

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019158.D
 Acq On : 13 Mar 2019 22:32
 Operator : JU/SJ
 Sample : K1869-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Quant Time: Mar 14 06:57:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

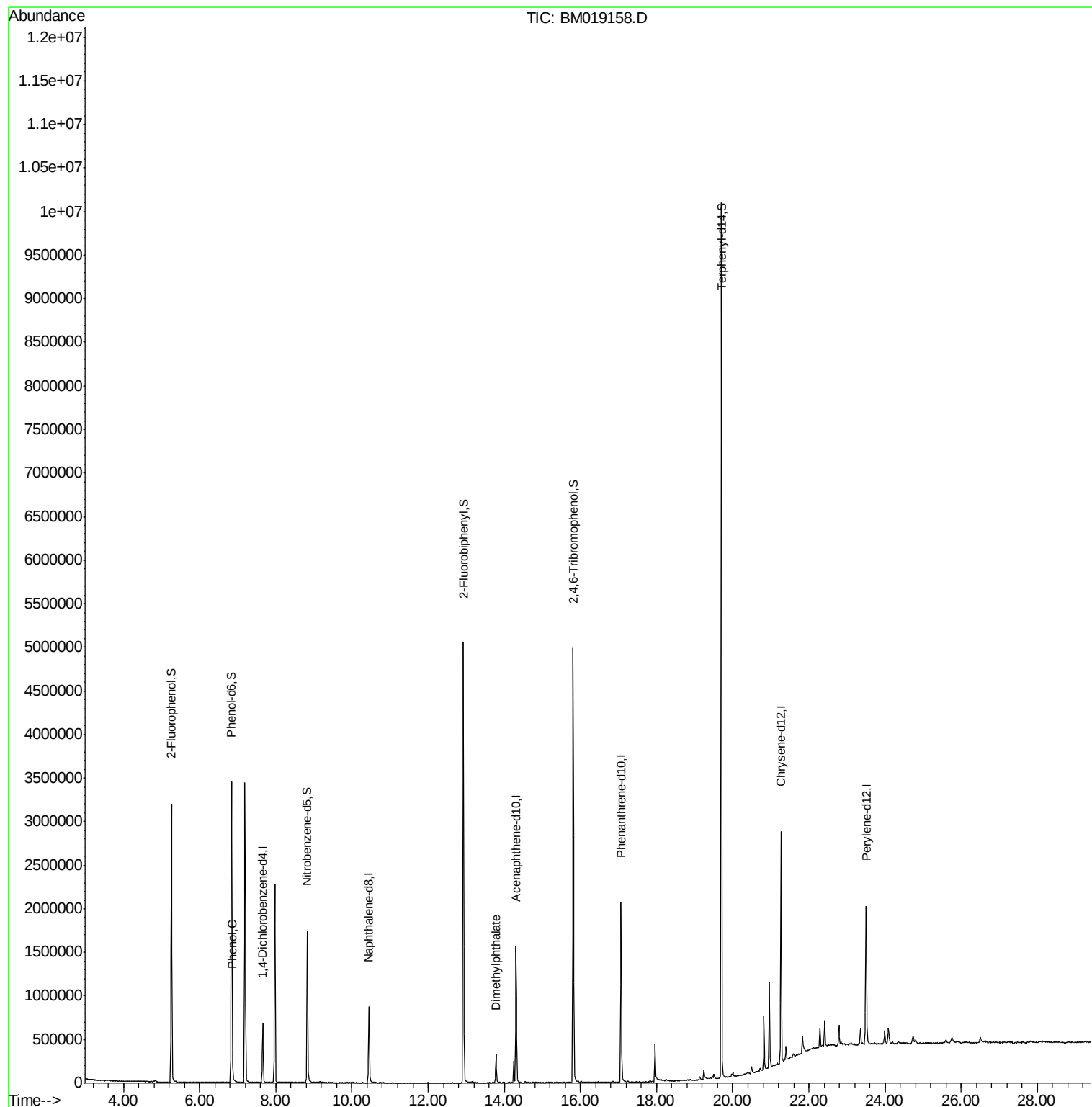
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	174672	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	740749	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	503907	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1197090	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1221521	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1105798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1309633	121.42	ng	0.00
7) Phenol-d6	6.84	99	1936250	122.73	ng	0.00
23) Nitrobenzene-d5	8.83	82	1152426	73.54	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	917166	123.27	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2581854	66.65	ng	0.00
79) Terphenyl-d14	19.70	244	4413957	71.74	ng	0.00
Target Compounds						
10) Phenol	6.86	94	38517	2.265	ng	Qvalue # 77
50) Dimethylphthalate	13.78	163	219999	5.104	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: 7.66 min Scan# 794

Delta R.T. -0.01 min

Lab File: BM019158.D

Acq: 13 Mar 2019 22:32

Instrument :

BNA_M

ClientSampled :

