

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019970.D
 Acq On : 19 Apr 2019 01:11
 Operator : JU/SJ
 Sample : K2408-01DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWDL

Quant Time: Apr 19 01:52:00 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

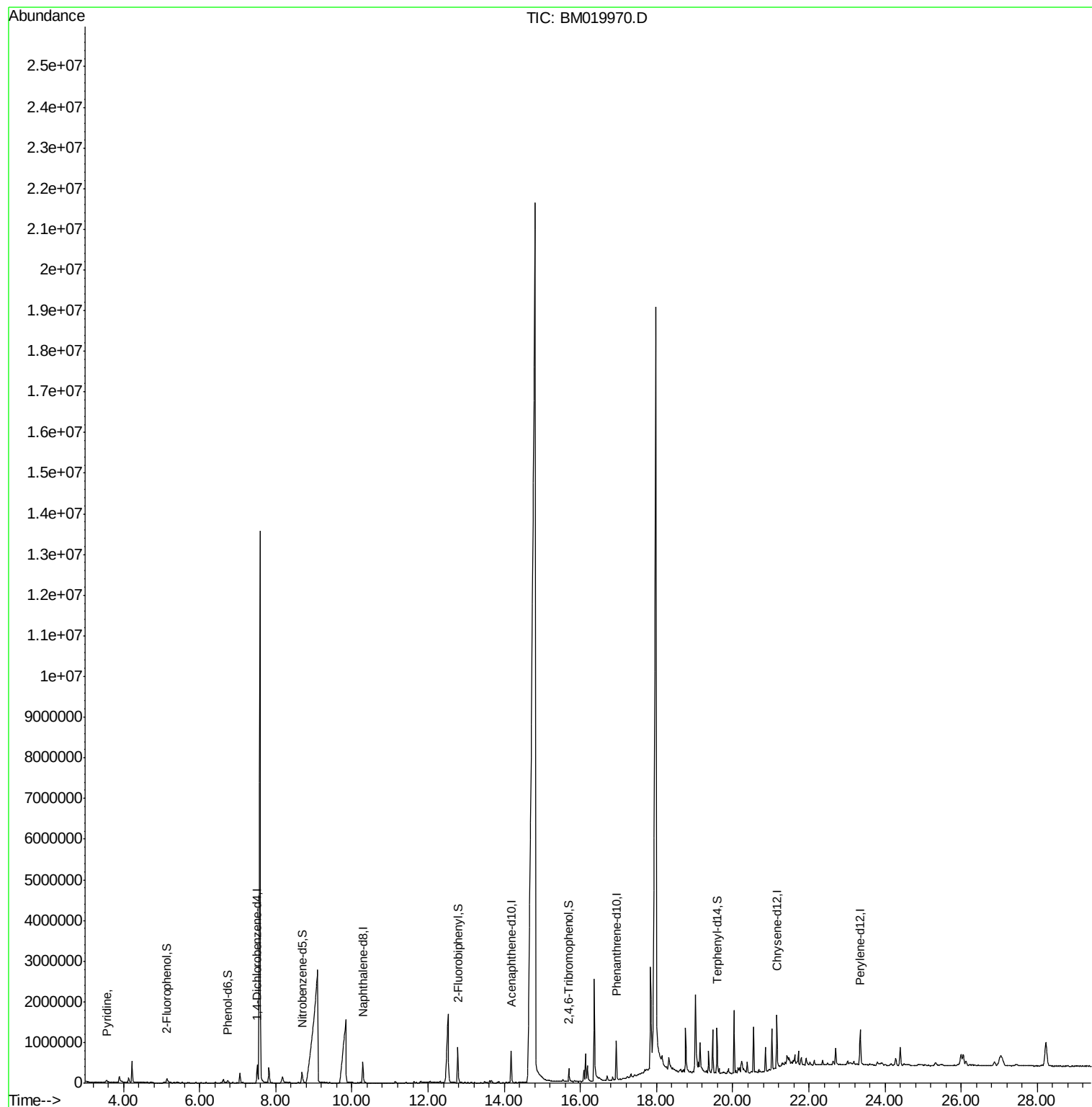
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	107148	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	434280	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	245240	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	529298	20.00	ng	0.00
76) Chrysene-d12	21.16	240	509548	20.00	ng	0.00
87) Perylene-d12	23.34	264	604285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	55336	8.37	ng	0.01
7) Phenol-d6	6.73	99	44977	4.52	ng	0.02
23) Nitrobenzene-d5	8.69	82	167997	17.30	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	61600	15.60	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	360995	18.34	ng	0.00
79) Terphenyl-d14	19.59	244	486514	16.84	ng	0.00
Target Compounds						
3) Pyridine	3.55	79	30251	3.786	ng	Qvalue # 1

