

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019209.D
 Acq On : 16 Mar 2019 05:02
 Operator : JU/SJ
 Sample : K1905-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200050

Quant Time: Mar 16 06:30:48 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	200550	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	835672	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	548406	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1228309	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1009486	20.00	ng	-0.02
87) Perylene-d12	23.49	264	896299	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1547592	124.97	ng	0.00
7) Phenol-d6	6.83	99	1957260	108.05	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1738266	98.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1226014	151.42	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3902260	92.56	ng	-0.01
79) Terphenyl-d14	19.70	244	6753201	132.81	ng	-0.01

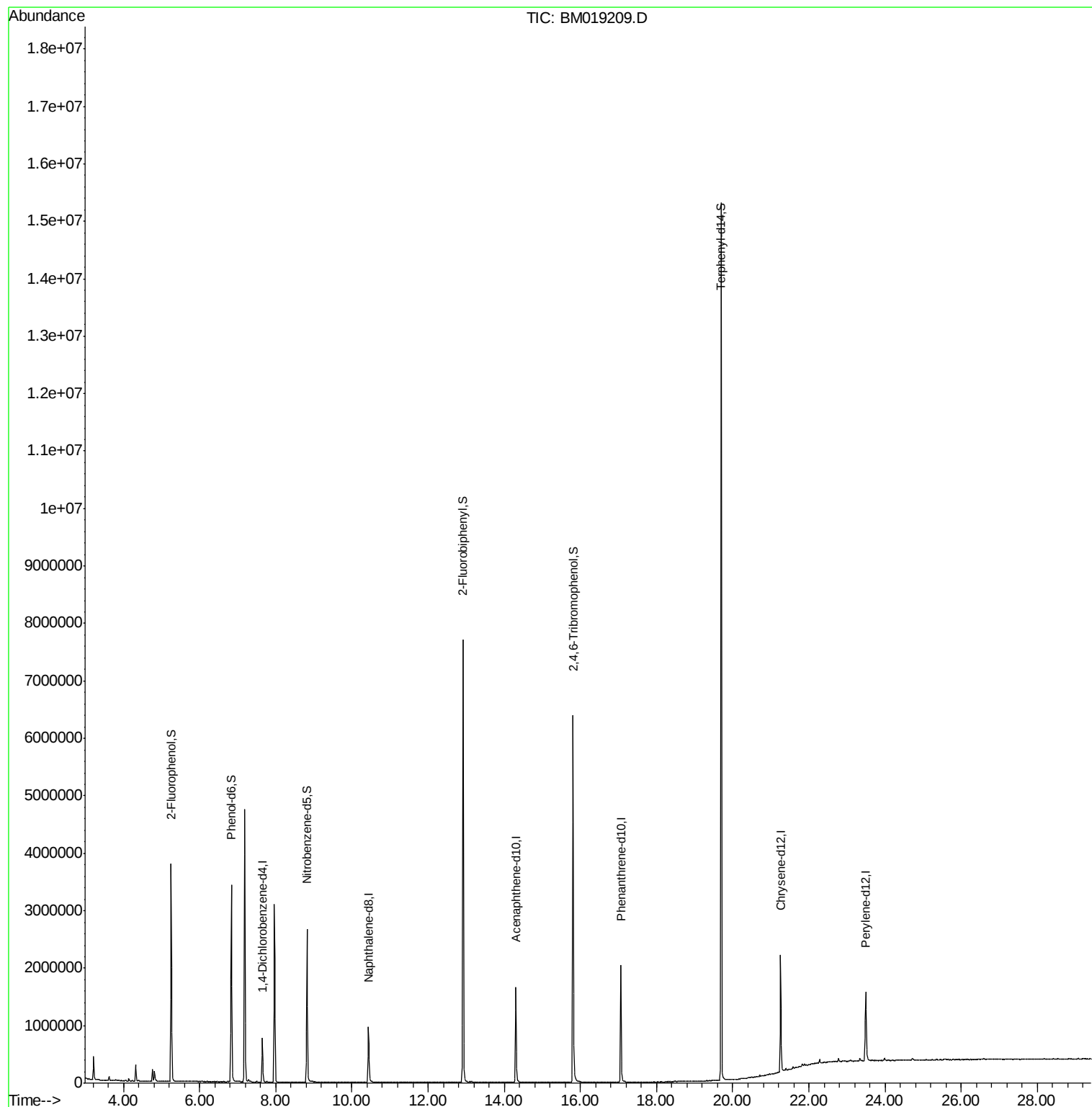