SP-1

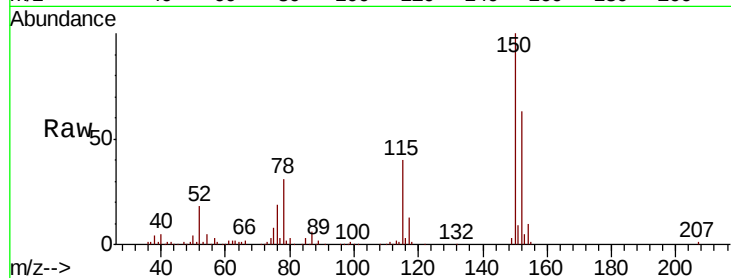
Tot Ion:152 Resp: 174672

Ion Ratio Lower Upper

152 100

150 158.5 125.3 187.9

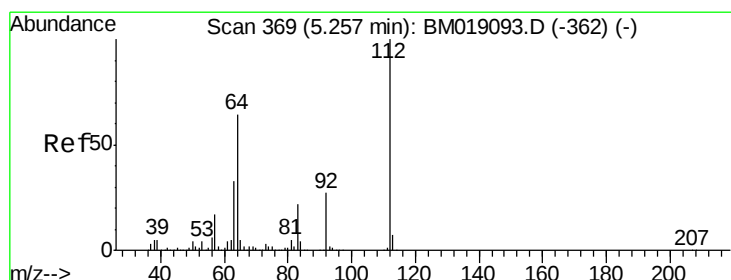
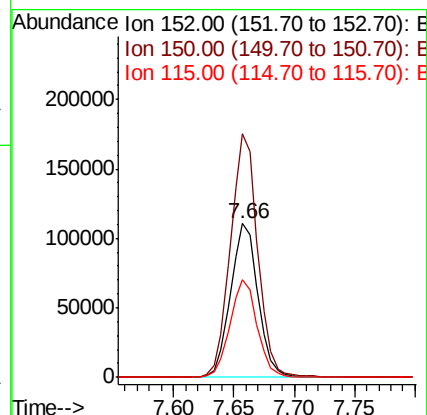
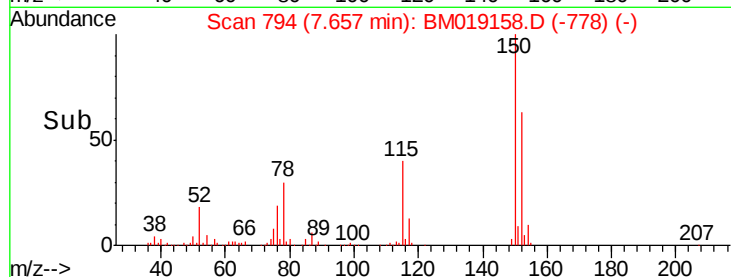
115 63.7 49.4 74.0



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: 121.423 ng

RT: 5.26 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM019158.D

Acq: 13 Mar 2019 22:32

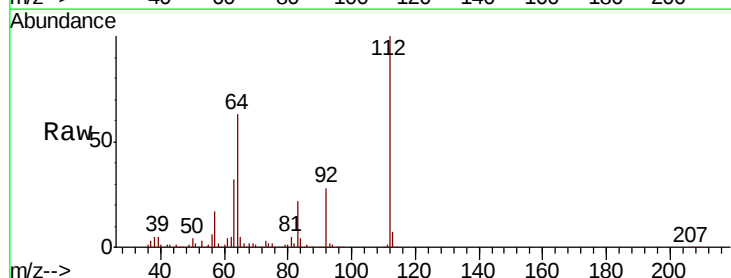
Tgt Ion:112 Resp: 1309633

Ion Ratio Lower Upper

112 100

64 63.3 51.4 77.0

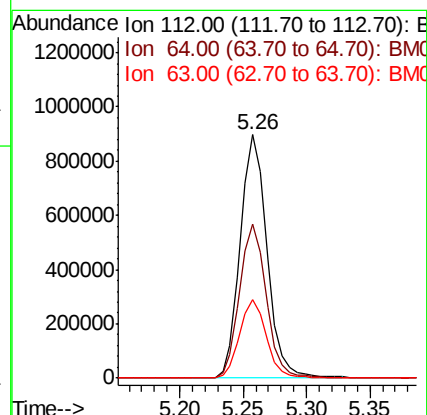
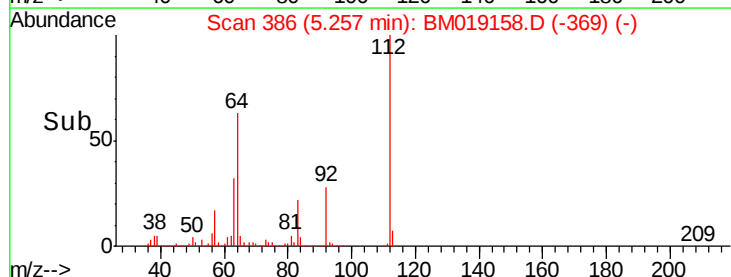
63 32.5 26.6 40.0