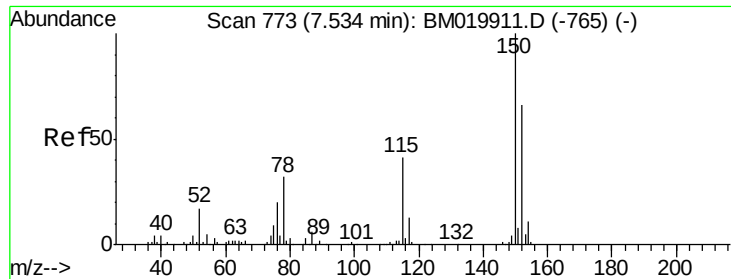
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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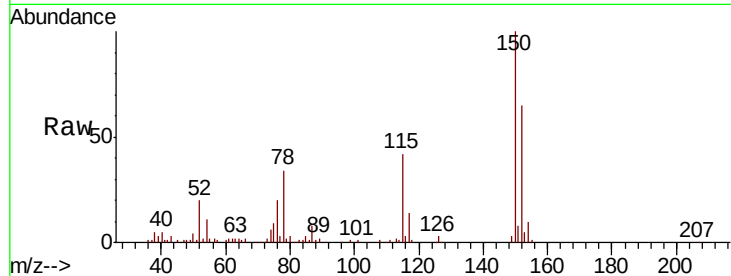


#1

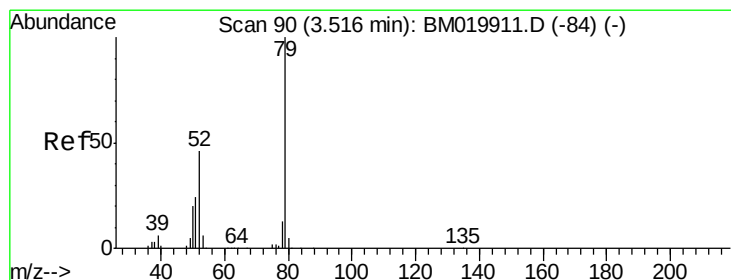
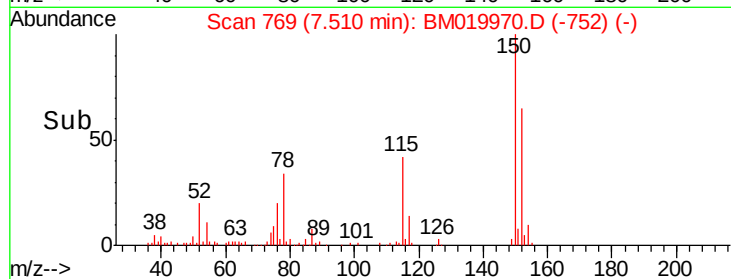
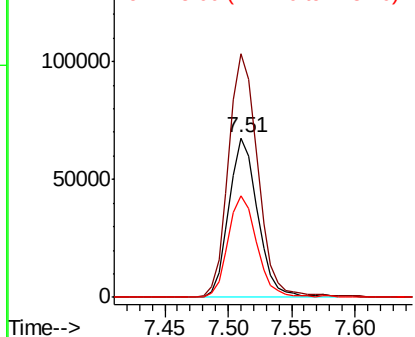
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.51 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BM019970.D
 Acq: 19 Apr 2019 01:11

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWDL

Tot Ion:152 Resp: 107148
 Ion Ratio Lower Upper
 152 100
 150 153.0 122.1 183.1
 115 63.9 50.0 75.0



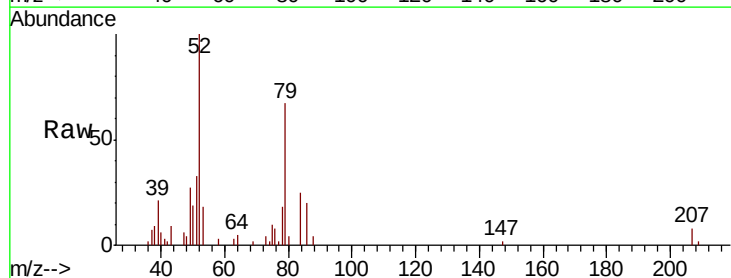
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



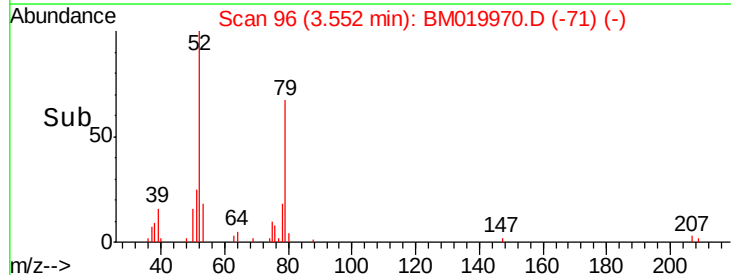
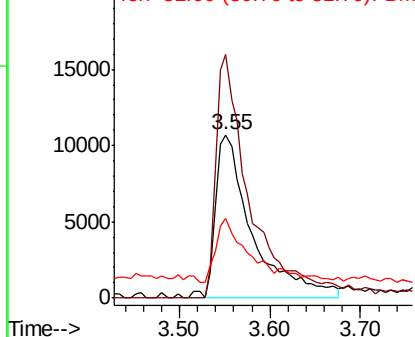
#3