Target Compounds Qvalue

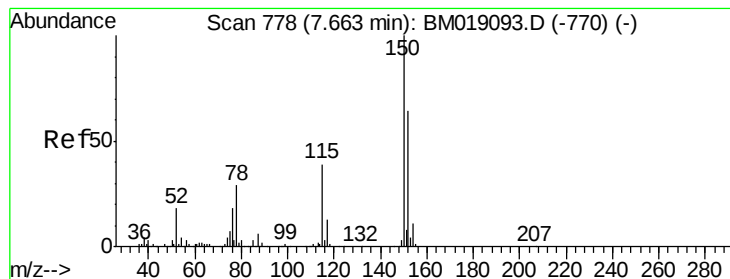
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019209.D
Acq On : 16 Mar 2019 05:02
Operator : JU/SJ
Sample : K1905-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200050

Quant Time: Mar 16 06:30:48 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



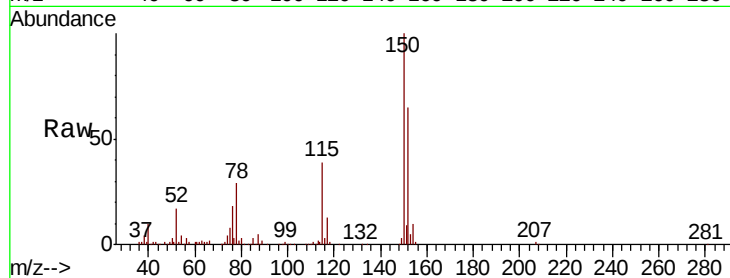


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019209.D
Acq: 16 Mar 2019 05:02

Instrument :
BNA_M
ClientSampleId :
RBR-200050

Tot Ion	152	Resp	200550
Ion Ratio	Lower	Upper	
152	100		
150	154.8	125.3	187.9
115	60.3	49.4	74.0

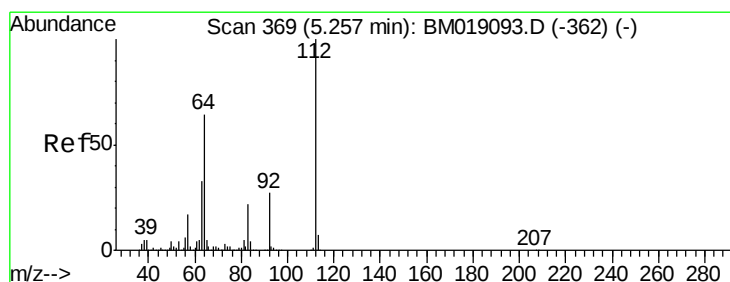
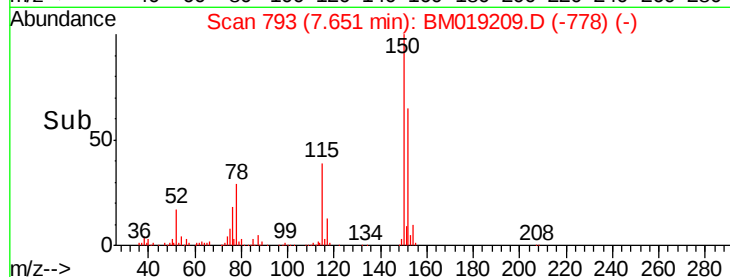
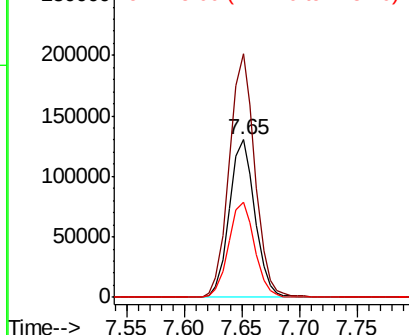


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

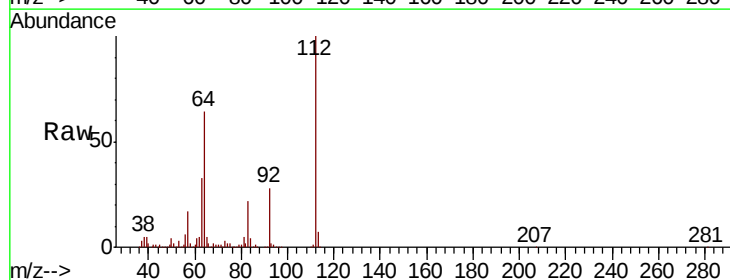
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.971 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019209.D
Acq: 16 Mar 2019 05:02

