

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019168.D
 Acq On : 14 Mar 2019 14:27
 Operator : JU/SJ
 Sample : PB117903BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117903BL

Quant Time: Mar 15 05:19:38 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	175198	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	705288	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	460655	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1145273	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1098398	20.00	ng	-0.01
87) Perylene-d12	23.50	264	951617	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1202329	111.14	ng	0.00
7) Phenol-d6	6.84	99	1730267	109.35	ng	0.00
23) Nitrobenzene-d5	8.82	82	1016345	68.12	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	777202	114.27	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	2338191	66.02	ng	-0.01
79) Terphenyl-d14	19.70	244	4395124	79.44	ng	0.00

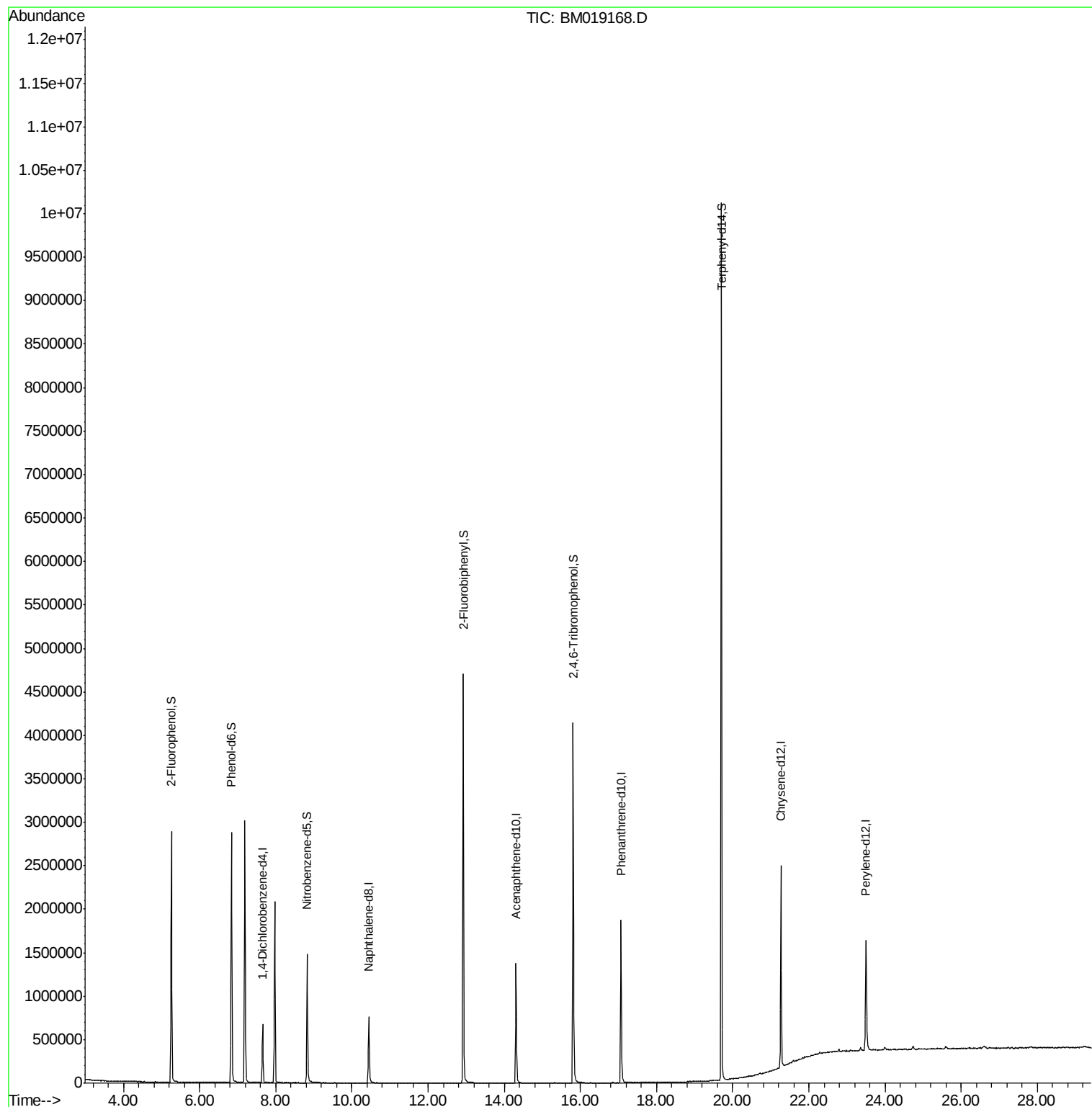
Target Compounds Qvalue

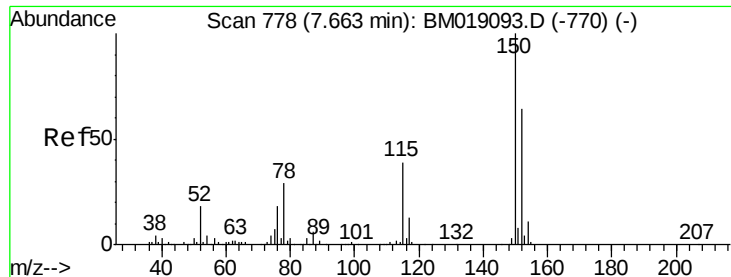
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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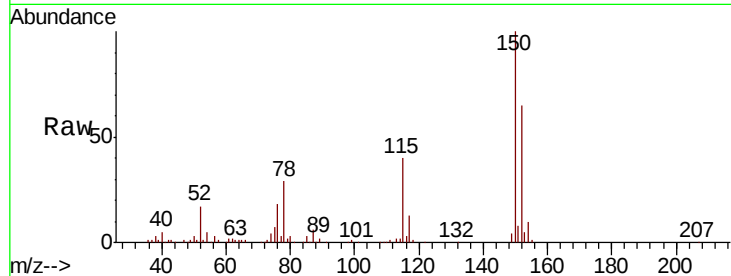


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019168.D
Acq: 14 Mar 2019 14:27

Instrument :
BNA_M
ClientSampleId :
PB117903BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.3	187.9
115	61.8	49.4	74.0

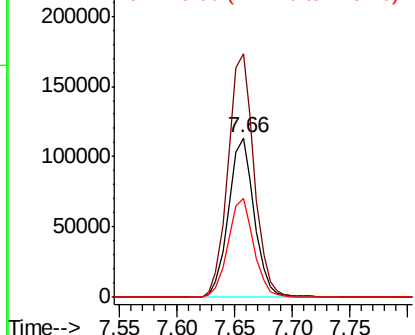
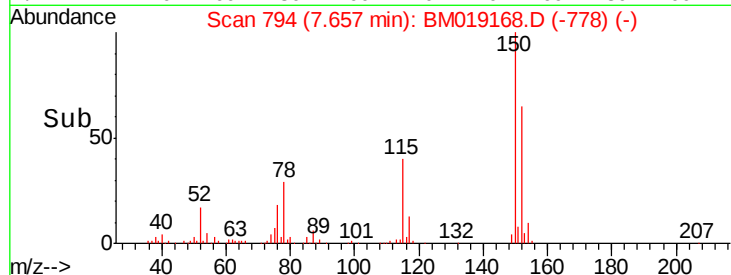


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

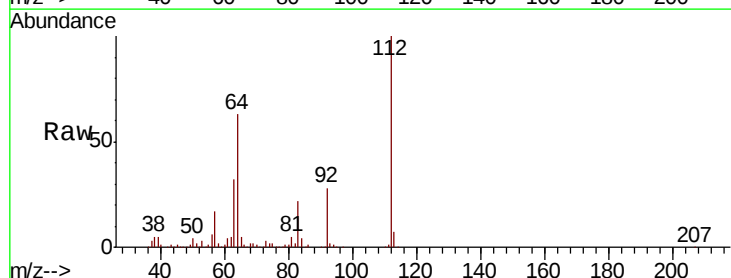
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.140 ng
RT: 5.26 min Scan# 386
Delta R.T. -0.00 min
Lab File: BM019168.D
Acq: 14 Mar 2019 14:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.4	77.0
63	32.2	26.6	40.0