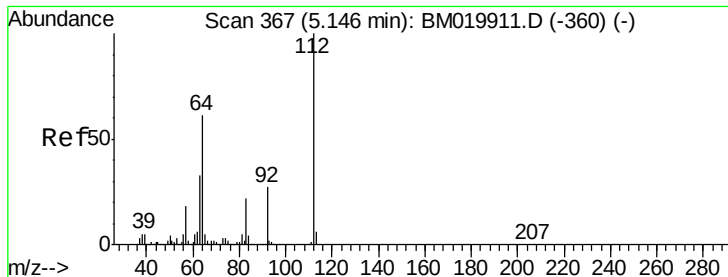
Pyridine
 Concen: 3.786 ng
 RT: 3.55 min Scan# 96
 Delta R.T. 0.05 min
 Lab File: BM019970.D
 Acq: 19 Apr 2019 01:11

Tgt Ion: 79 Resp: 30251
 Ion Ratio Lower Upper
 79 100
 52 148.9 36.9 55.3#
 51 49.1 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: 8.370 ng

RT: 5.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: BM019970.D

Acq: 19 Apr 2019 01:11

Instrument :

BNA_M

ClientSampleId :

EFF-WWDL

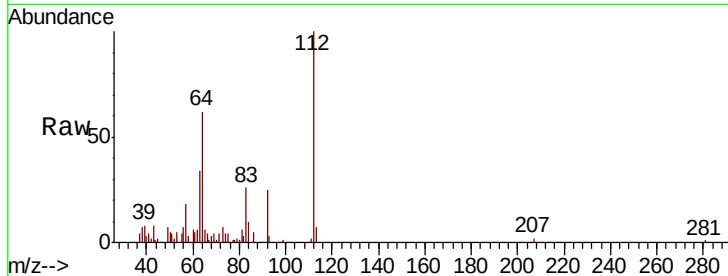
Tot Ion:112 Resp: 55336

Ion Ratio Lower Upper

112 100

64 61.5 49.1 73.7

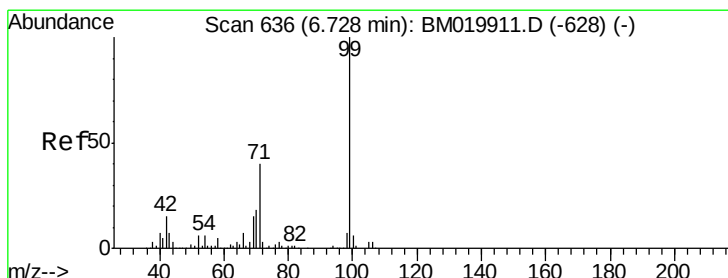
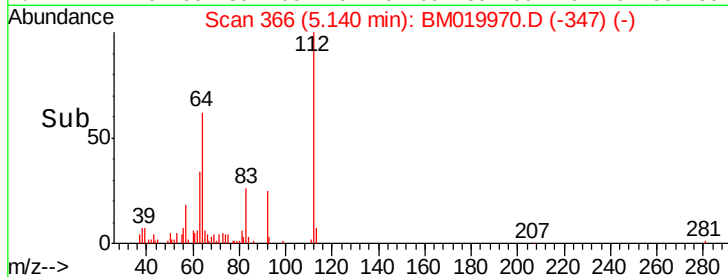
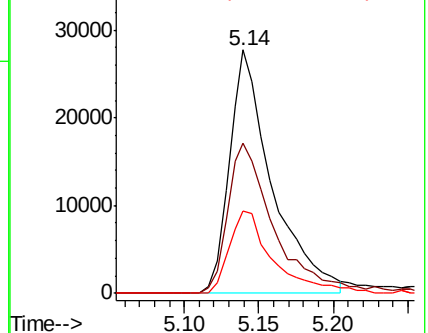
63 33.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 4.520 ng

