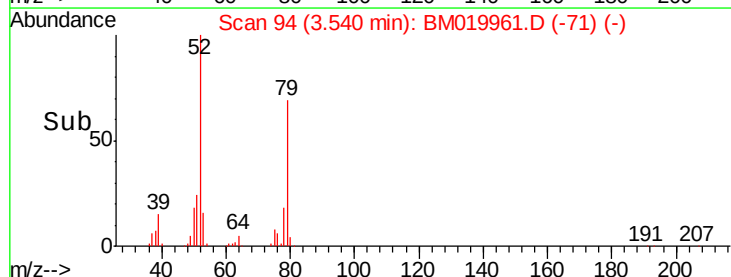
#3

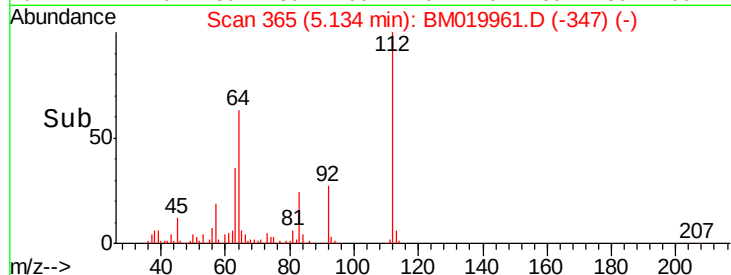
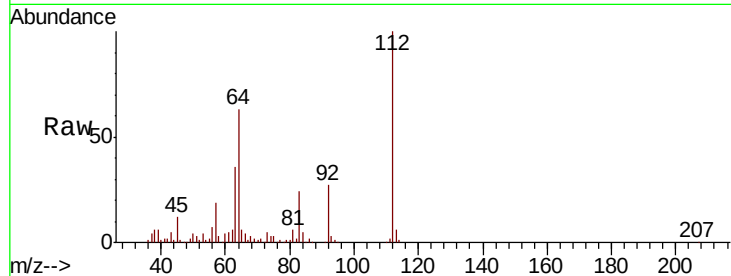
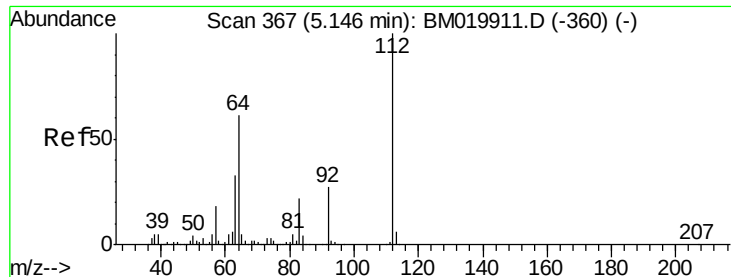
Pyridine
Concen: 18.253 ng
RT: 3.54 min Scan# 94
Delta R.T. 0.04 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Tgt Ion: 79 Resp: 162677
Ion Ratio Lower Upper
79 100
52 143.4 36.9 55.3#
51 36.3 20.0 30.0#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0

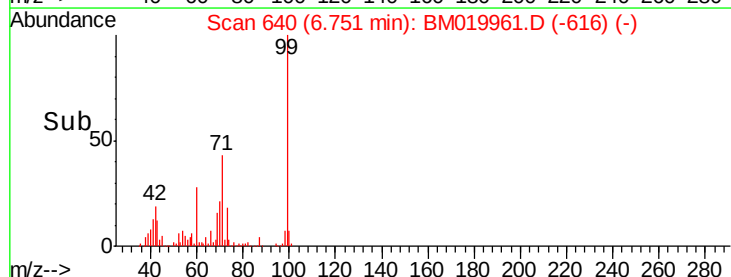
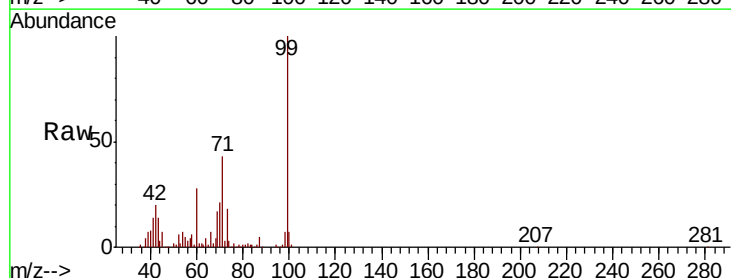
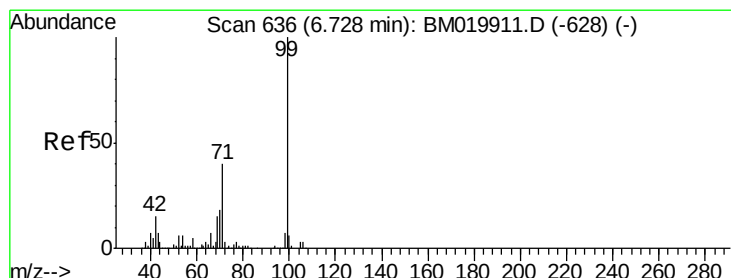
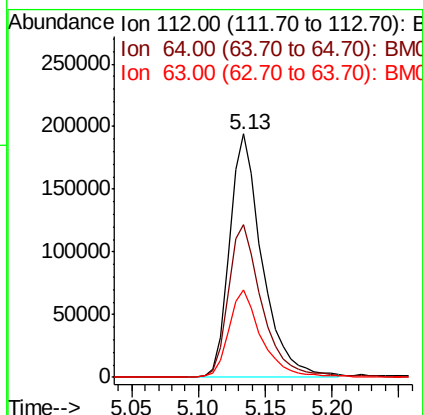