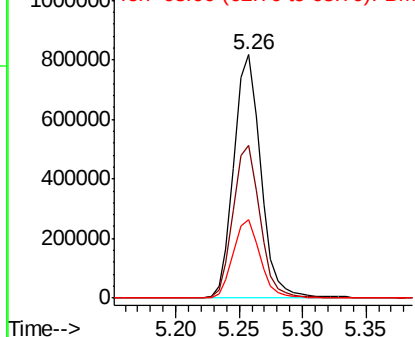
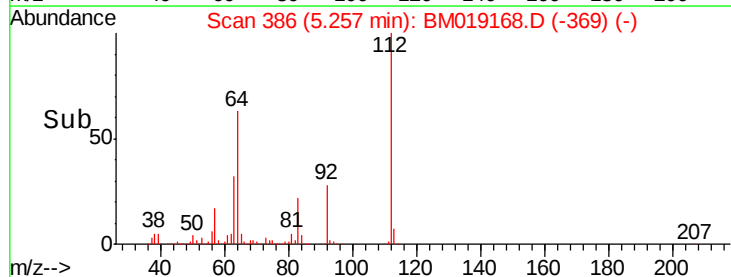


Abundance

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: 109.346 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019168.D

Acq: 14 Mar 2019 14:27

Instrument :

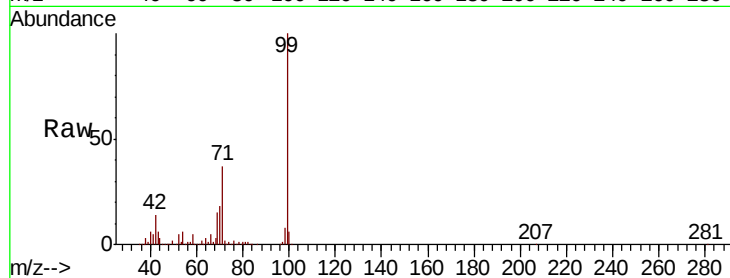
BNA_M

ClientSampleId :

PB117903BL

Tot Ion: 99 Resp: 1730267

Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.9	16.3
71	37.4	30.3	45.5

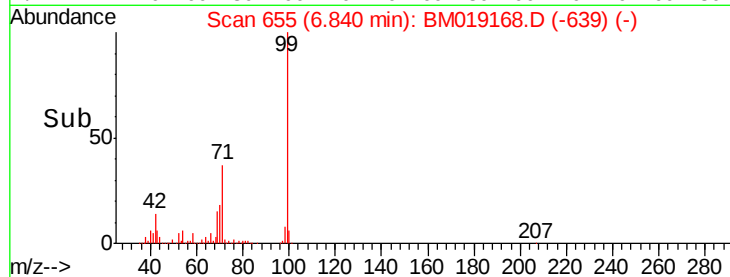


Abundance

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) (-)

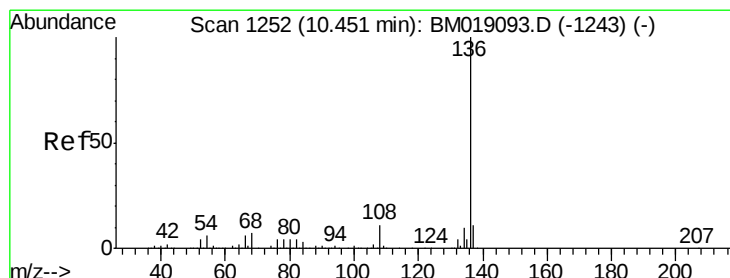


Abundance

Ion 99.00 (98.70 to 99.70): BM019168.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019168.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019168.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