Tgt Ion	112	Resp	1547592
Ion Ratio	Lower	Upper	
112	100		
64	64.2	51.4	77.0
63	32.5	26.6	40.0

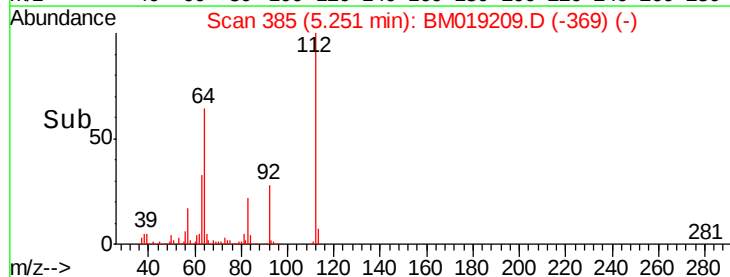
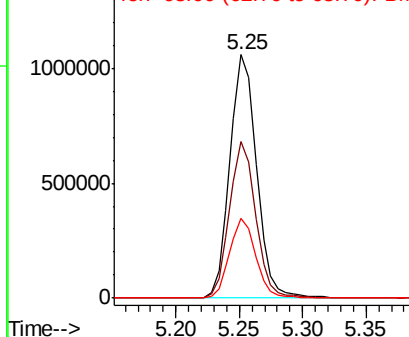


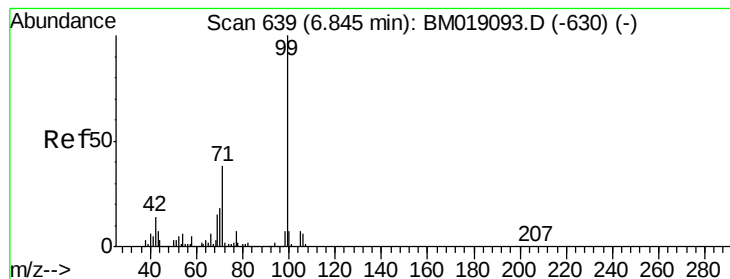
Abundance

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: 108.055 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019209.D

Acq: 16 Mar 2019 05:02

Instrument :

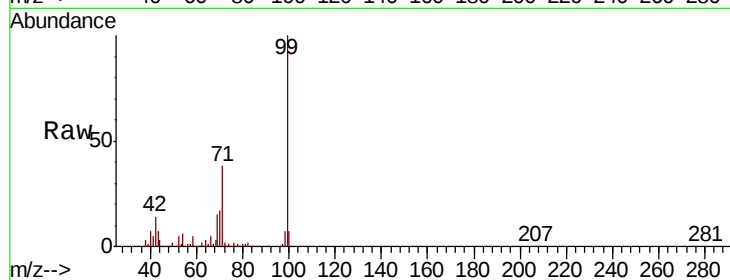
BNA_M

ClientSampleId :

RBR-200050

Tot Ion: 99 Resp: 1957260

Ion	Ratio	Lower	Upper
99	100		
42	14.0	10.9	16.3
71	38.2	30.3	45.5

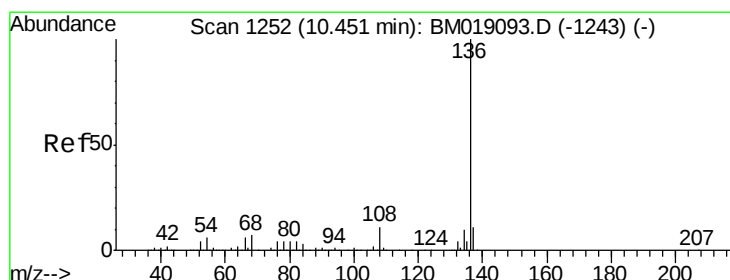
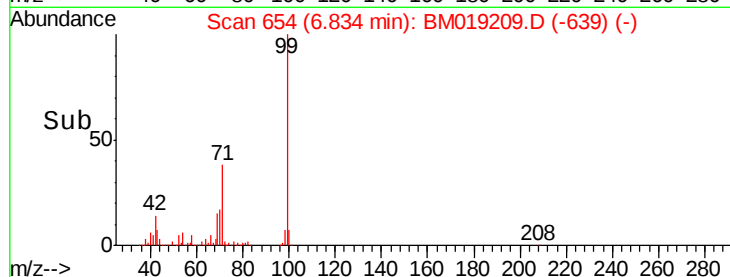
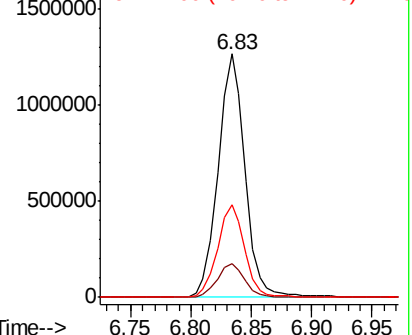


