

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019184.D
 Acq On : 15 Mar 2019 13:46
 Operator : JU/SJ
 Sample : K1905-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052

Quant Time: Mar 16 01:32:42 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

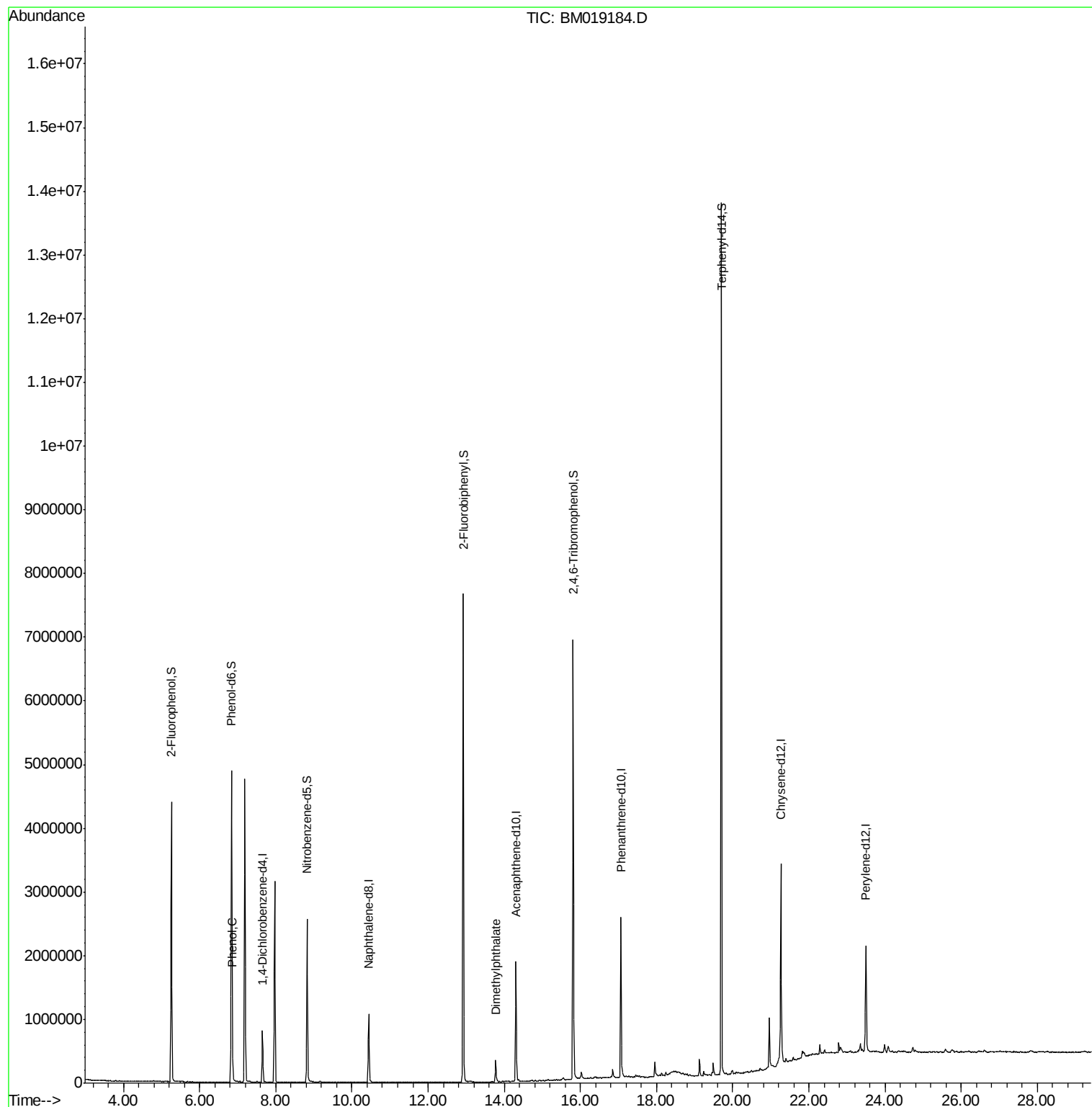
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	207948	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	913241	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	616770	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1415207	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1307110	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1145538	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1849586	144.04	ng	0.00
7) Phenol-d6	6.84	99	2809514	149.59	ng	0.00
23) Nitrobenzene-d5	8.82	82	1671646	86.53	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1294211	142.12	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3728174	78.63	ng	-0.01
79) Terphenyl-d14	19.70	244	5877873	89.27	ng	0.00
Target Compounds						
10) Phenol	6.86	94	153795	7.598	ng	94
50) Dimethylphthalate	13.77	163	230785	4.374	ng	99