RT: 6.73 min Scan# 637

Delta R.T. 0.02 min

Lab File: BM019970.D

Acq: 19 Apr 2019 01:11

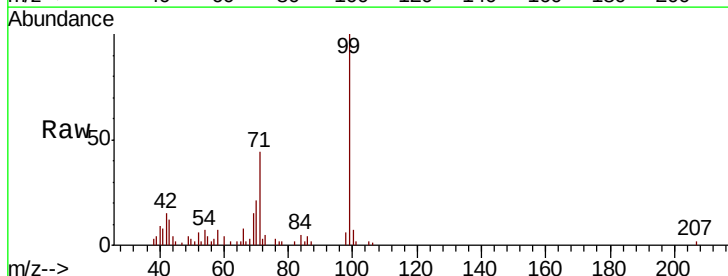
Tgt Ion: 99 Resp: 44977

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.8

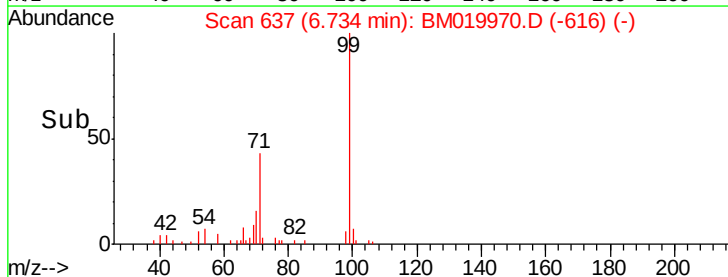
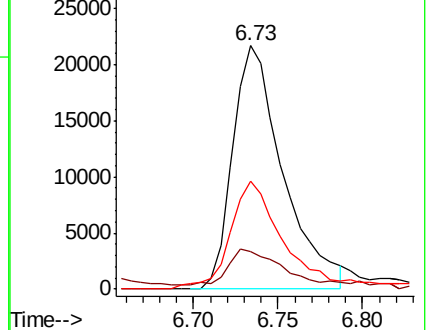
71 44.4 32.0 48.0

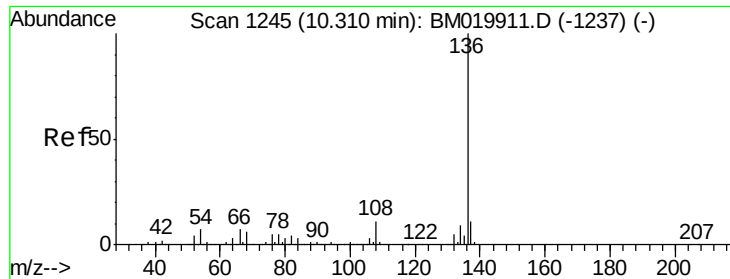


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM

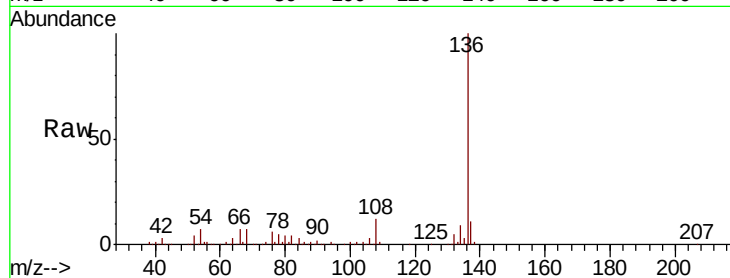




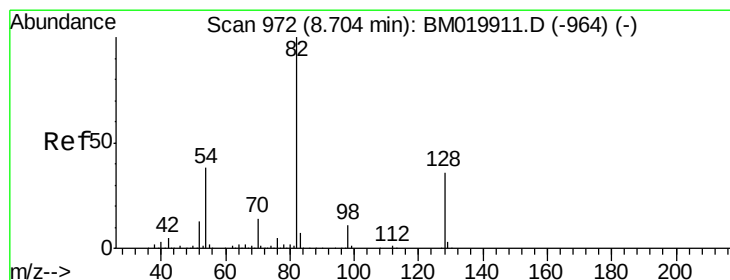
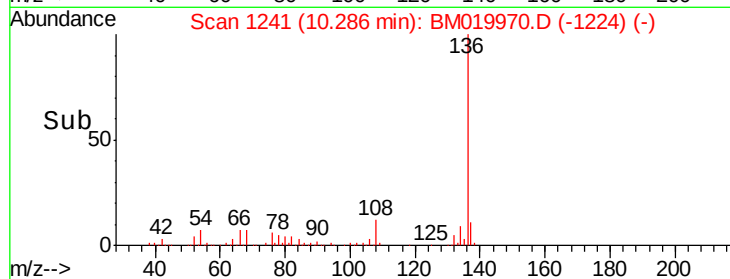
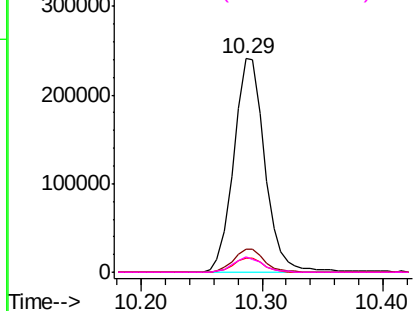
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM019970.D
Acq: 19 Apr 2019 01:11

Instrument :
BNA_M
ClientSampleId :
EFF-WWDL

Tot Ion:136	Resp:	434280	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.0	13.6	
54 6.6	5.3	7.9	
68 7.2	5.2	7.8	