#5
2-Fluorophenol
Concen: 44.956 ng
RT: 5.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

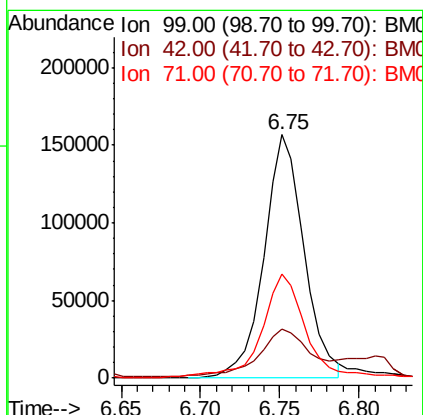
Instrument :
BNA_M
ClientSampleId :
EFF-WW

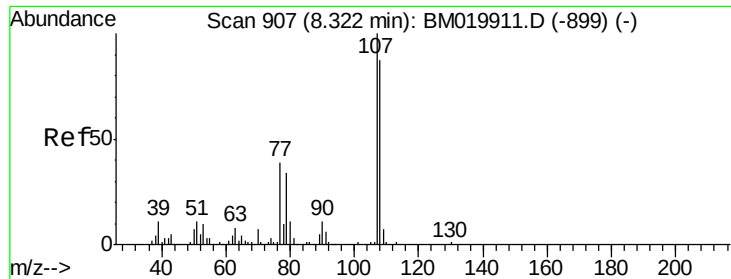
Tot Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.1	73.7
63	35.9	26.5	39.7



#7
Phenol-d6
Concen: 24.782 ng
RT: 6.75 min Scan# 640
Delta R.T. 0.04 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.9	11.8	17.8#
71	42.9	32.0	48.0