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

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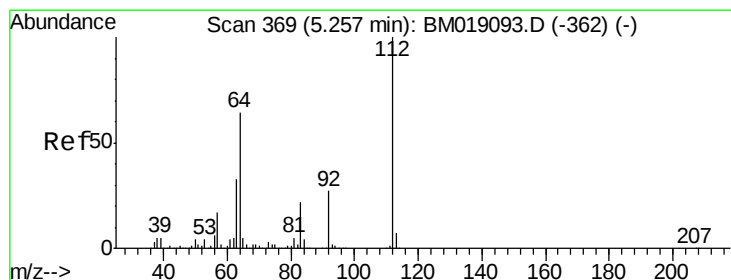
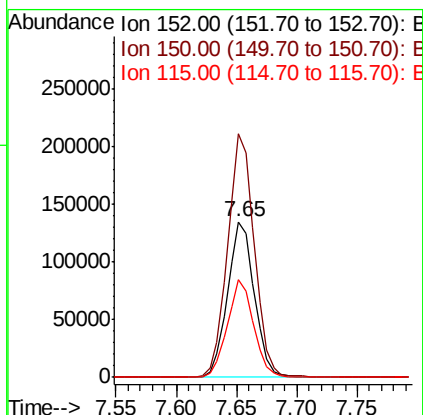
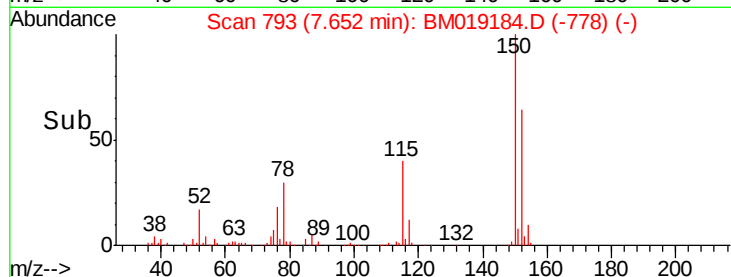
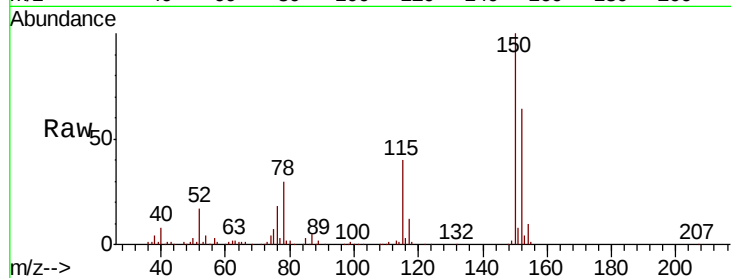


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019184.D
Acq: 15 Mar 2019 13:46

Instrument :
BNA_M
ClientSampleId :
RBR-200052

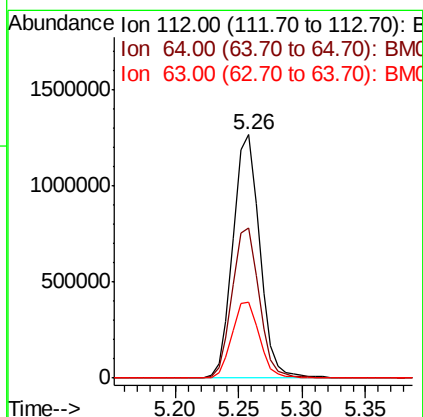
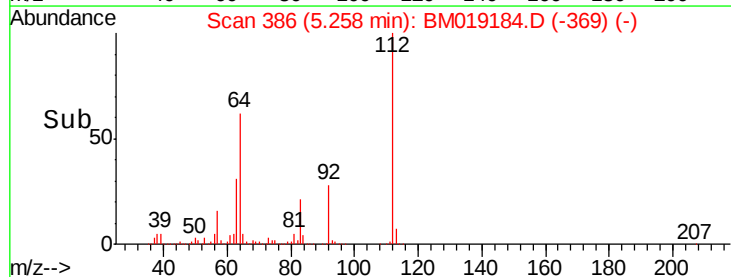
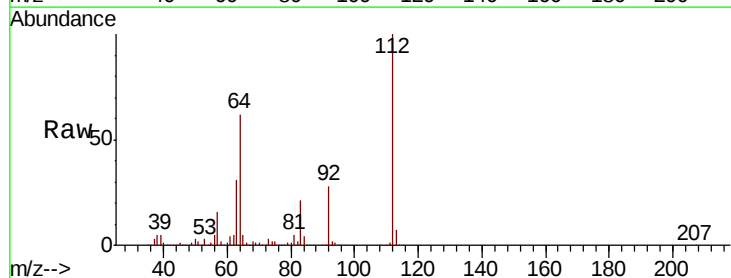
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	63.0	49.4	74.0