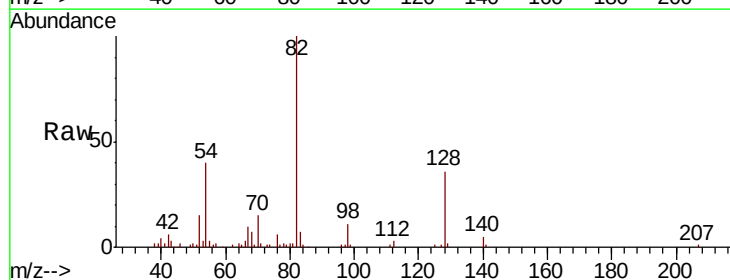


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

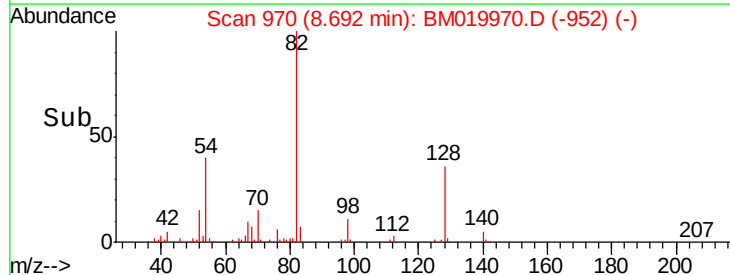
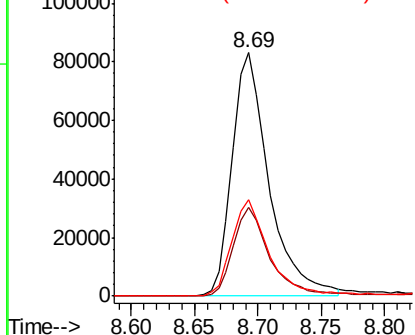


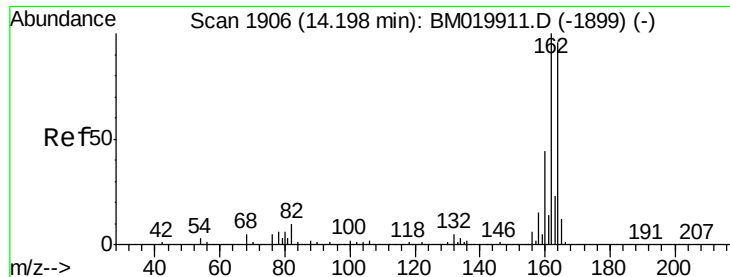
#23
Nitrobenzene-d5
Concen: 17.300 ng
RT: 8.69 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM019970.D
Acq: 19 Apr 2019 01:11

Tgt Ion: 82	Resp: 167997
Ion Ratio	Lower Upper
82 100	
128 36.4	29.0 43.4
54 39.5	30.2 45.4



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BM019970.D

Acq: 19 Apr 2019 01:11

Instrument :

BNA_M

ClientSampleId :

EFF-WWDL

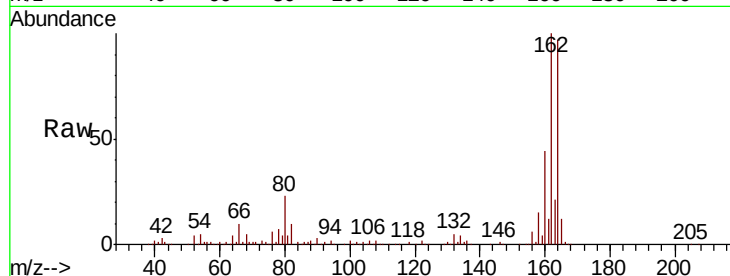
Tot Ion:164 Resp: 245240

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

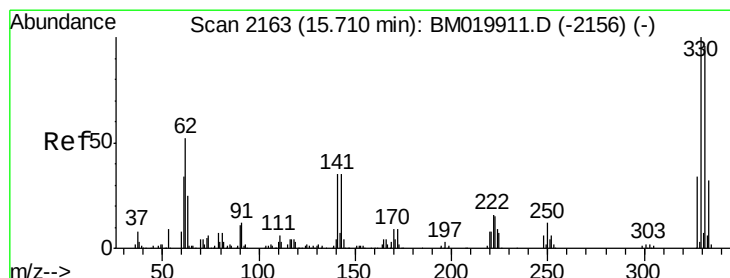
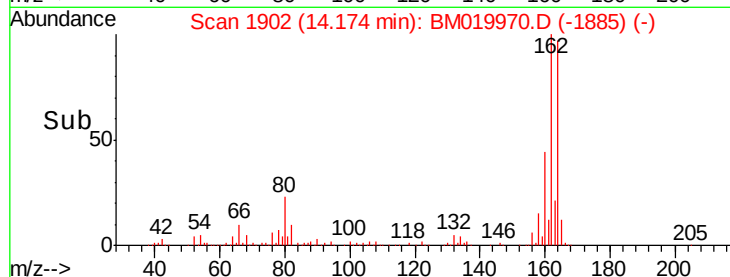
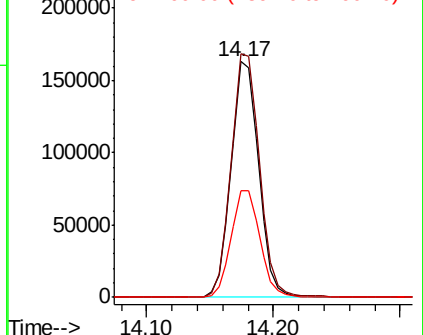
160 45.4 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 15.604 ng