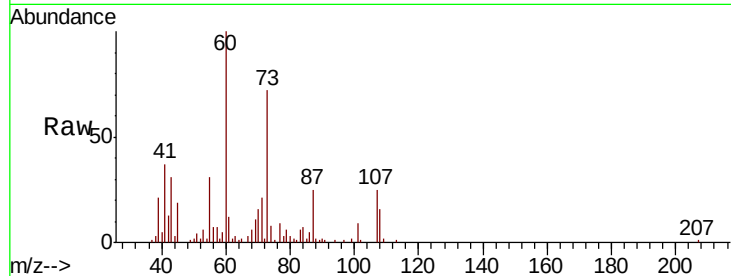




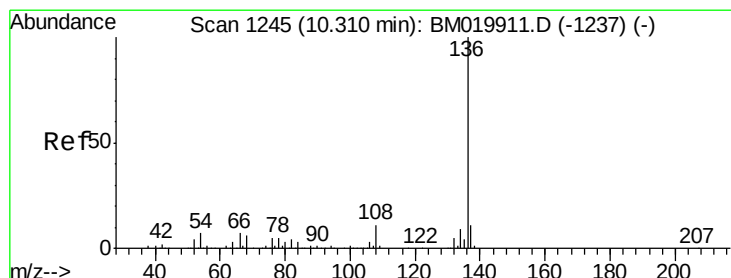
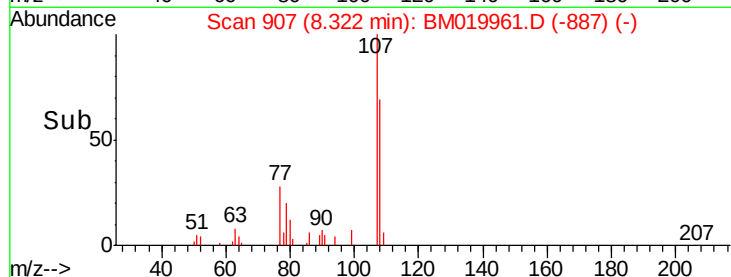
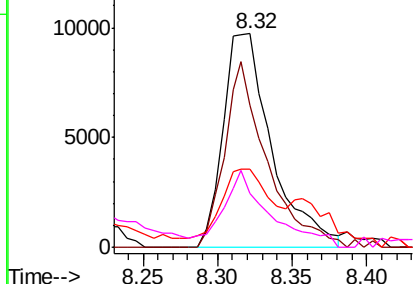
#20
3+4-Methylphenols
Concen: 2.018 ng
RT: 8.32 min Scan# 907
Delta R.T. 0.02 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tot Ion:107	Resp:	22242
Ion Ratio	Lower	Upper
107	100	
108	66.8	67.4 107.4#
77	36.3	19.7 59.7
79	25.5	14.1 54.1

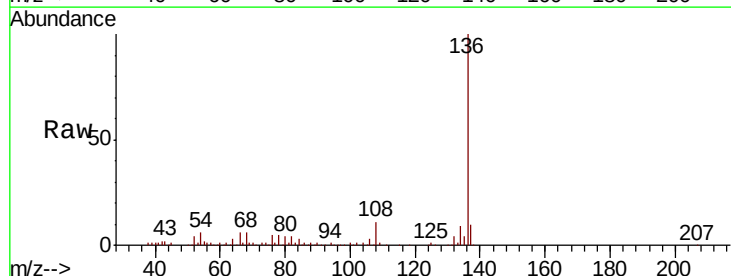


Abundance Ion 107.00 (106.70 to 107.70): E
15000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

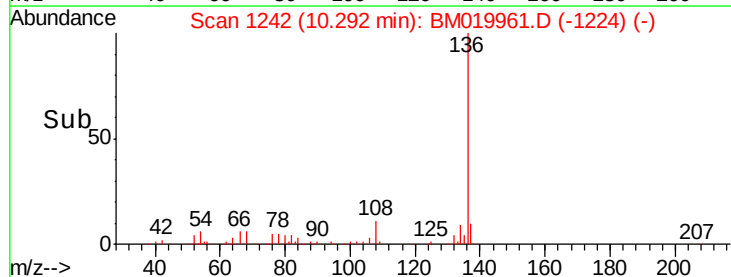
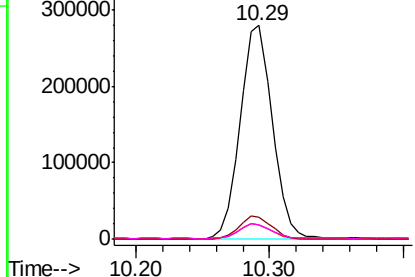


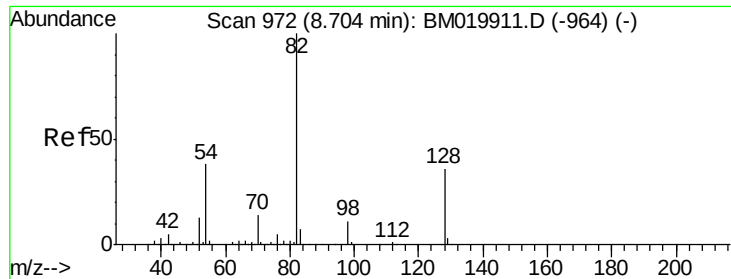
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Tgt Ion:136	Resp:	468369
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.6
54	6.4	5.3 7.9
68	6.3	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