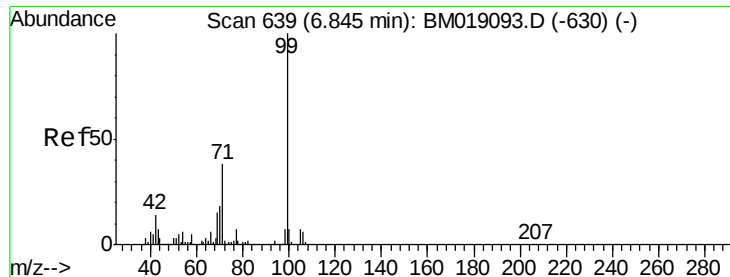


#5

2-Fluorophenol
Concen: 144.044 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019184.D
Acq: 15 Mar 2019 13:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	51.4	77.0
63	31.2	26.6	40.0





#7

Phenol-d6

Concen: 149.587 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019184.D

Acq: 15 Mar 2019 13:46

Instrument :

BNA_M

ClientSampleId :

RBR-200052

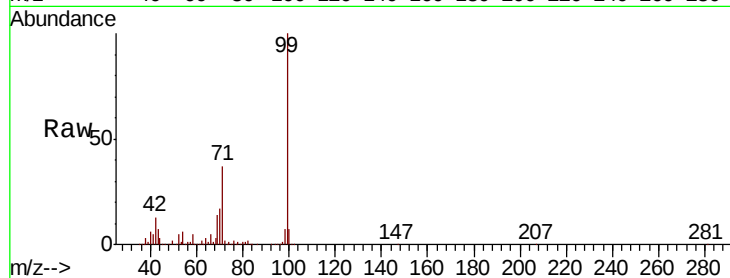
Tot Ion: 99 Resp: 2809514

Ion Ratio Lower Upper

99 100

42 13.4 10.9 16.3

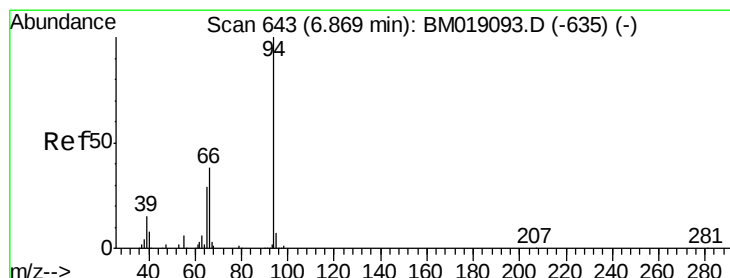
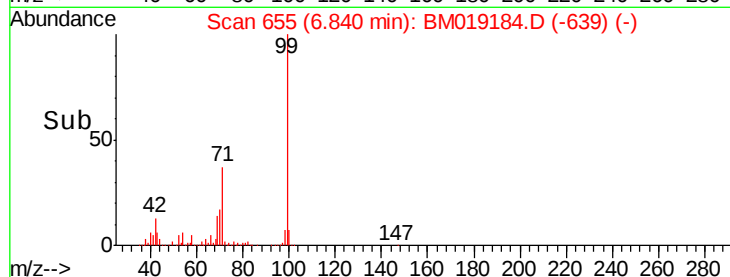
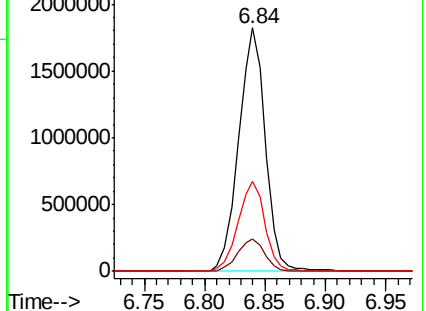
71 37.2 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#10

Phenol

Concen: 7.598 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM019184.D

Acq: 15 Mar 2019 13:46

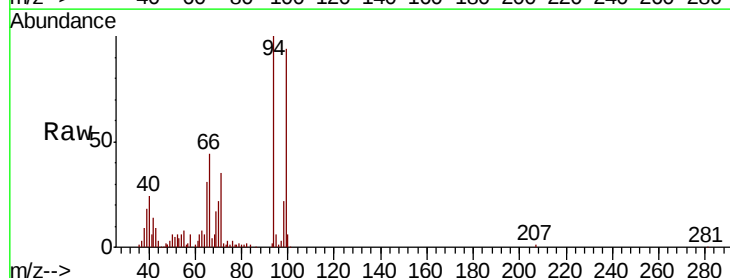
Tgt Ion: 94 Resp: 153795

Ion Ratio Lower Upper

94 100

65 31.3 9.7 49.7

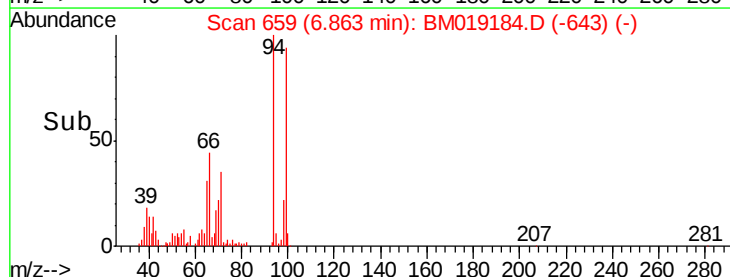
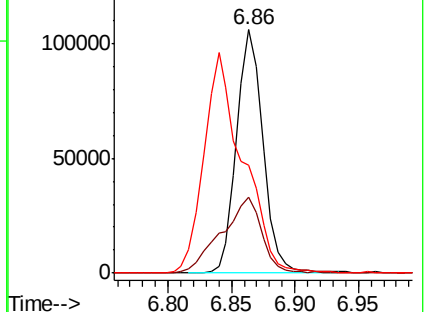
66 44.2 19.2 59.2



Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

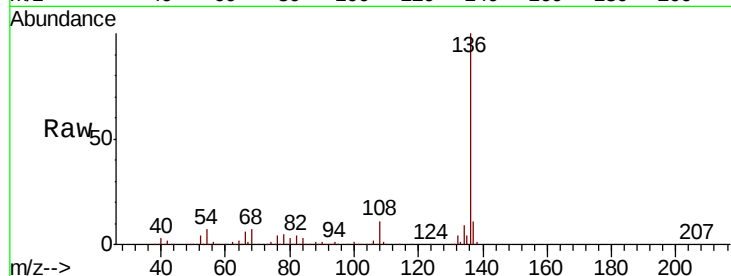




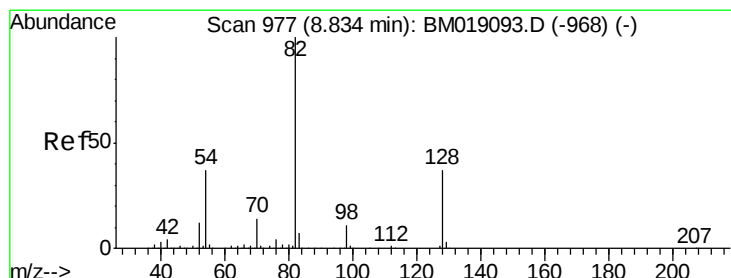
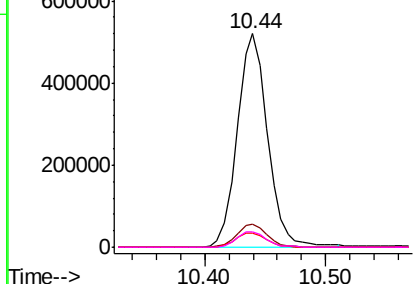
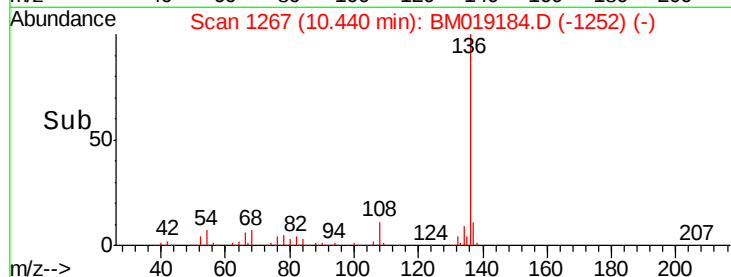
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019184.D
Acq: 15 Mar 2019 13:46

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tot Ion:136	Resp:	913241
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.6	13.0
54 6.8	5.2	7.8
68 7.5	5.8	8.8

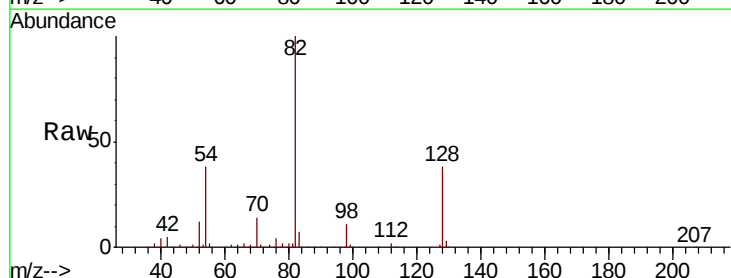


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

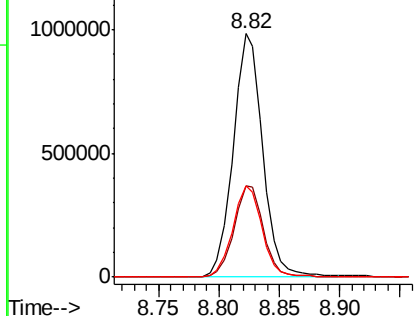
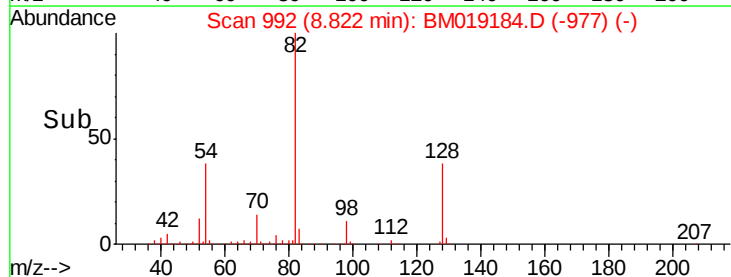