Abundance

Ion 99.00 (98.70 to 99.70): BM019209.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019209.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019209.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

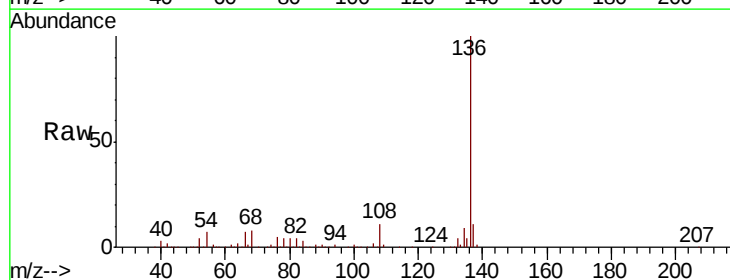
Delta R.T. -0.02 min

Lab File: BM019209.D

Acq: 16 Mar 2019 05:02

Tgt Ion: 136 Resp: 835672

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	5.2	7.8
68	7.7	5.8	8.8



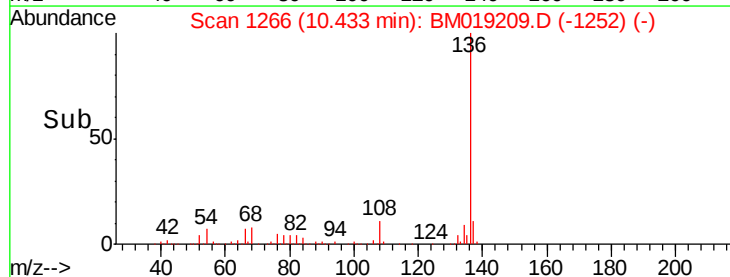
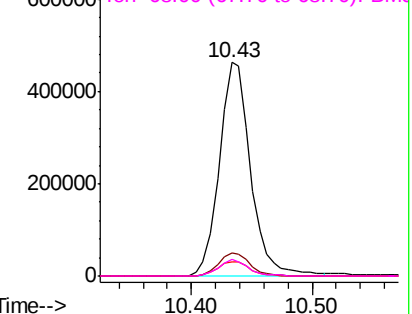
Abundance

Ion 136.00 (135.70 to 136.70): BM019209.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019209.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019209.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM019209.D (-1252) (-)

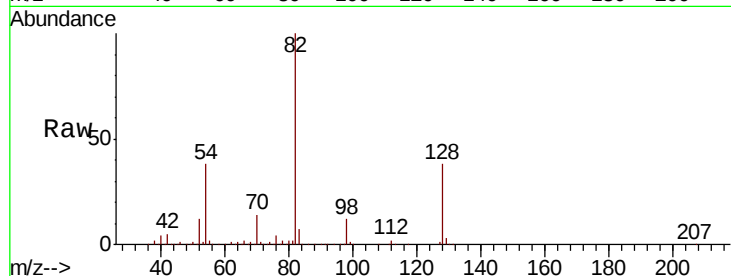




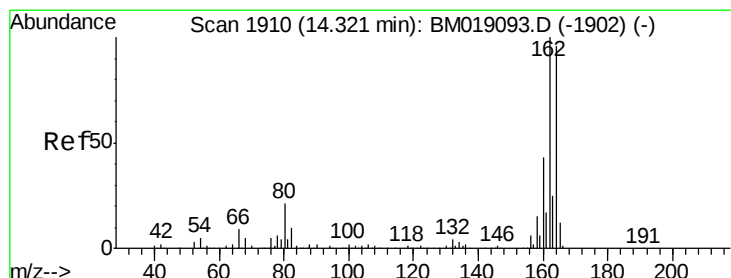
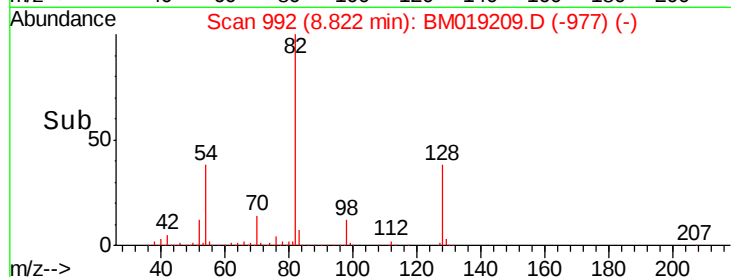
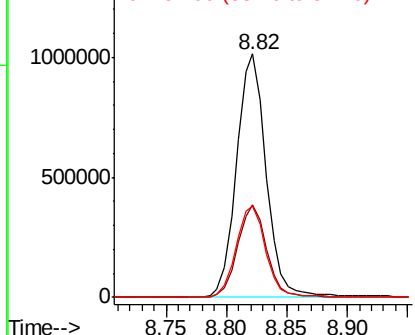
#23
Nitrobenzene-d5
Concen: 98.326 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019209.D
Acq: 16 Mar 2019 05:02