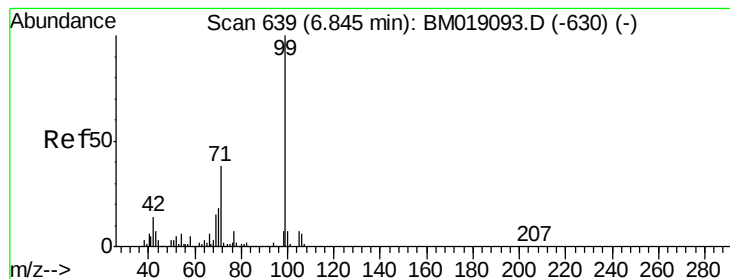


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 122.731 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019158.D

Acq: 13 Mar 2019 22:32

Instrument :

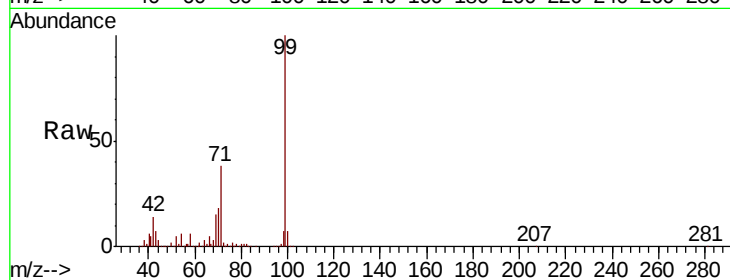
BNA_M

ClientSampleId :

SP-1

Tot Ion: 99 Resp: 1936250

Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.9	16.3
71	38.2	30.3	45.5



Abundance

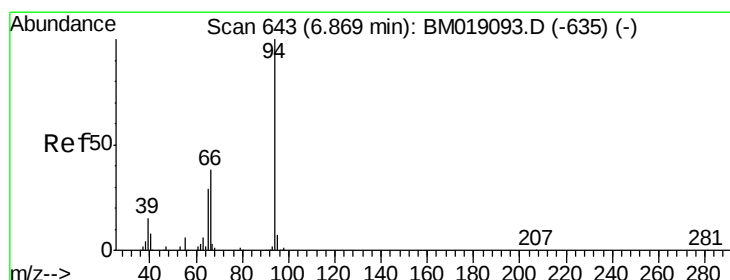
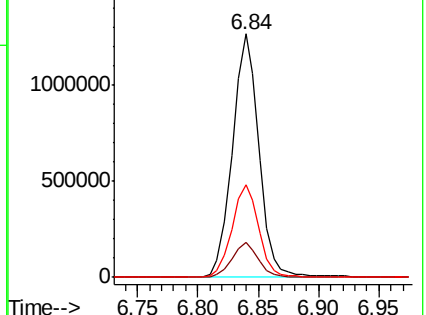
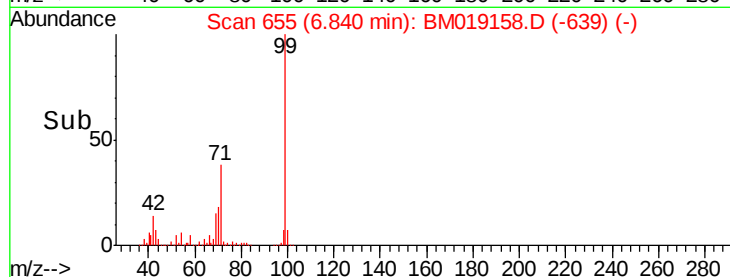
Ion 99.00 (98.70 to 99.70): BM019158.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019158.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019158.D (-639) (-)

6.84

Time-->



#10

Phenol

Concen: 2.265 ng

RT: 6.86 min Scan# 659

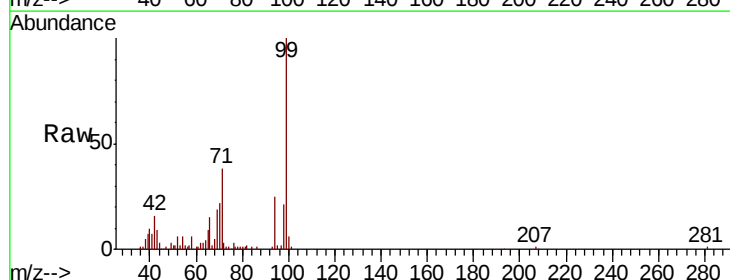
Delta R.T. -0.01 min

Lab File: BM019158.D

Acq: 13 Mar 2019 22:32

Tgt Ion: 94 Resp: 38517

Ion	Ratio	Lower	Upper
94	100		
65	35.3	9.7	49.7
66	59.4	19.2	59.2#



Abundance

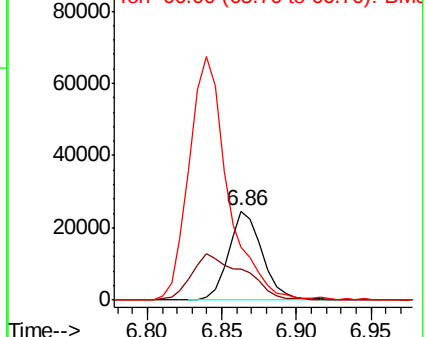
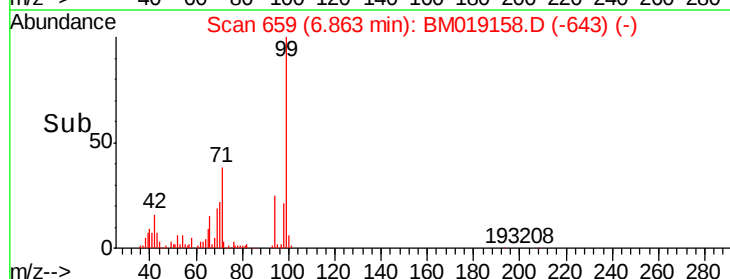
Ion 94.00 (93.70 to 94.70): BM019158.D (-643) (-)