RT: 15.70 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BM019970.D

Acq: 19 Apr 2019 01:11

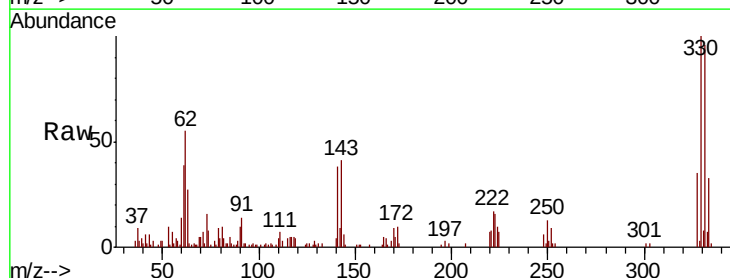
Tgt Ion:330 Resp: 61600

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

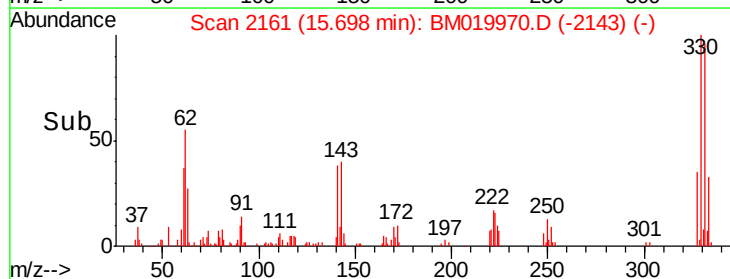
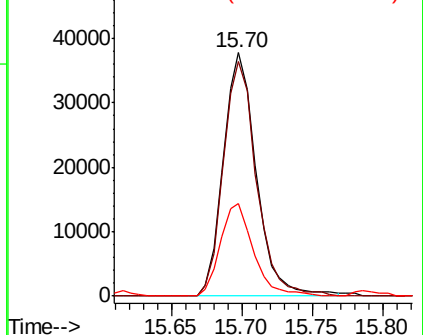
141 38.1 29.0 43.4

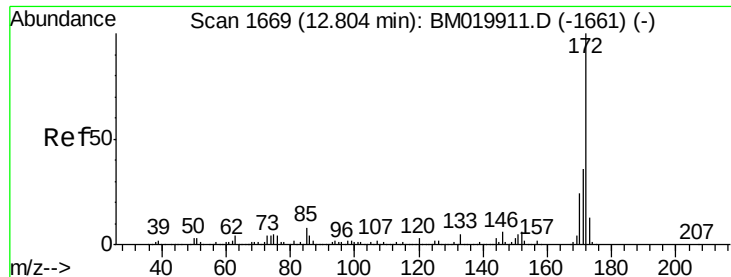


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

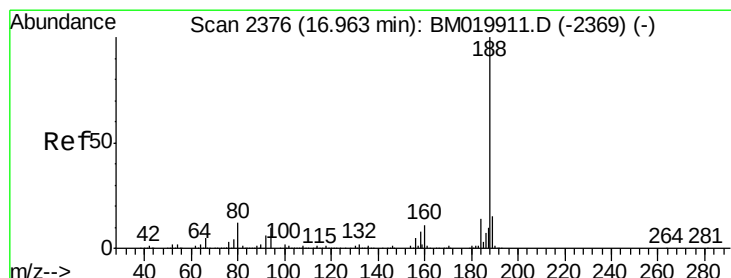
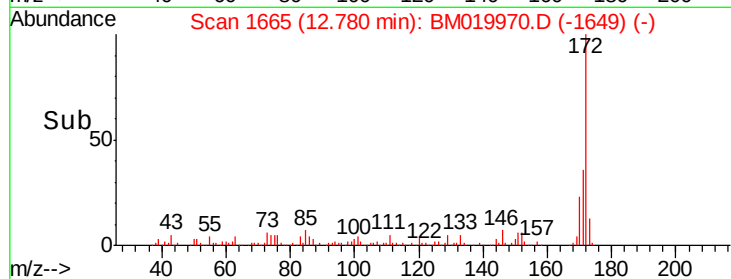
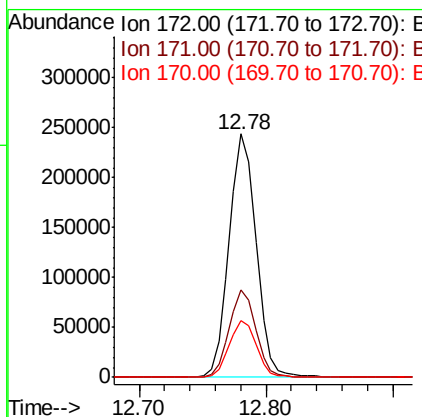
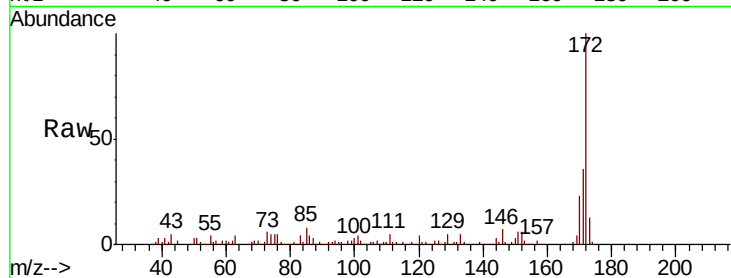