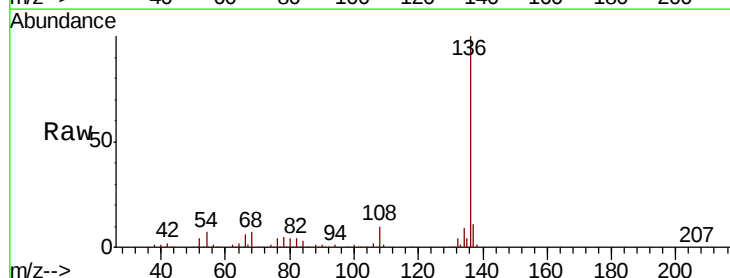
Delta R.T. -0.01 min

Lab File: BM019168.D

Acq: 14 Mar 2019 14:27

Tgt Ion: 136 Resp: 705288

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.2	5.2	7.8
68	7.3	5.8	8.8



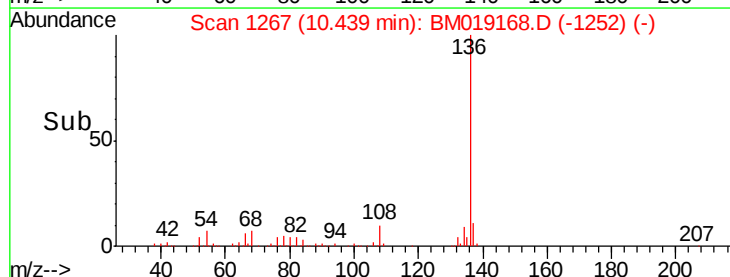
Abundance

Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)



Abundance

Ion 136.00 (135.70 to 136.70): BM019168.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019168.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019168.D (-1252) (-)

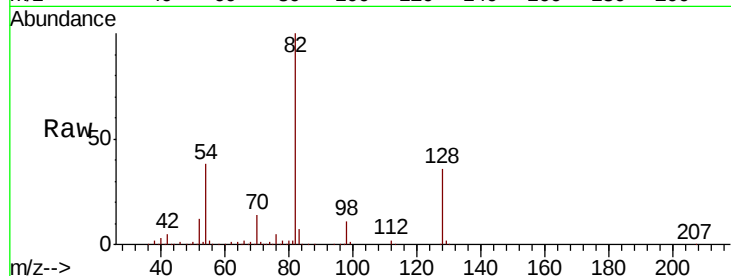
Ion 68.00 (67.70 to 68.70): BM019168.D (-1252) (-)



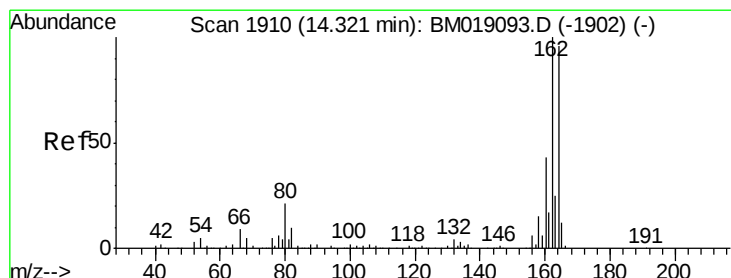
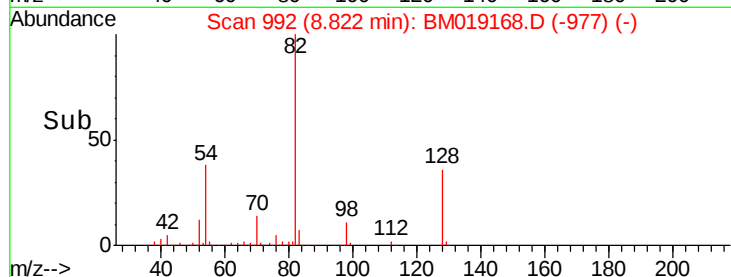
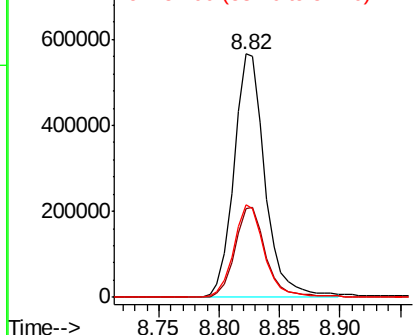
#23
Nitrobenzene-d5
Concen: 68.118 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019168.D
Acq: 14 Mar 2019 14:27

Instrument :
BNA_M
ClientSampleId :
PB117903BL

Tot Ion: 82 Resp: 1016345
Ion Ratio Lower Upper
82 100
128 36.4 29.4 44.2
54 37.9 29.9 44.9