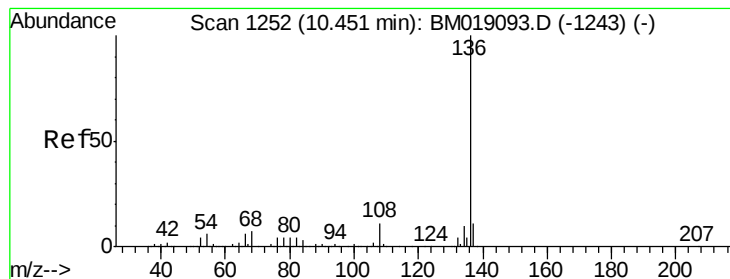
Ion 65.00 (64.70 to 65.70): BM019158.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019158.D (-643) (-)

6.86

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM019158.D

Acq: 13 Mar 2019 22:32

Instrument :

BNA_M

ClientSampleId :

SP-1

Tot Ion:136 Resp: 740749

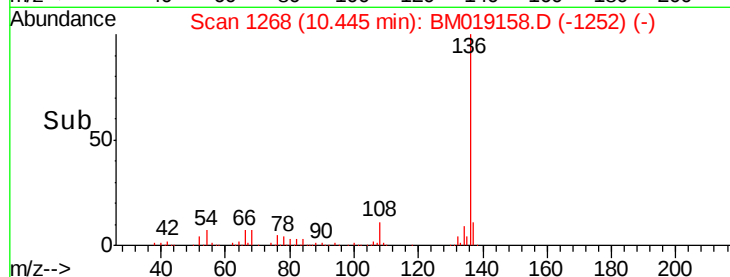
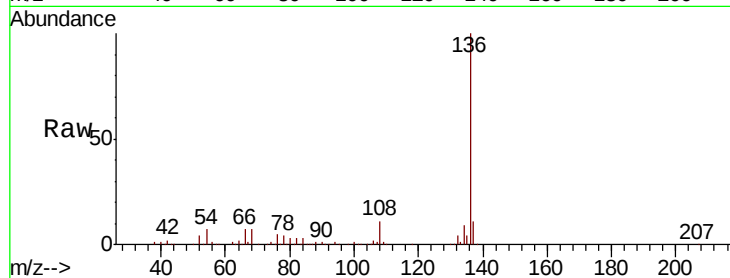
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.7 5.2 7.8

68 7.4 5.8 8.8

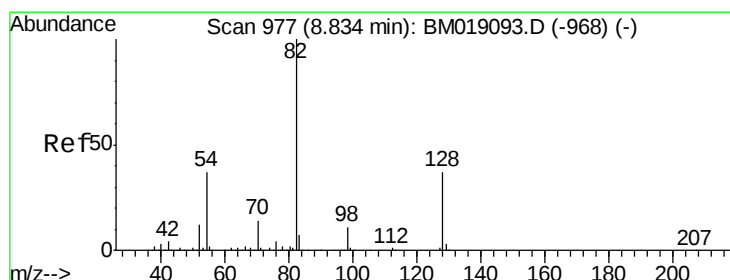
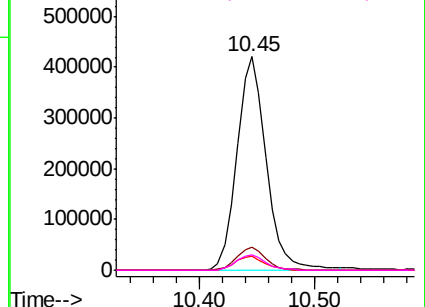


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.541 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM019158.D

Acq: 13 Mar 2019 22:32

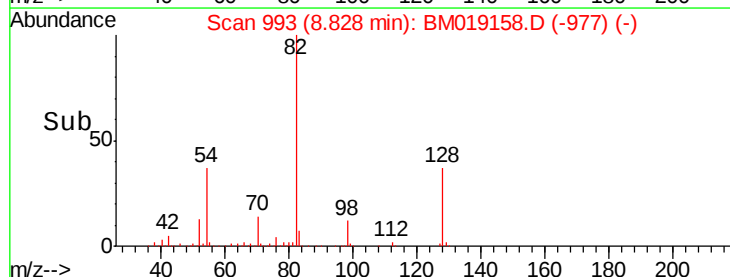
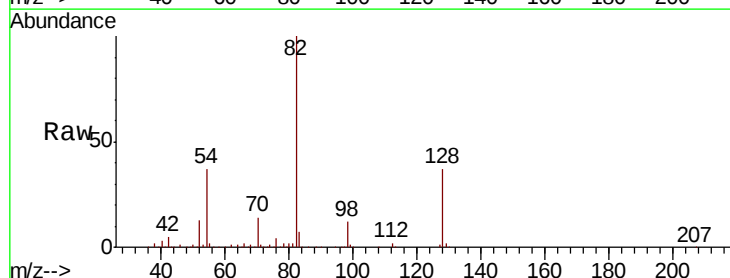
Tgt Ion: 82 Resp: 1152426