Instrument :
BNA_M
ClientSampled :
RBR-200050

Tot Ion: 82 Resp: 1738266
Ion Ratio Lower Upper
82 100
128 37.9 29.4 44.2
54 37.7 29.9 44.9

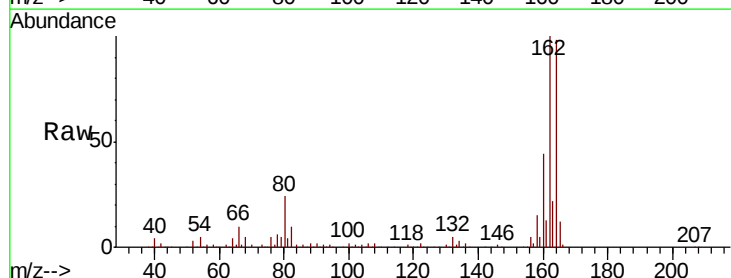


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)
Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)
Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)

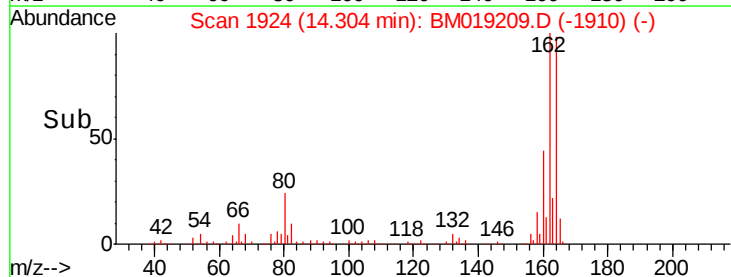
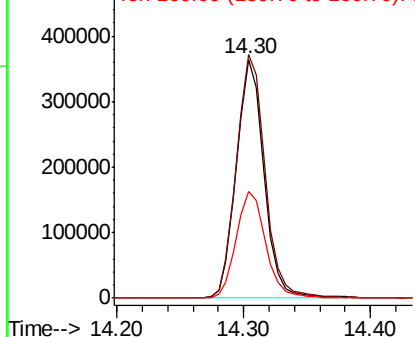


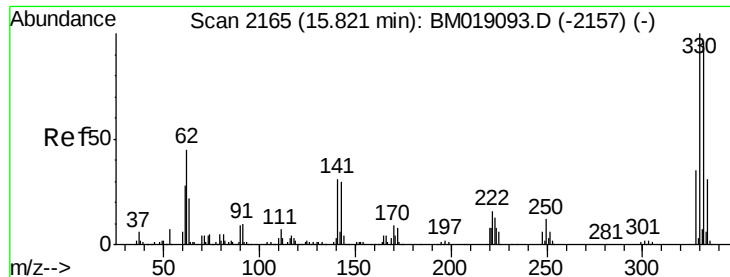
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019209.D
Acq: 16 Mar 2019 05:02

Tgt Ion:164 Resp: 548406
Ion Ratio Lower Upper
164 100
162 102.0 83.5 125.3
160 44.7 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) (-)