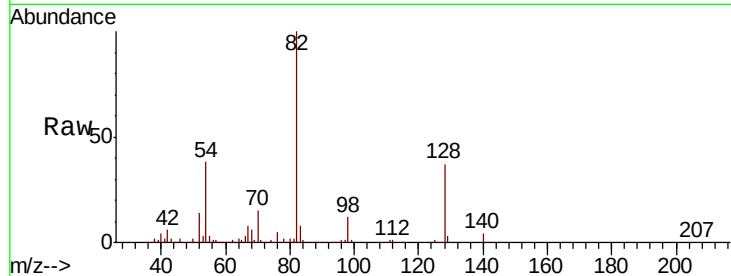




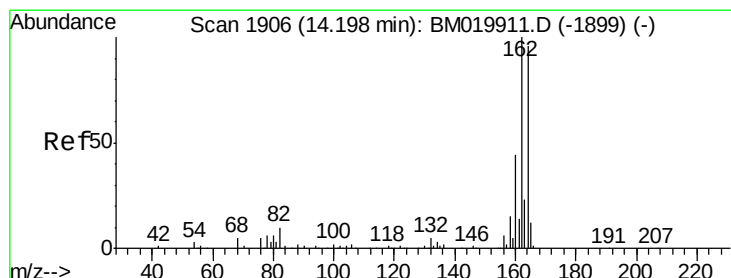
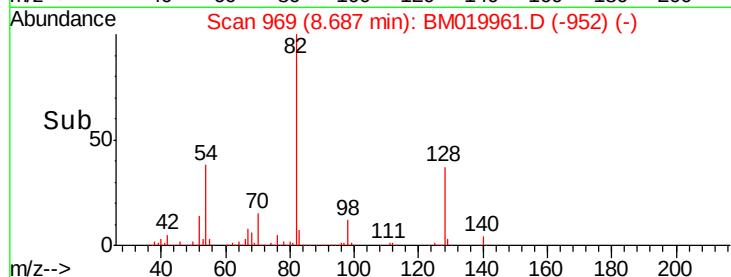
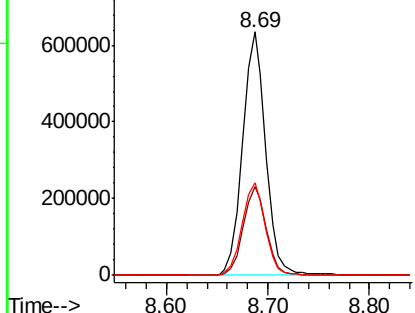
#23
 Nitrobenzene-d5
 Concen: 95.583 ng
 RT: 8.69 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM019961.D
 Acq: 18 Apr 2019 19:43

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Tot Ion: 82 Resp: 1001049
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.0 43.4
 54 37.8 30.2 45.4

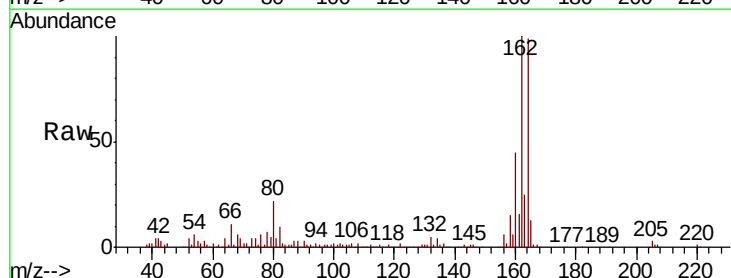


Abundance Ion 82.00 (81.70 to 82.70): BM019961.D (-952) (-)
 Ion 128.00 (127.70 to 128.70): BM019961.D (-952) (-)
 Ion 54.00 (53.70 to 54.70): BM019961.D (-952) (-)

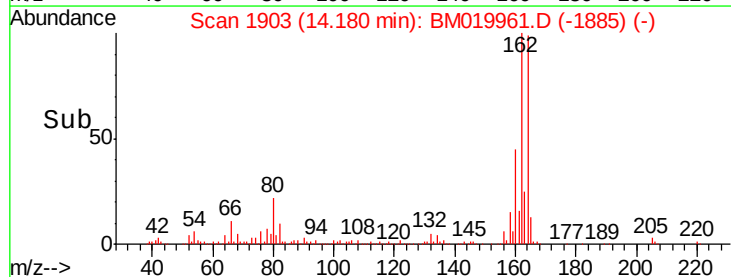
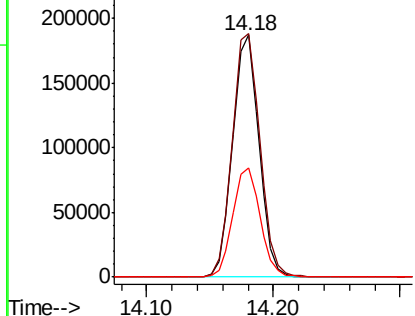