Ion Ratio Lower Upper

82 100

128 36.9 29.4 44.2

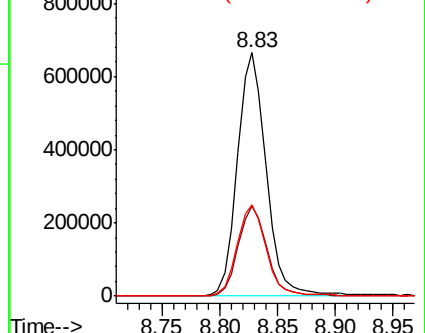
54 37.5 29.9 44.9

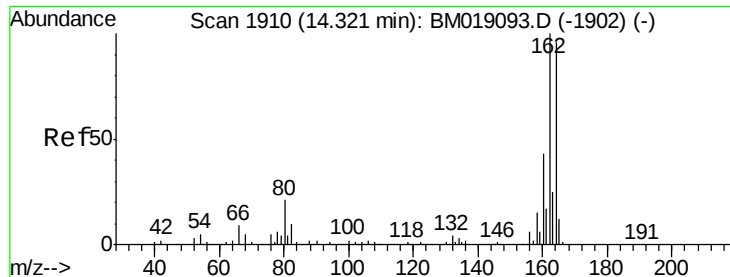


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019158.D

Acq: 13 Mar 2019 22:32

Instrument :

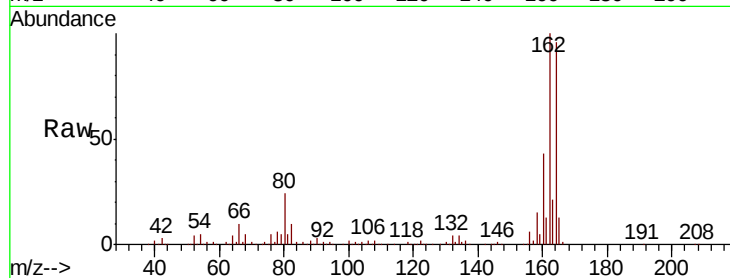
BNA_M

ClientSampleId :

SP-1

Tot Ion:164 Resp: 503907

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.5	125.3
160	45.0	36.3	54.5

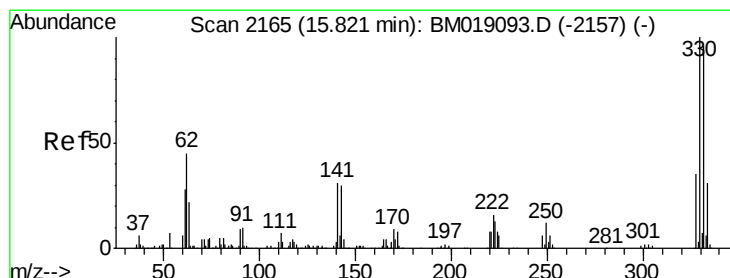
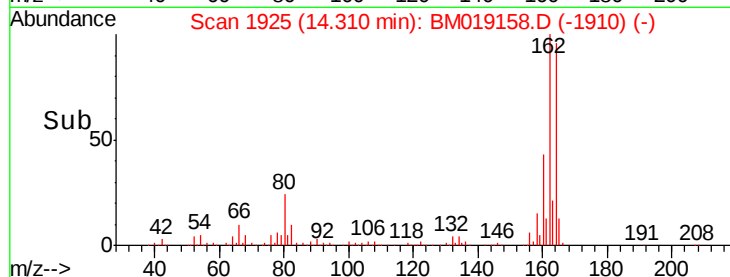
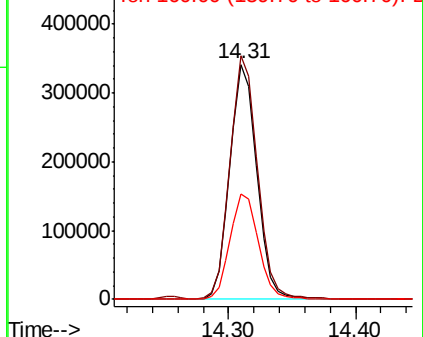