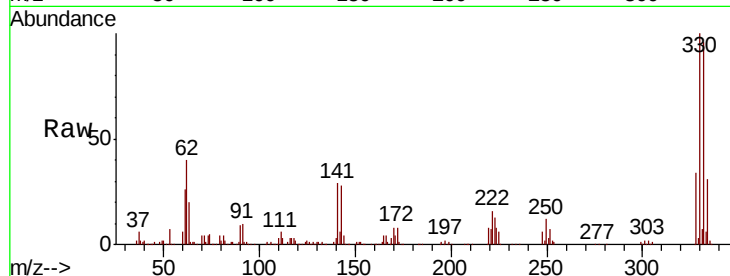




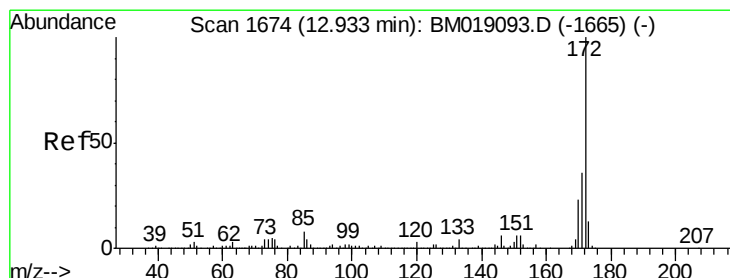
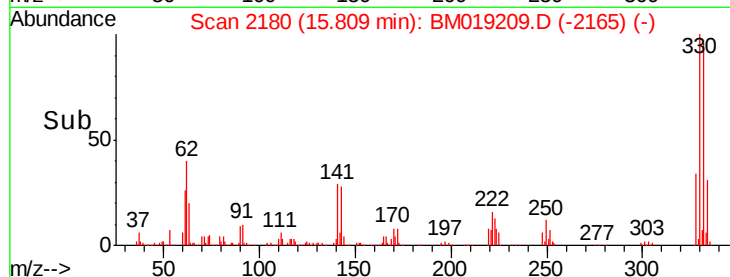
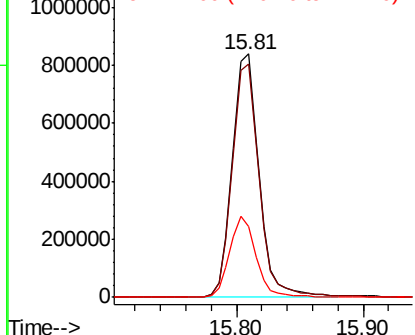
#42
 2,4,6-Tribromophenol
 Concen: 151.415 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019209.D
 Acq: 16 Mar 2019 05:02

Instrument :
 BNA_M
 ClientSampled :
 RBR-200050

Tot Ion:330 Resp: 1226014
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 33.0 27.0 40.4

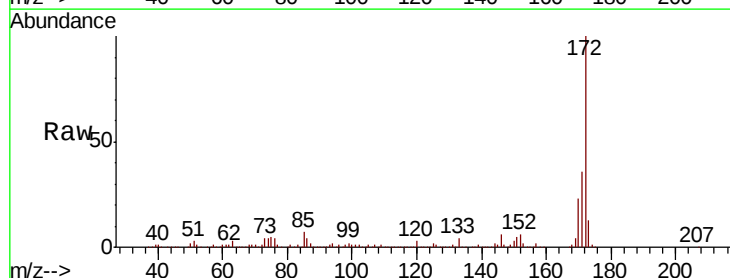


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

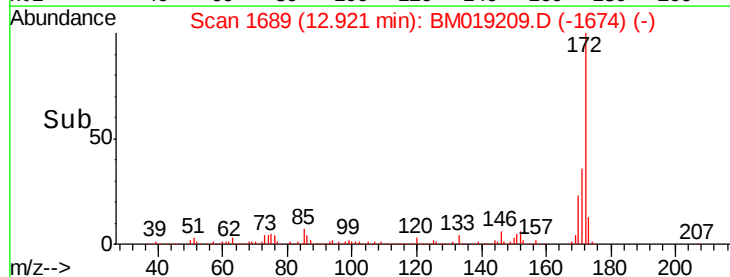
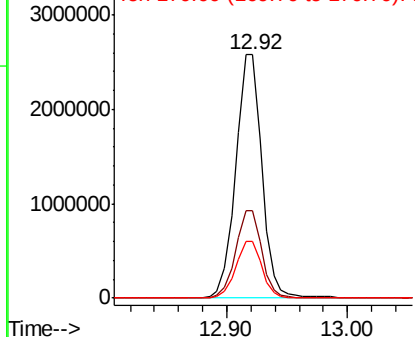


#45
 2-Fluorobiphenyl
 Concen: 92.557 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019209.D
 Acq: 16 Mar 2019 05:02

Tgt Ion:172 Resp: 3902260
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 23.3 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: BM019209.D

Acq: 16 Mar 2019 05:02

Instrument :

BNA_M

ClientSampleId :