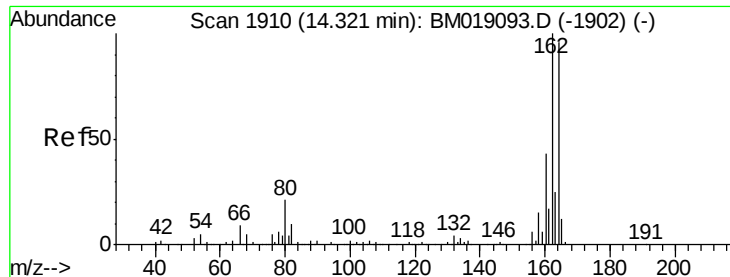
#23
Nitrobenzene-d5
Concen: 86.526 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019184.D
Acq: 15 Mar 2019 13:46

Tgt Ion: 82	Resp: 1671646
Ion Ratio	Lower Upper
82 100	
128 37.5	29.4 44.2
54 37.7	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: BM019184.D

Acq: 15 Mar 2019 13:46

Instrument :

BNA_M

ClientSampleId :

RBR-200052

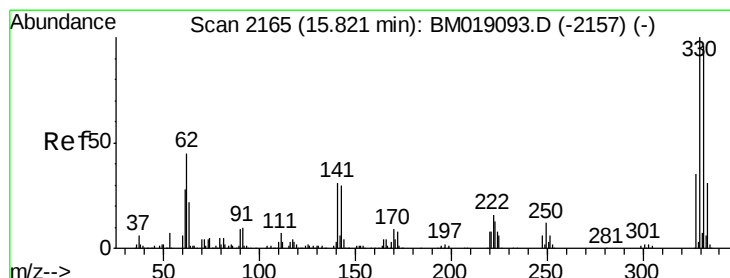
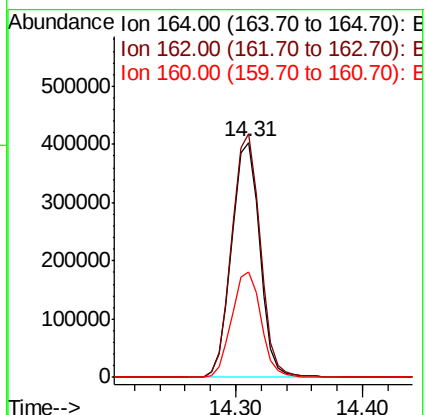
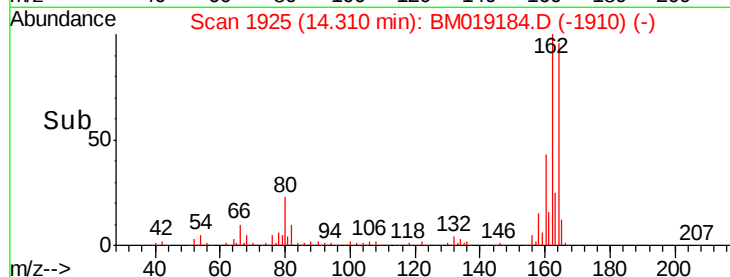
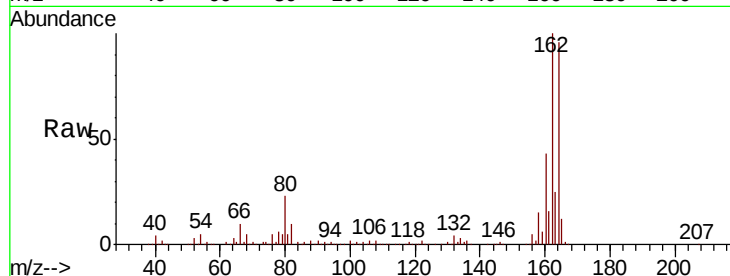
Tot Ion:164 Resp: 616770

Ion Ratio Lower Upper

164 100

162 103.7 83.5 125.3

160 44.9 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 142.121 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019184.D