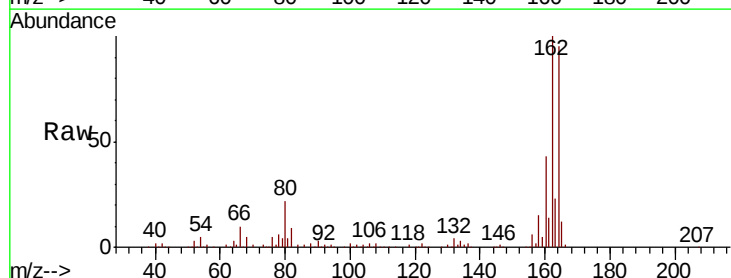


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)
Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)
Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)

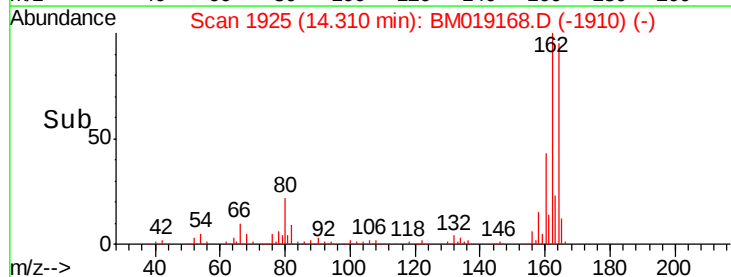
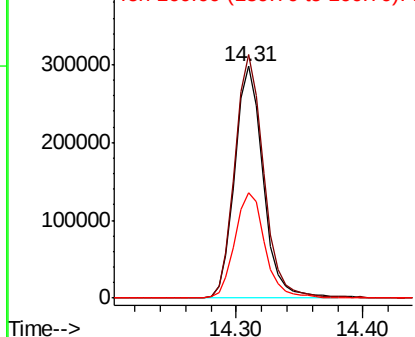


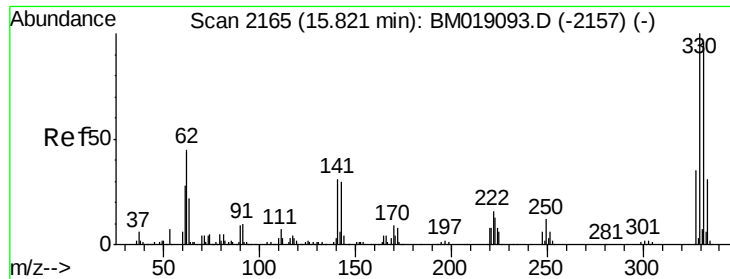
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019168.D
Acq: 14 Mar 2019 14:27

Tgt Ion: 164 Resp: 460655
Ion Ratio Lower Upper
164 100
162 105.2 83.5 125.3
160 45.4 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BM019093.D (-1902) (-)
Ion 162.00 (161.70 to 162.70): BM019093.D (-1902) (-)
Ion 160.00 (159.70 to 160.70): BM019093.D (-1902) (-)