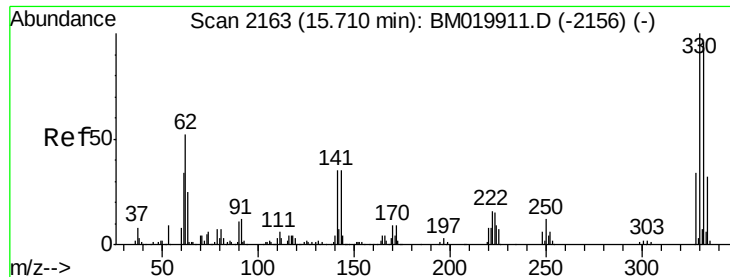
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM019961.D
 Acq: 18 Apr 2019 19:43

Tgt Ion:164 Resp: 267802
 Ion Ratio Lower Upper
 164 100
 162 100.6 83.0 124.4
 160 45.1 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM019961.D (-1885) (-)
 Ion 162.00 (161.70 to 162.70): BM019961.D (-1885) (-)
 Ion 160.00 (159.70 to 160.70): BM019961.D (-1885) (-)





#42

2,4,6-Tribromophenol

Concen: 90.330 ng

RT: 15.70 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BM019961.D

Acq: 18 Apr 2019 19:43

Instrument :

BNA_M

ClientSampleId :

EFF-WW

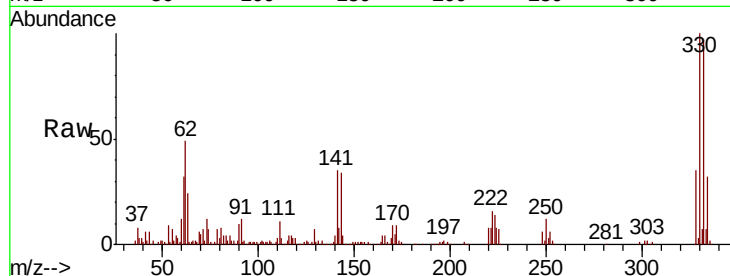
Tot Ion:330 Resp: 389399

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

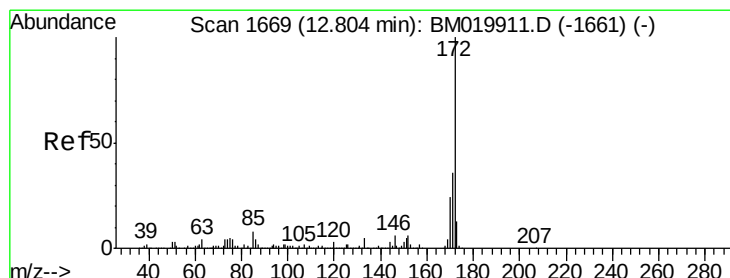
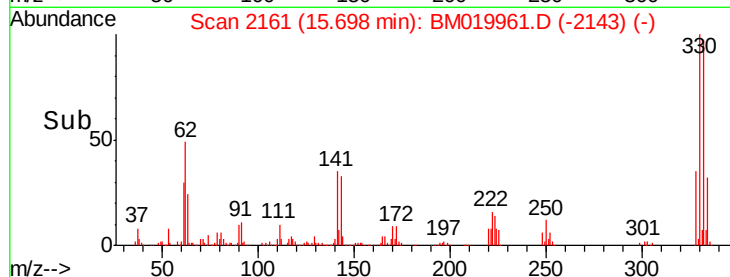
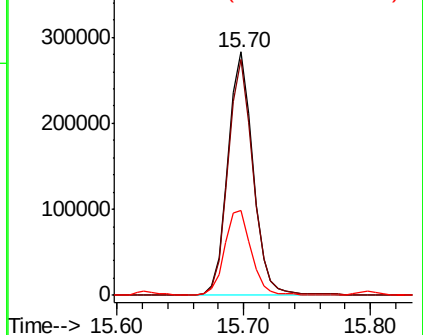
141 37.0 29.0 43.4