Acq: 15 Mar 2019 13:46

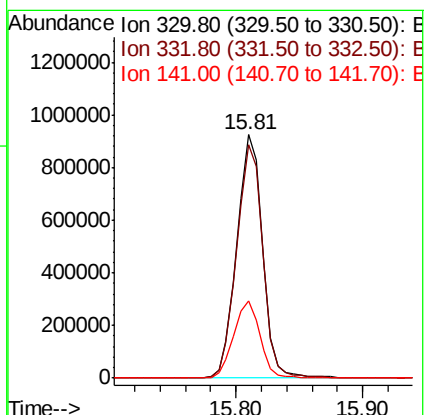
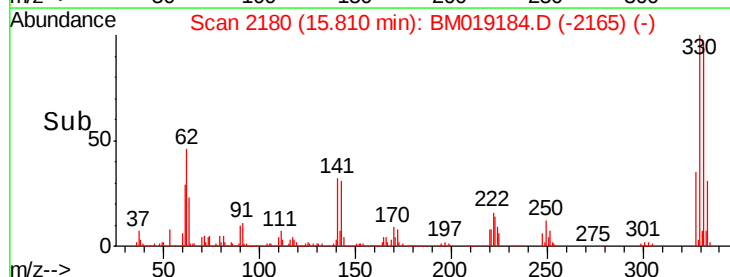
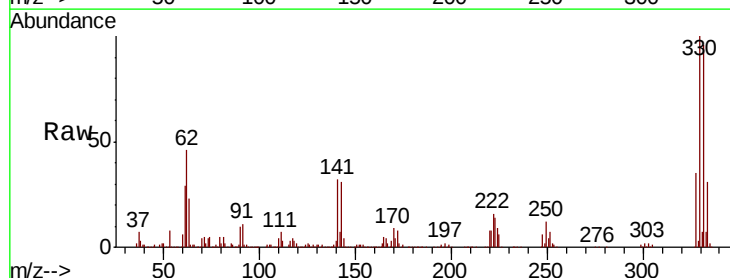
Tgt Ion:330 Resp: 1294211

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

141 32.6 27.0 40.4

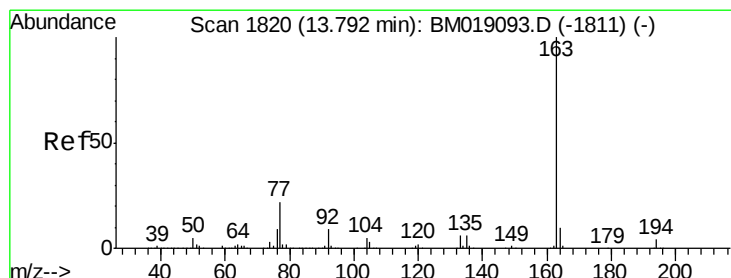
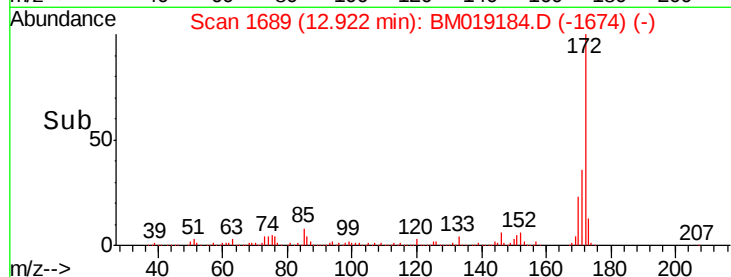
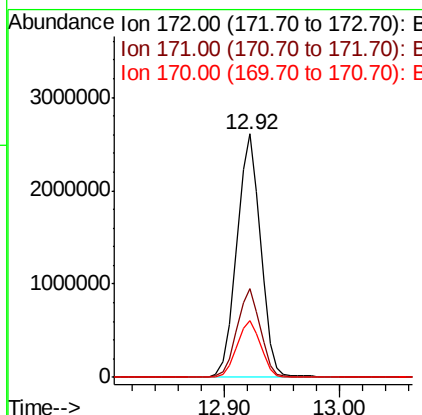
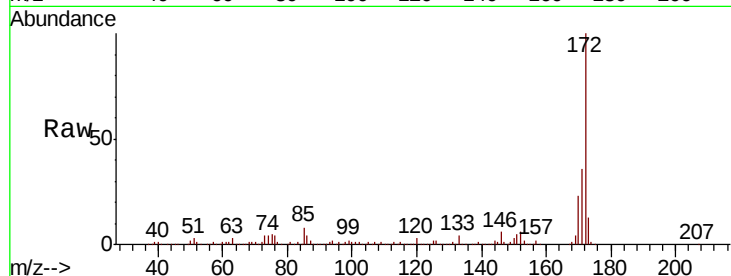




#45
2-Fluorobiphenyl
Concen: 78.627 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019184.D
Acq: 15 Mar 2019 13:46