#45
 2-Fluorobiphenyl
 Concen: 18.345 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019970.D
 Acq: 19 Apr 2019 01:11

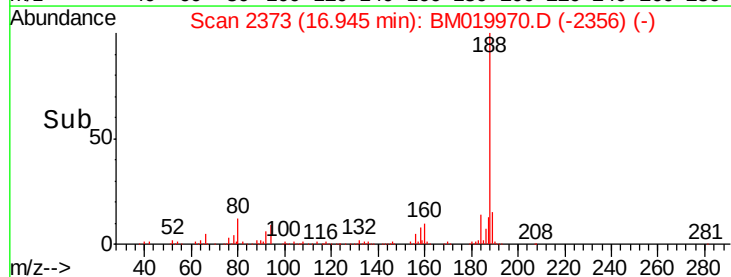
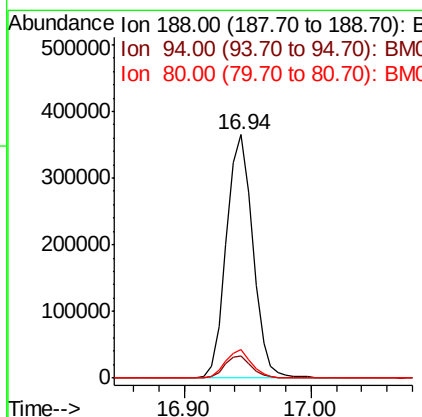
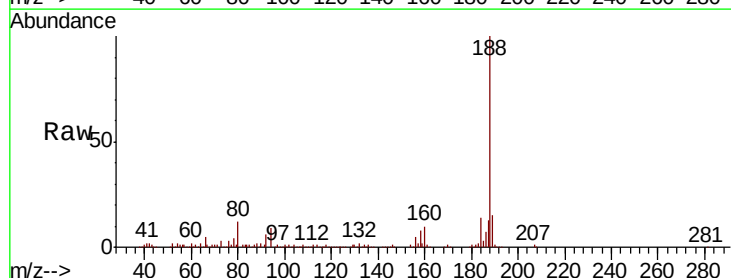
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 EFF-WWDL

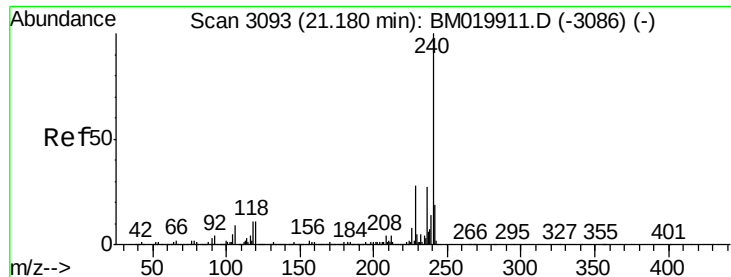
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.4	19.0	28.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.94 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: BM019970.D
 Acq: 19 Apr 2019 01:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.6	11.4
80	11.5	9.4	14.0