Abundance

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: 123.275 ng

RT: 15.82 min Scan# 2181

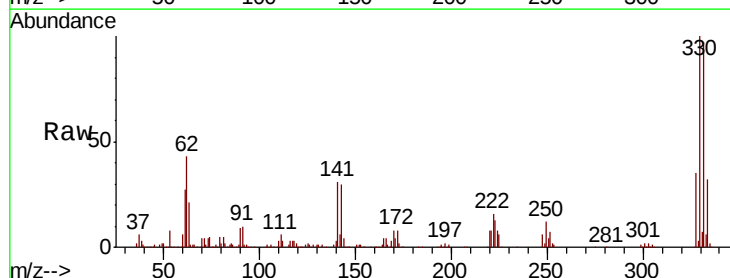
Delta R.T. -0.01 min

Lab File: BM019158.D

Acq: 13 Mar 2019 22:32

Tgt Ion:330 Resp: 917166

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	34.3	27.0	40.4

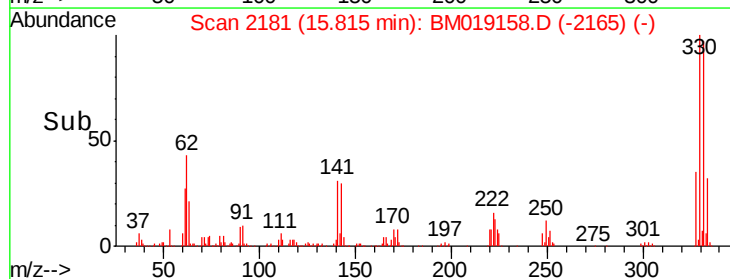
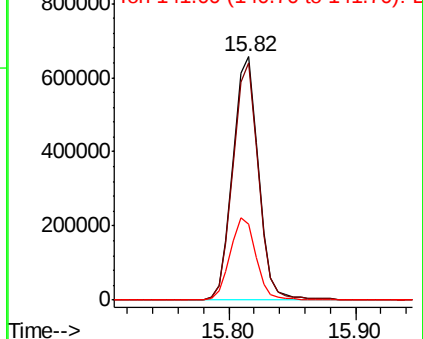


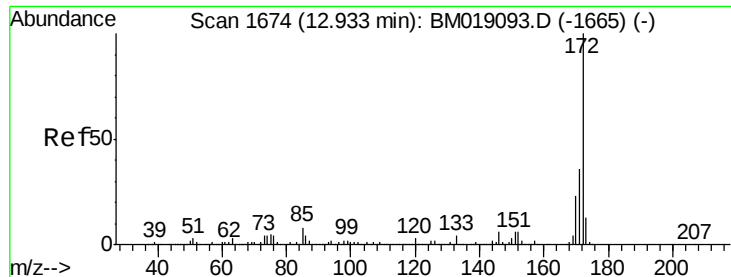
Abundance

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

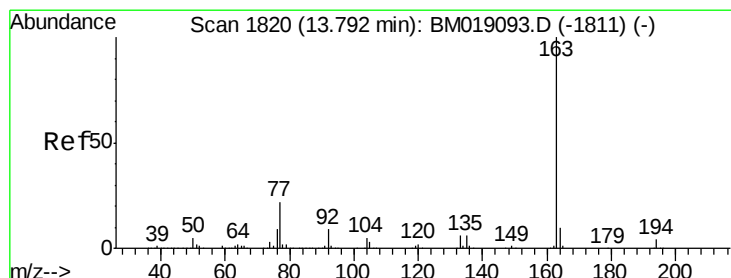
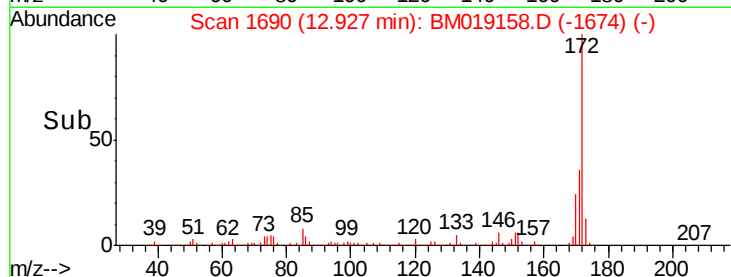
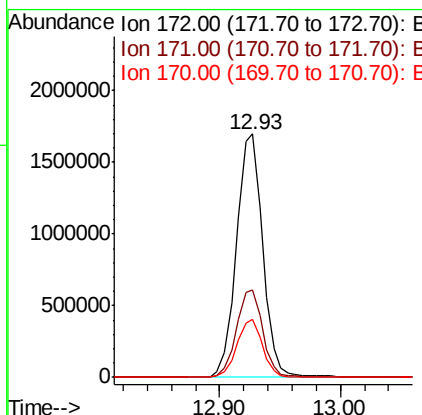
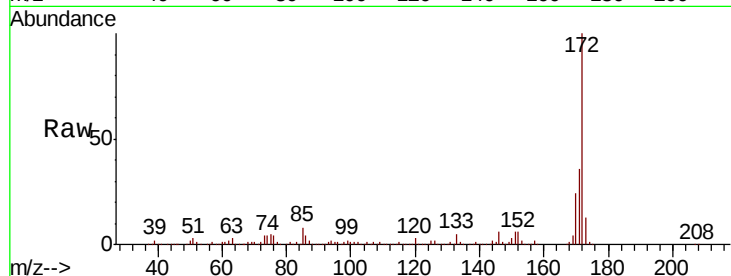