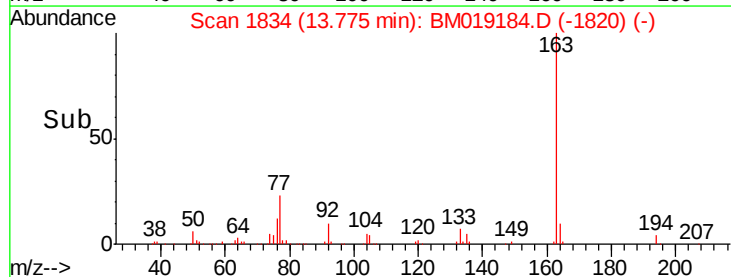
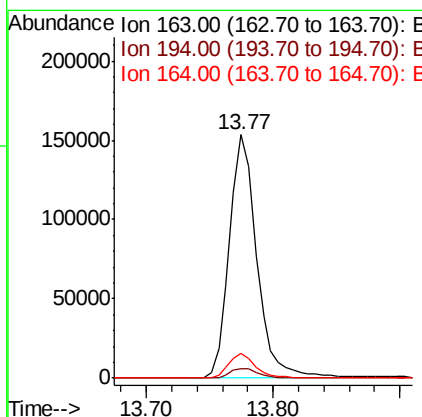
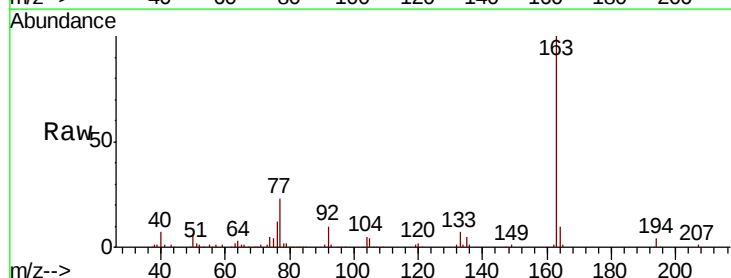
Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tot Ion:172 Resp: 3728174
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.5 18.6 28.0



#50
Dimethylphthalate
Concen: 4.374 ng
RT: 13.77 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BM019184.D
Acq: 15 Mar 2019 13:46

Tgt Ion:163 Resp: 230785
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019184.D

Acq: 15 Mar 2019 13:46

Instrument :

BNA_M

ClientSampleId :

RBR-200052

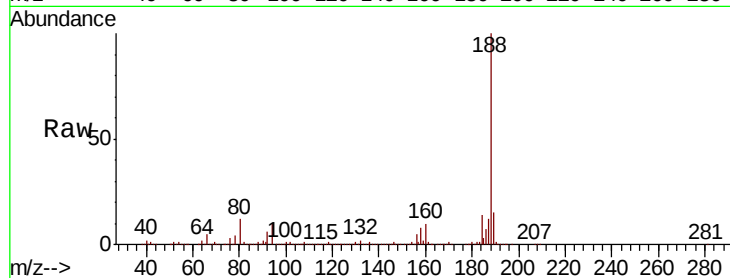
Tot Ion:188 Resp: 1415207

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

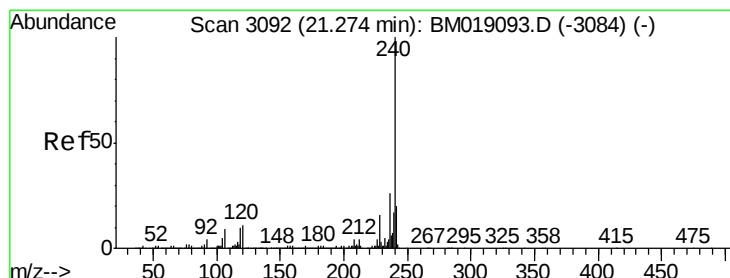
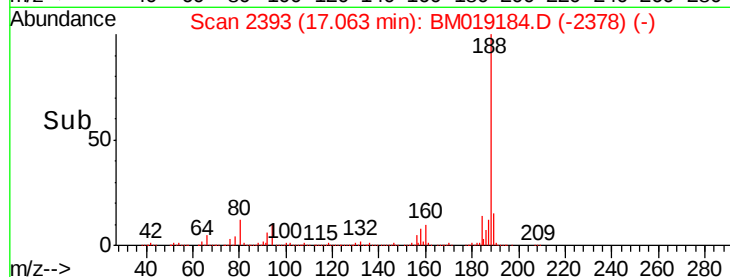
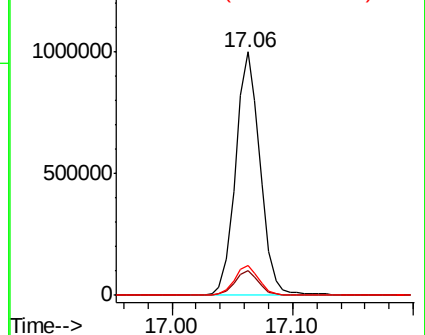
80 12.0 9.7 14.5