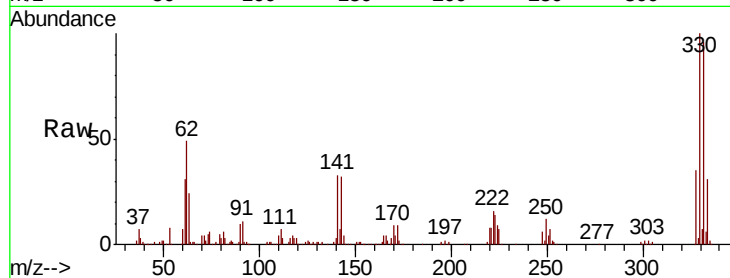




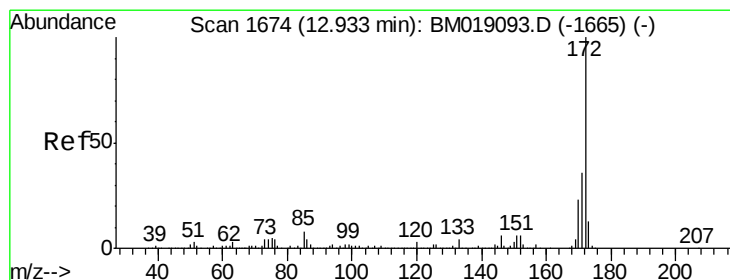
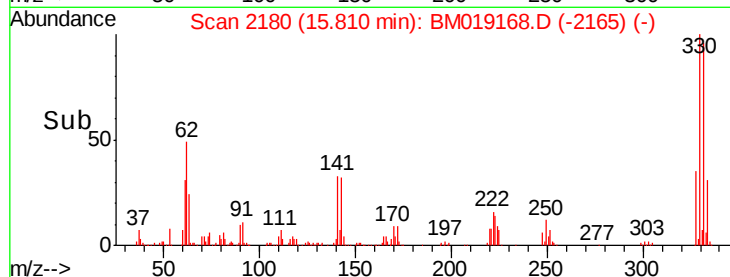
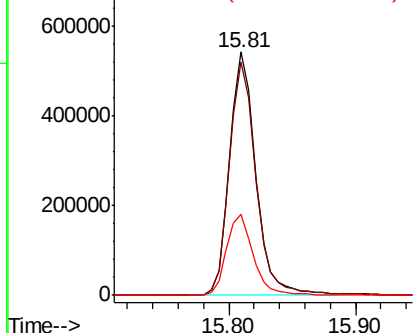
#42
 2,4,6-Tribromophenol
 Concen: 114.271 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019168.D
 Acq: 14 Mar 2019 14:27

Instrument :
 BNA_M
 ClientSampleId :
 PB117903BL

Tot Ion:330 Resp: 777202
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 34.1 27.0 40.4

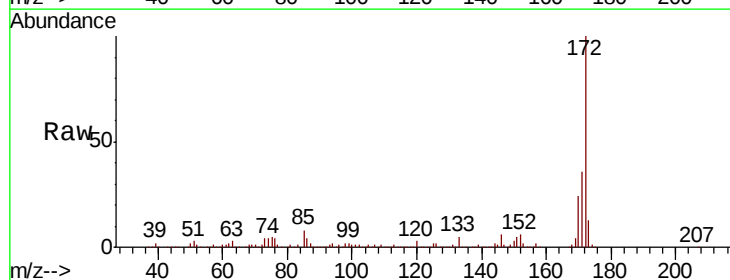


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

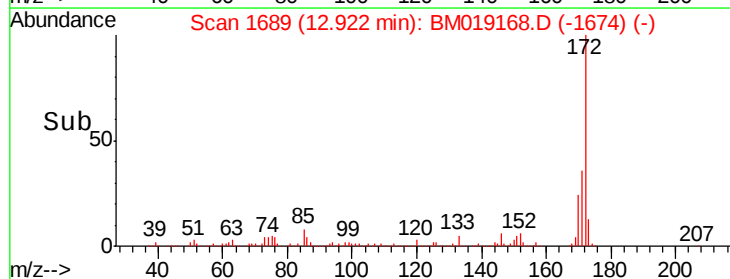
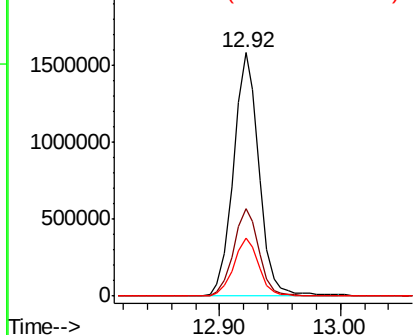


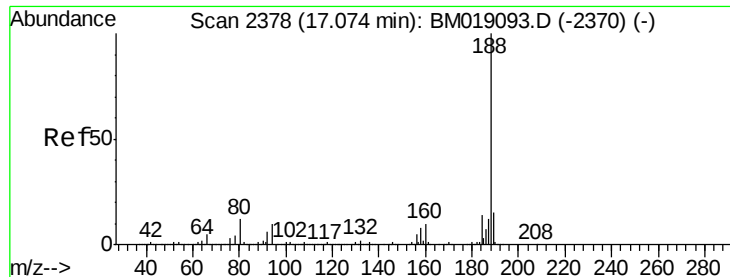
#45
 2-Fluorobiphenyl
 Concen: 66.024 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019168.D
 Acq: 14 Mar 2019 14:27

Tgt Ion:172 Resp: 2338191
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 23.6 18.6 28.0