RBR-200050

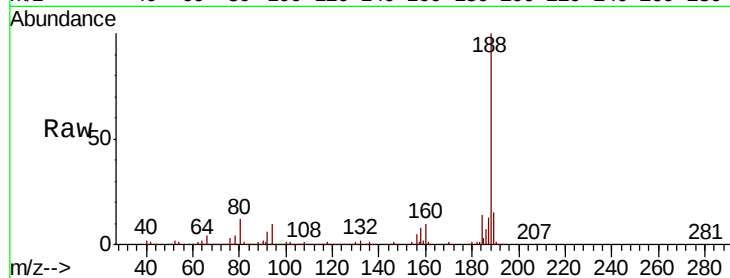
Tot Ion:188 Resp: 1228309

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

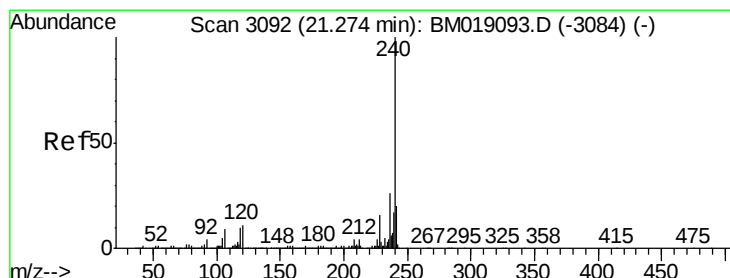
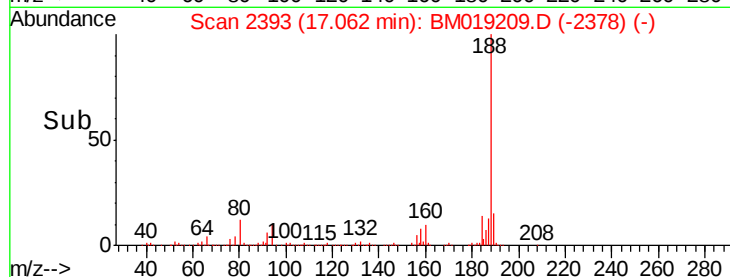
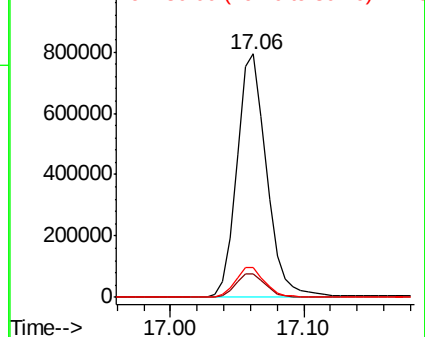
80 12.2 9.7 14.5



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# 3106

Delta R.T. -0.02 min

Lab File: BM019209.D

Acq: 16 Mar 2019 05:02

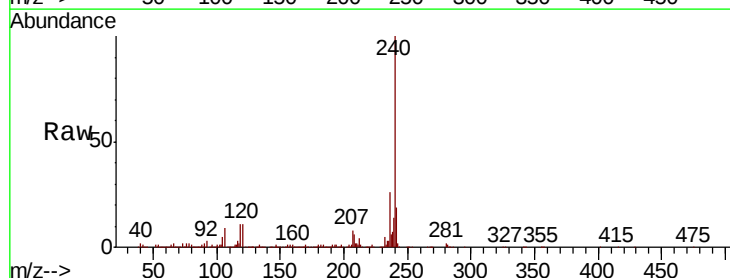
Tgt Ion:240 Resp: 1009486

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

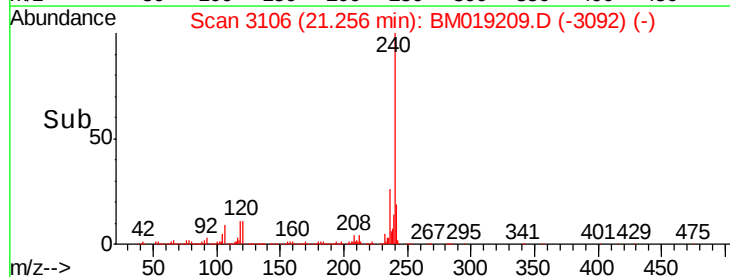
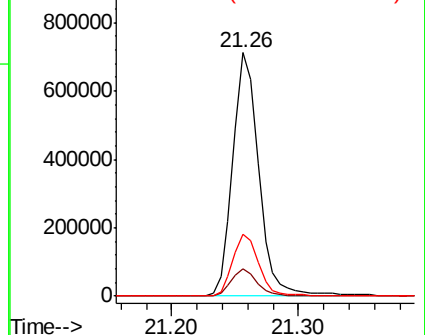
236 25.5 21.0 31.4