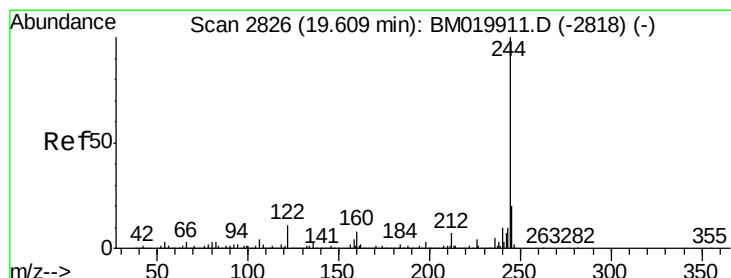
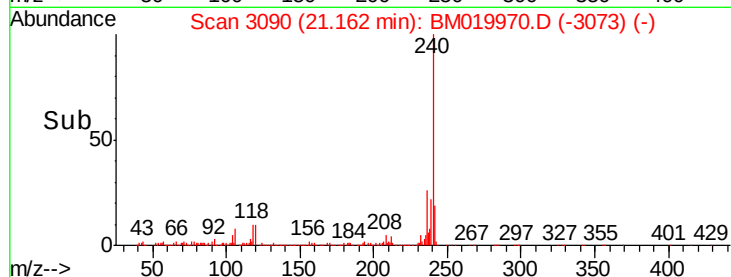
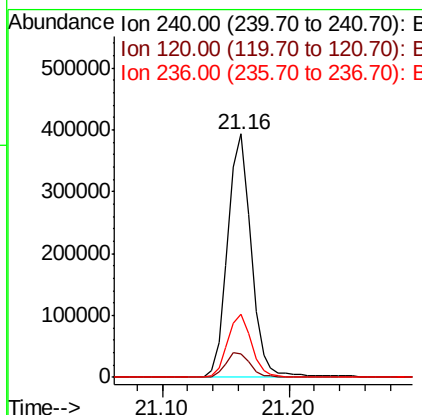
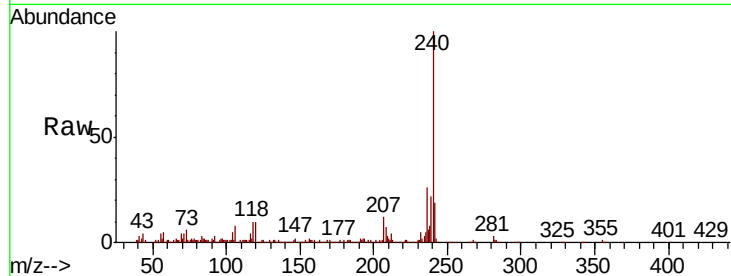




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM019970.D
Acq: 19 Apr 2019 01:11

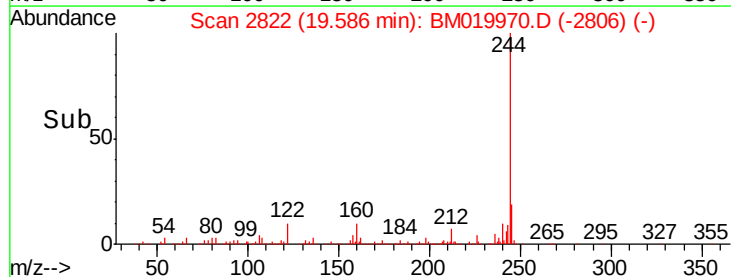
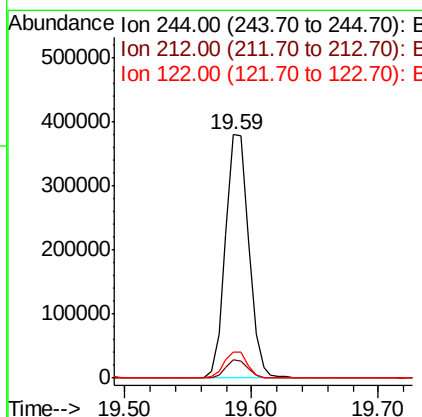
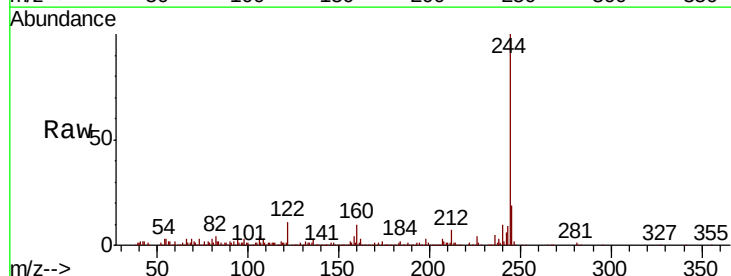
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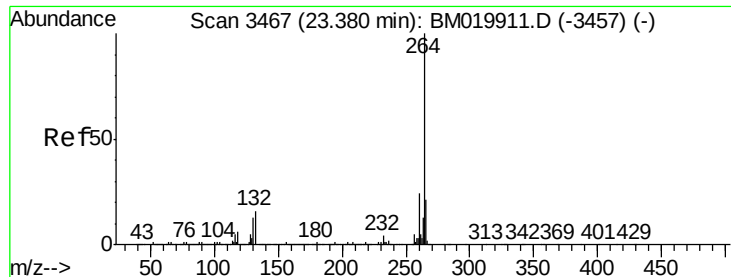
Tot Ion:240 Resp: 509548
Ion Ratio Lower Upper
240 100
120 9.6 8.6 13.0
236 26.0 21.4 32.2



#79
Terphenyl-d14
Concen: 16.841 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM019970.D
Acq: 19 Apr 2019 01:11

Tgt Ion:244 Resp: 486514
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.9 9.1 13.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM019970.D
Acq: 19 Apr 2019 01:11

Instrument :
BNA_M
ClientSampleId :
EFF-WWDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.2	25.8