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: 94.945 ng

RT: 12.79 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BM019961.D

Acq: 18 Apr 2019 19:43

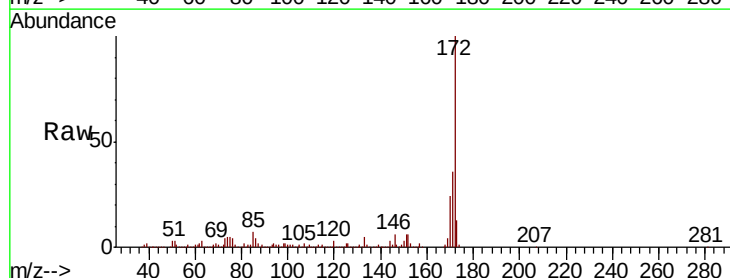
Tgt Ion:172 Resp: 2040274

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

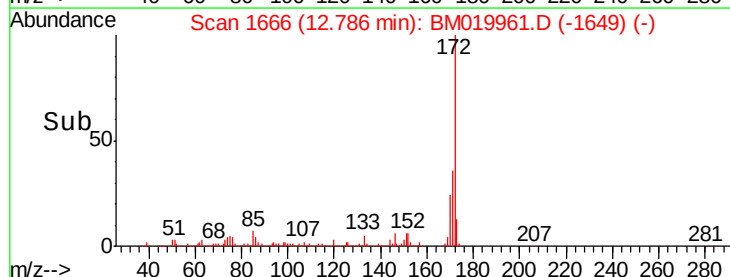
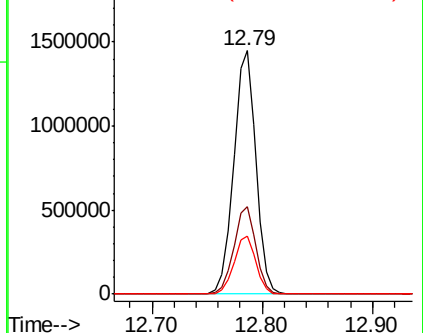
170 24.0 19.0 28.4

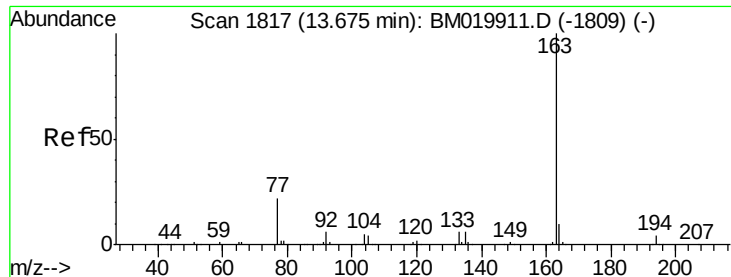


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.131 ng

RT: 13.66 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BM019961.D

Acq: 18 Apr 2019 19:43

Instrument :

BNA_M

ClientSampleId :

EFF-WW

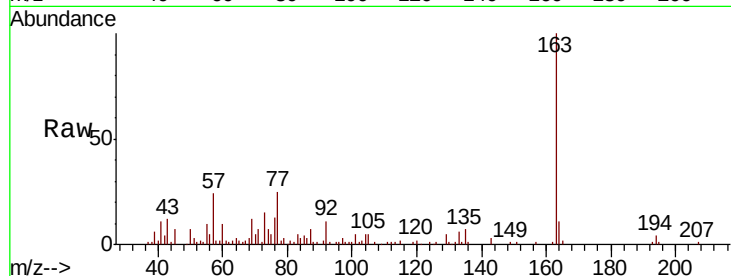
Tot Ion:163 Resp: 121209

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

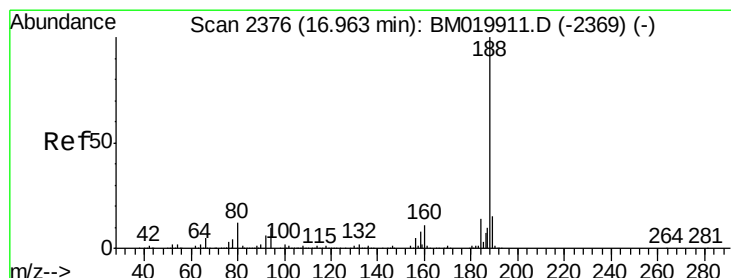
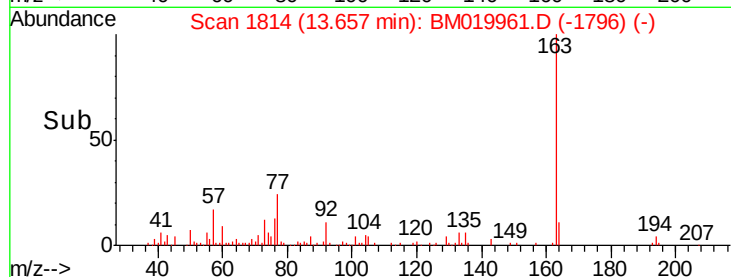
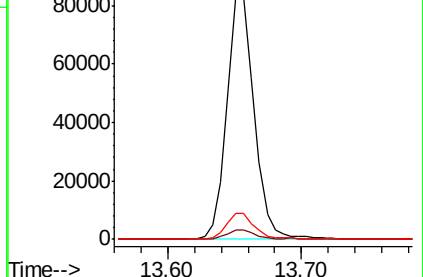
164 10.7 7.9 11.9