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: 132.806 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM019209.D

Acq: 16 Mar 2019 05:02

Instrument :

BNA_M

ClientSampleId :

RBR-200050

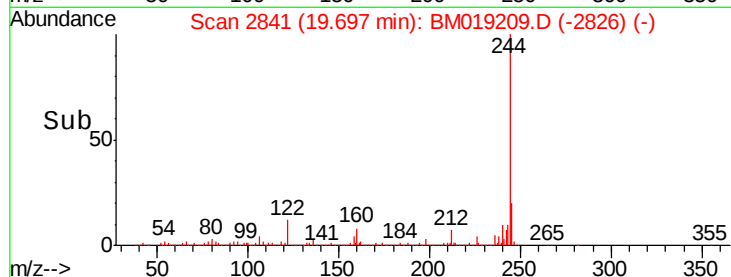
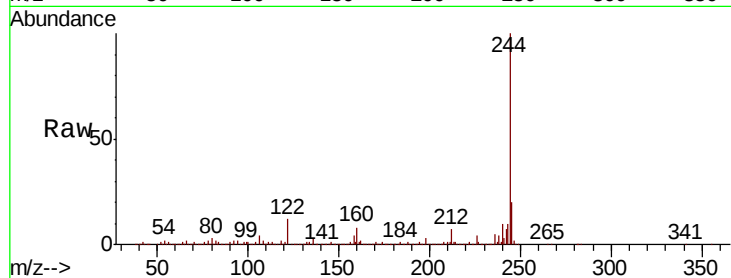
Tot Ion:244 Resp: 6753201

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

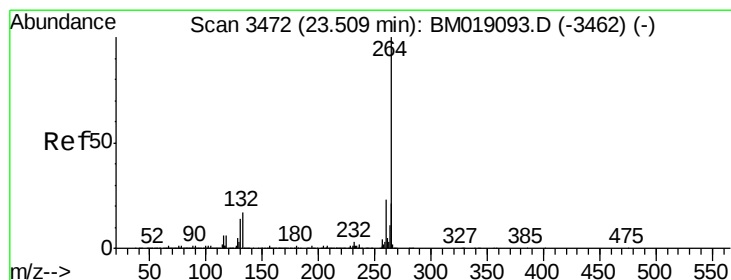
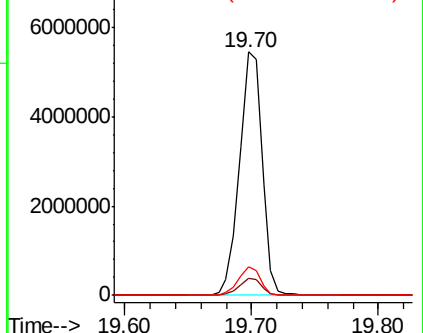
122 11.8 9.4 14.2



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: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019209.D

Acq: 16 Mar 2019 05:02

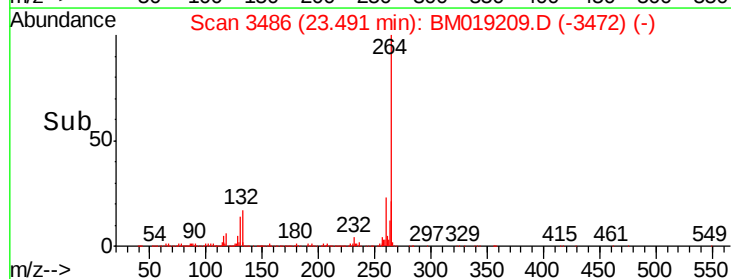
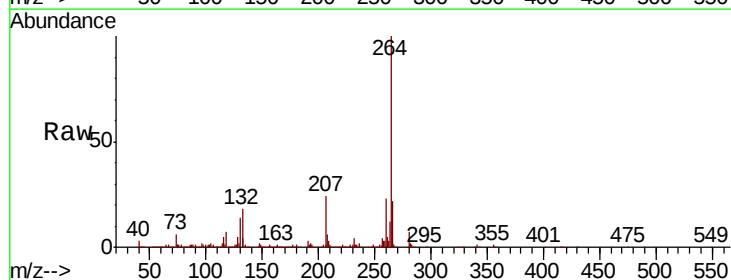
Tgt Ion:264 Resp: 896299

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.9 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