#45
2-Fluorobiphenyl
Concen: 66.647 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019158.D
Acq: 13 Mar 2019 22:32

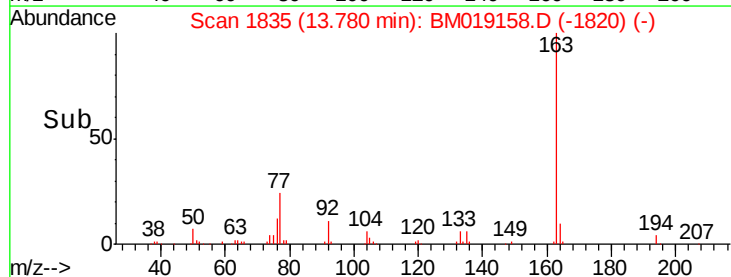
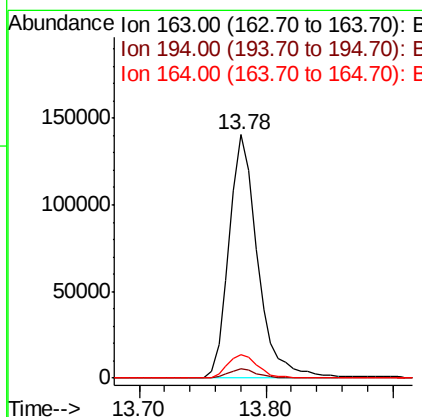
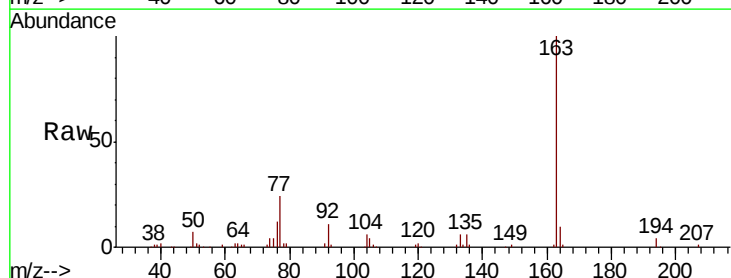
Instrument :
BNA_M
ClientSampleId :
SP-1

Tot Ion:172 Resp: 2581854
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.6 18.6 28.0



#50
Dimethylphthalate
Concen: 5.104 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM019158.D
Acq: 13 Mar 2019 22:32

Tgt Ion:163 Resp: 219999
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM019158.D

Acq: 13 Mar 2019 22:32

Instrument :

BNA_M

ClientSampled :

SP-1

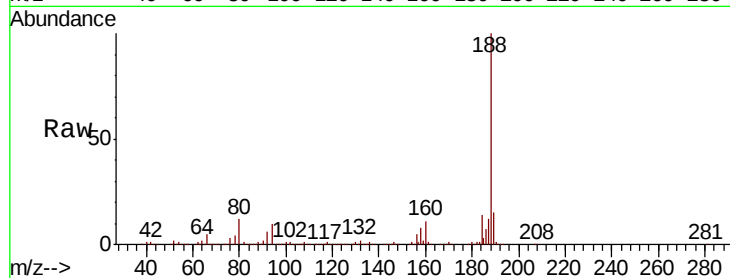
Tot Ion:188 Resp: 1197090

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

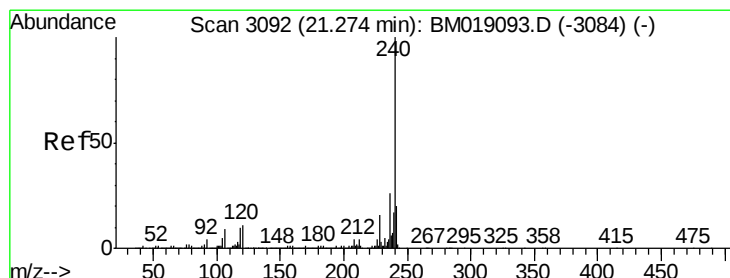
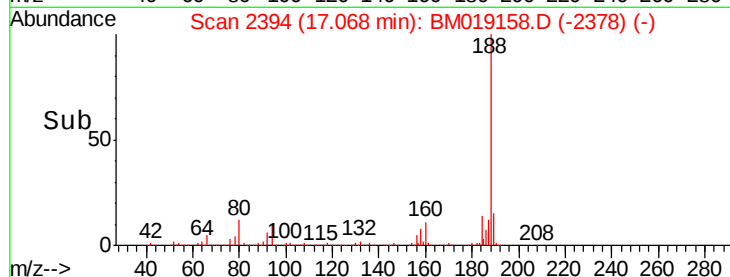
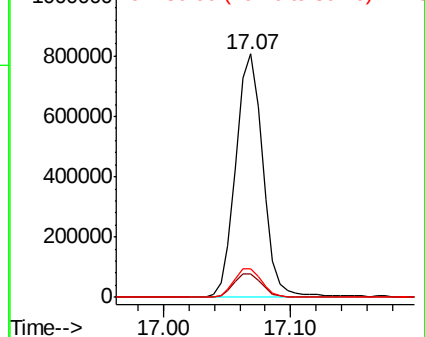
80 12.0 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019158.D