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: 16.95 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BM019961.D

Acq: 18 Apr 2019 19:43

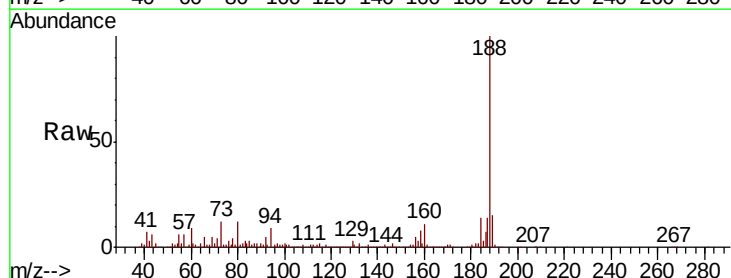
Tgt Ion:188 Resp: 594150

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

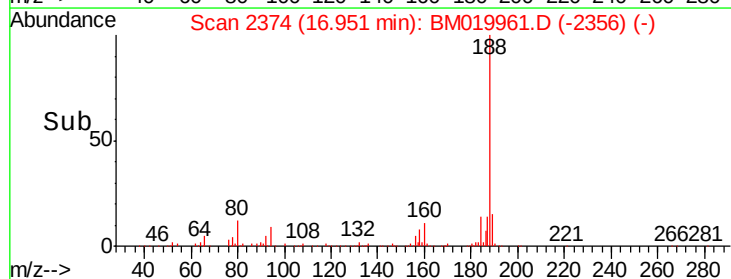
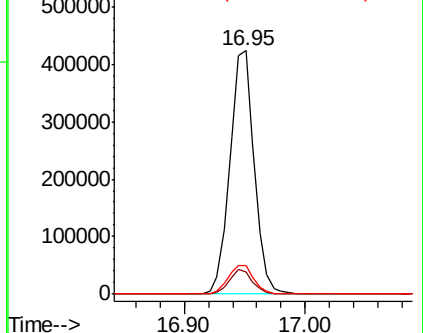
80 11.8 9.4 14.0