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: BM019184.D

Acq: 15 Mar 2019 13:46

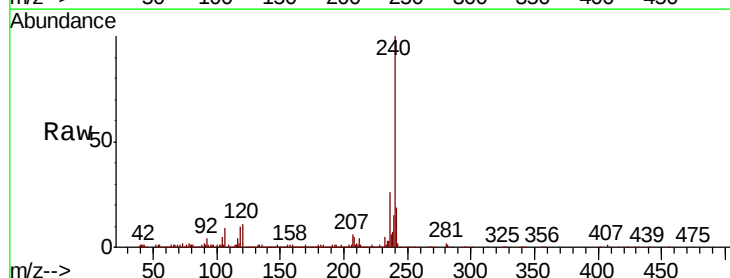
Tgt Ion:240 Resp: 1307110

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

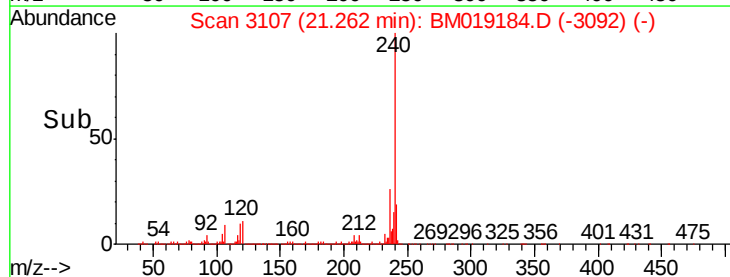
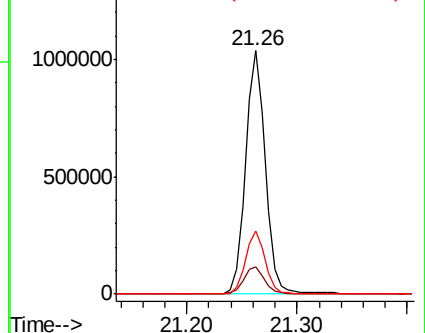
236 26.2 21.0 31.4



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: 89.272 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019184.D

Acq: 15 Mar 2019 13:46

Instrument :

BNA_M

ClientSampleId :

RBR-200052

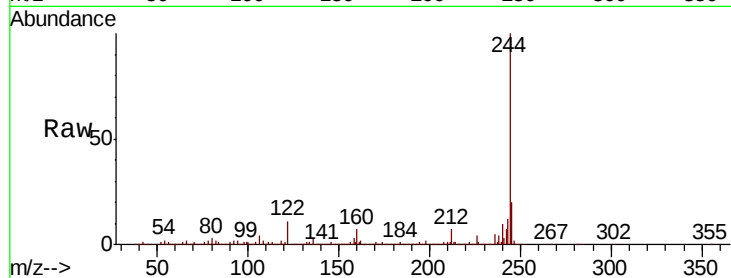
Tot Ion:244 Resp: 5877873

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

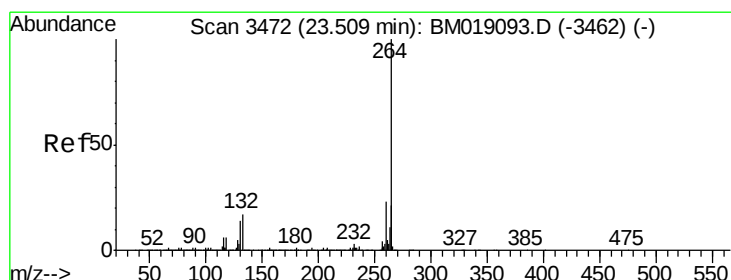
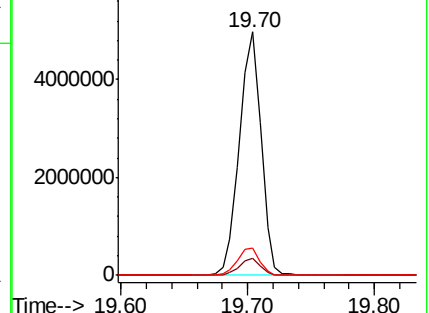
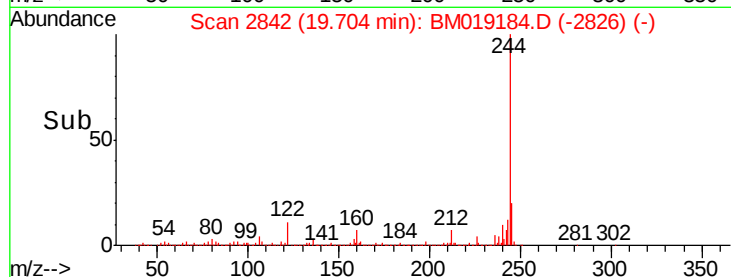
122 11.1 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019184.D

Acq: 15 Mar 2019 13:46

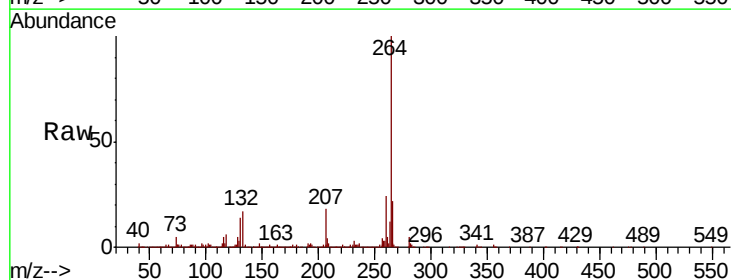
Tgt Ion:264 Resp: 1145538

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