Acq: 13 Mar 2019 22:32

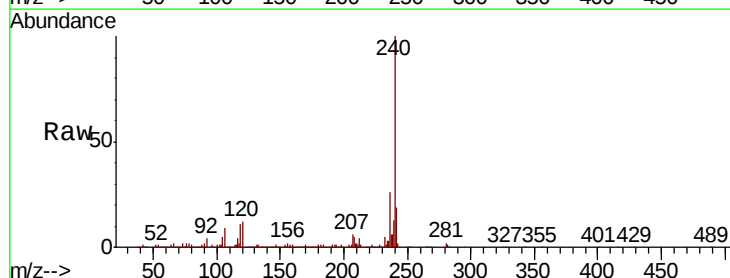
Tgt Ion:240 Resp: 1221521

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

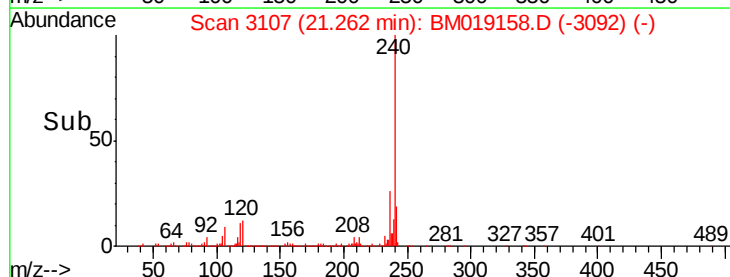
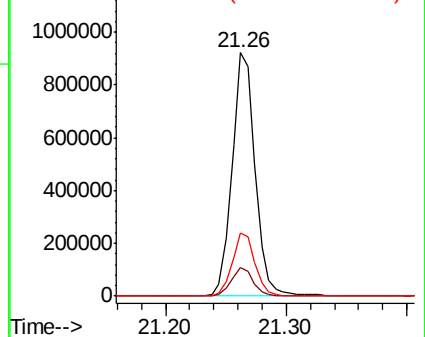
236 26.0 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

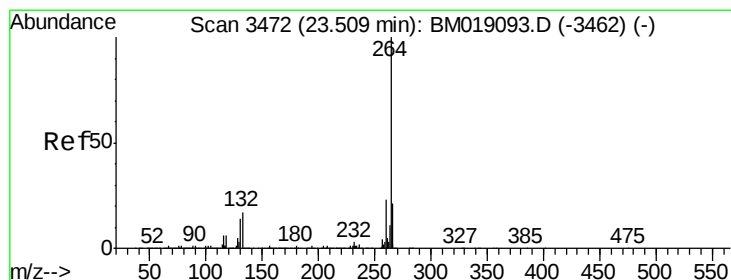
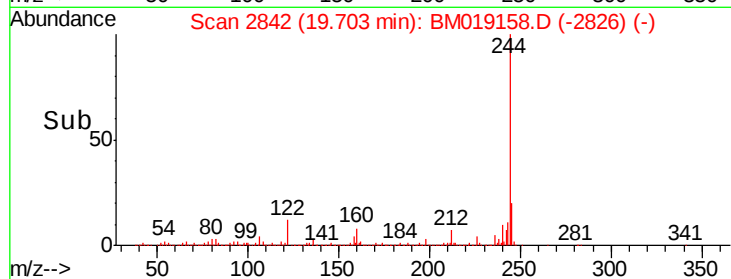
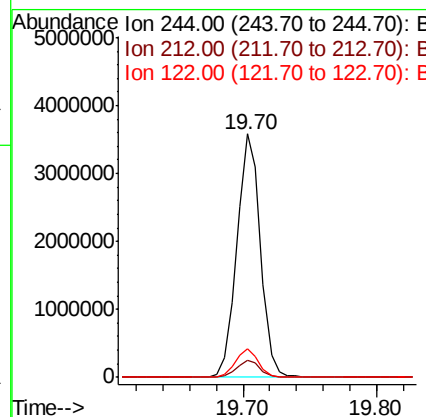
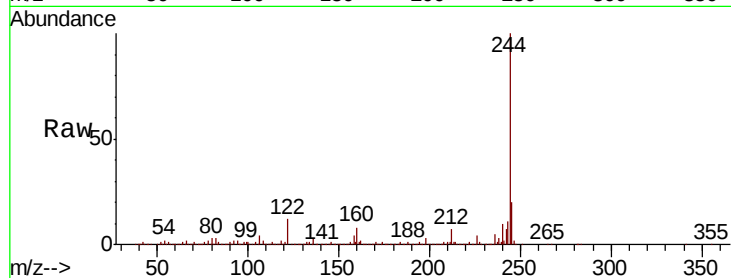




#79
 Terphenyl-d14
 Concen: 71.736 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019158.D
 Acq: 13 Mar 2019 22:32

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Tot Ion:244 Resp: 4413957
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.5 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3488
 Delta R.T. -0.01 min
 Lab File: BM019158.D
 Acq: 13 Mar 2019 22:32

Tgt Ion:264 Resp: 1105798
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.6 17.3 25.9