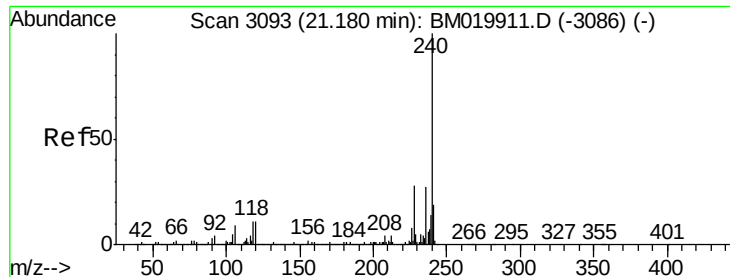


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

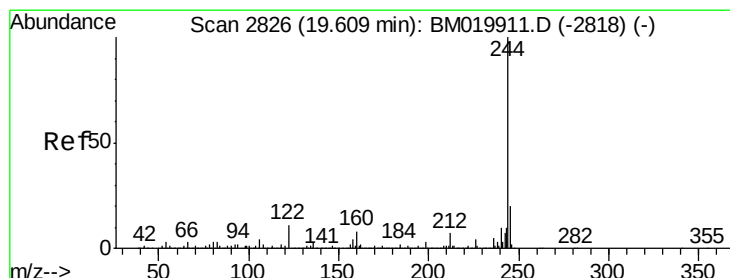
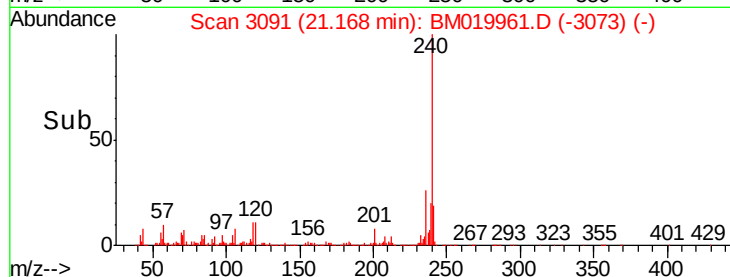
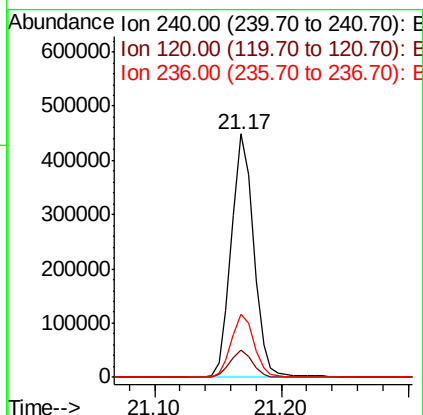
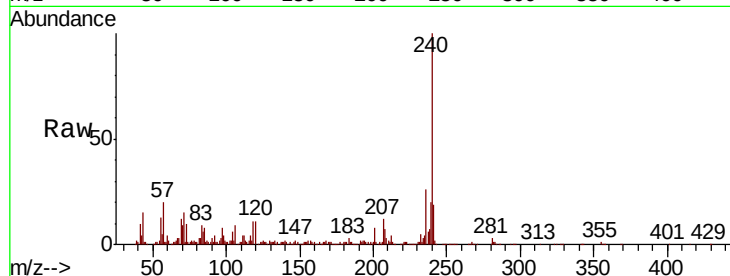




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. 0.01 min
 Lab File: BM019961.D
 Acq: 18 Apr 2019 19:43

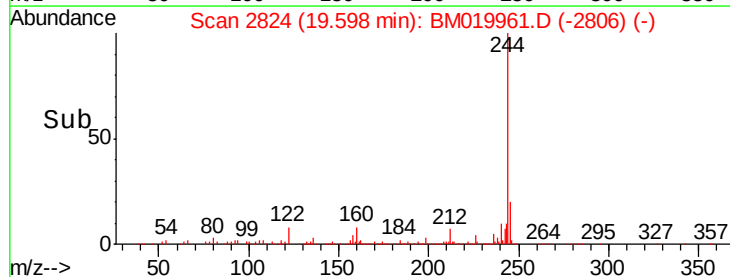
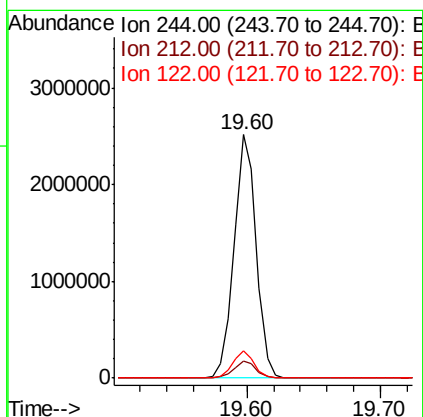
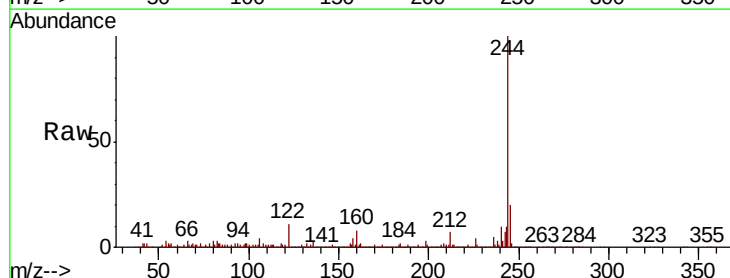
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

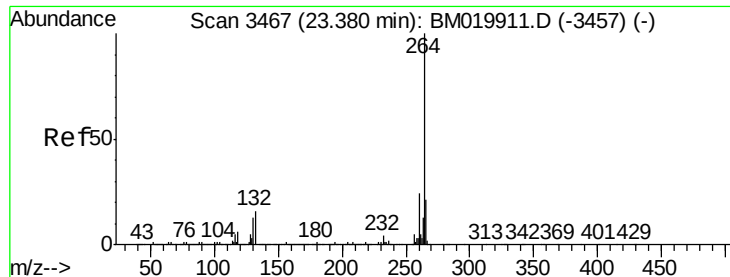
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.6	13.0
236	25.7	21.4	32.2



#79
 Terphenyl-d14
 Concen: 93.251 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. 0.01 min
 Lab File: BM019961.D
 Acq: 18 Apr 2019 19:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.1	9.1	13.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. 0.00 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.6	17.2	25.8