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

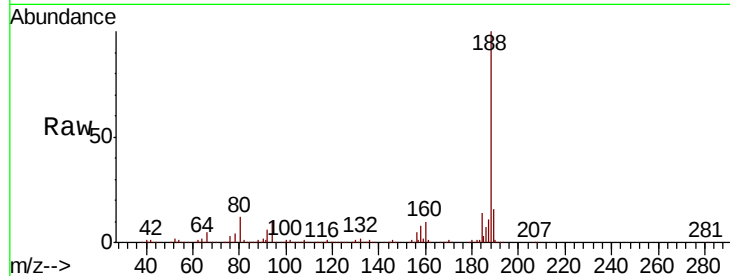




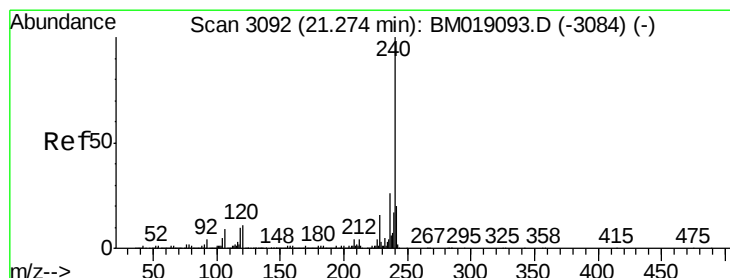
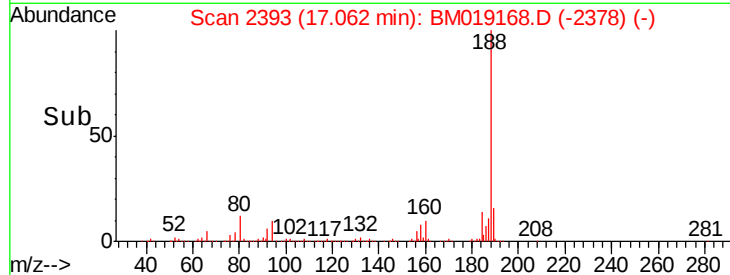
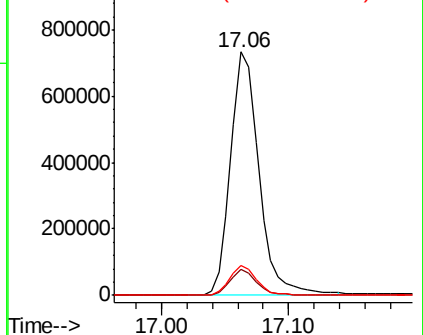
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019168.D
Acq: 14 Mar 2019 14:27

Instrument :
BNA_M
ClientSampleId :
PB117903BL

Tot Ion:188 Resp: 1145273
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 12.2 9.7 14.5

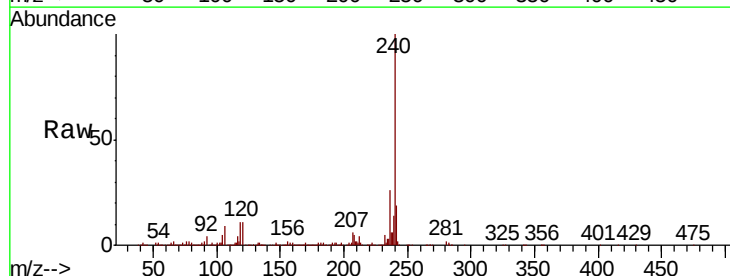


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

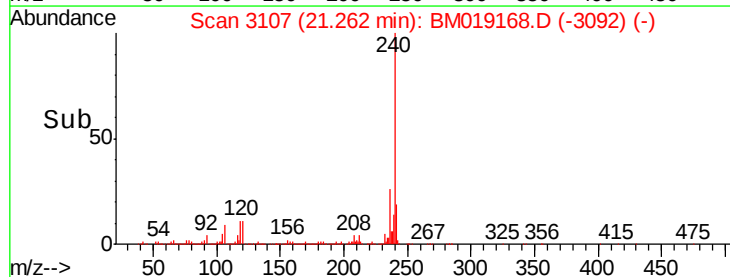
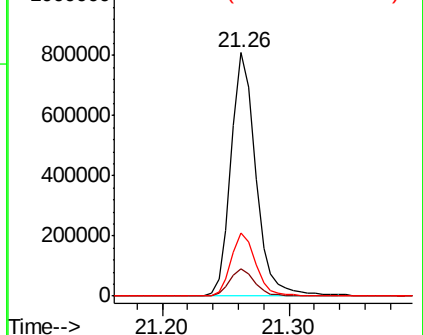


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019168.D
Acq: 14 Mar 2019 14:27

Tgt Ion:240 Resp: 1098398
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.9 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

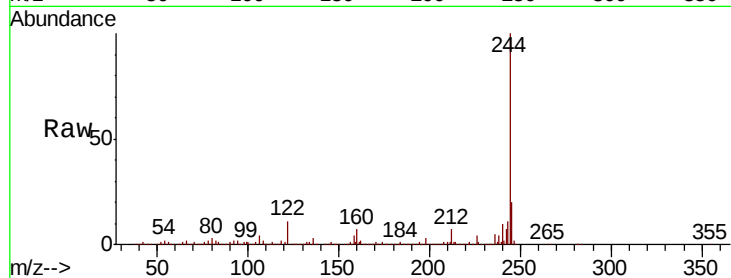




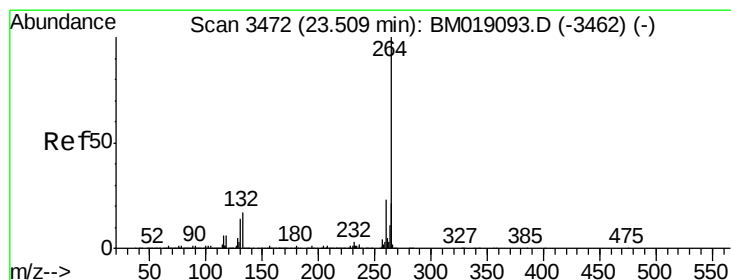
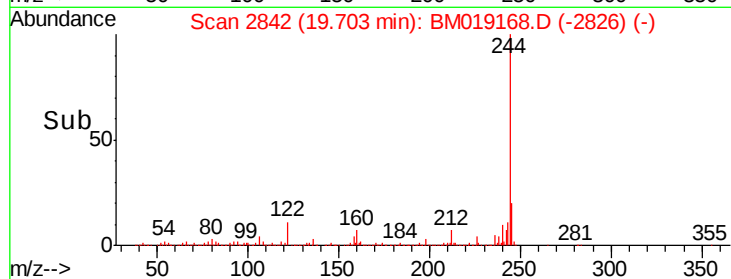
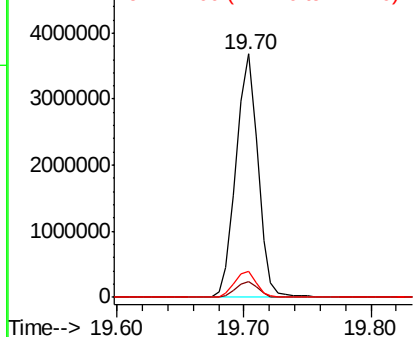
#79
 Terphenyl-d14
 Concen: 79.436 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019168.D
 Acq: 14 Mar 2019 14:27

Instrument :
 BNA_M
 ClientSampleId :
 PB117903BL

Tot Ion:244 Resp: 4395124
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.8 9.4 14.2

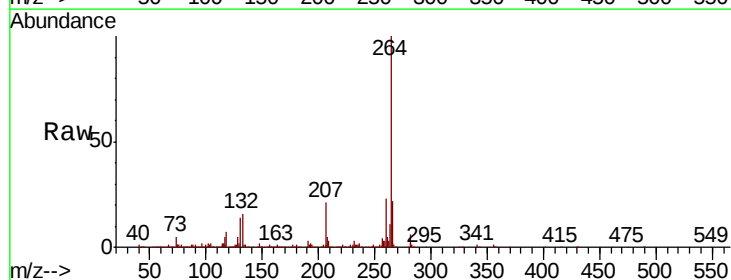


Abundance Ion 244.00 (243.70 to 244.70): E
 5000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3487
 Delta R.T. -0.01 min
 Lab File: BM019168.D
 Acq: 14 Mar 2019 14:27

Tgt Ion:264 Resp: 951617
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 600000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

