

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019204.D
 Acq On : 16 Mar 2019 02:01
 Operator : JU/SJ
 Sample : K1911-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR200036

Quant Time: Mar 16 03:47:52 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	178943	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	755616	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	494879	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1107564	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	920349	20.00	ng	-0.02
87) Perylene-d12	23.49	264	809247	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1429912	129.41	ng	0.00
7) Phenol-d6	6.83	99	1796049	111.13	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1589951	99.46	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1133632	155.15	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3595134	94.50	ng	-0.01
79) Terphenyl-d14	19.70	244	6140510	132.45	ng	0.00

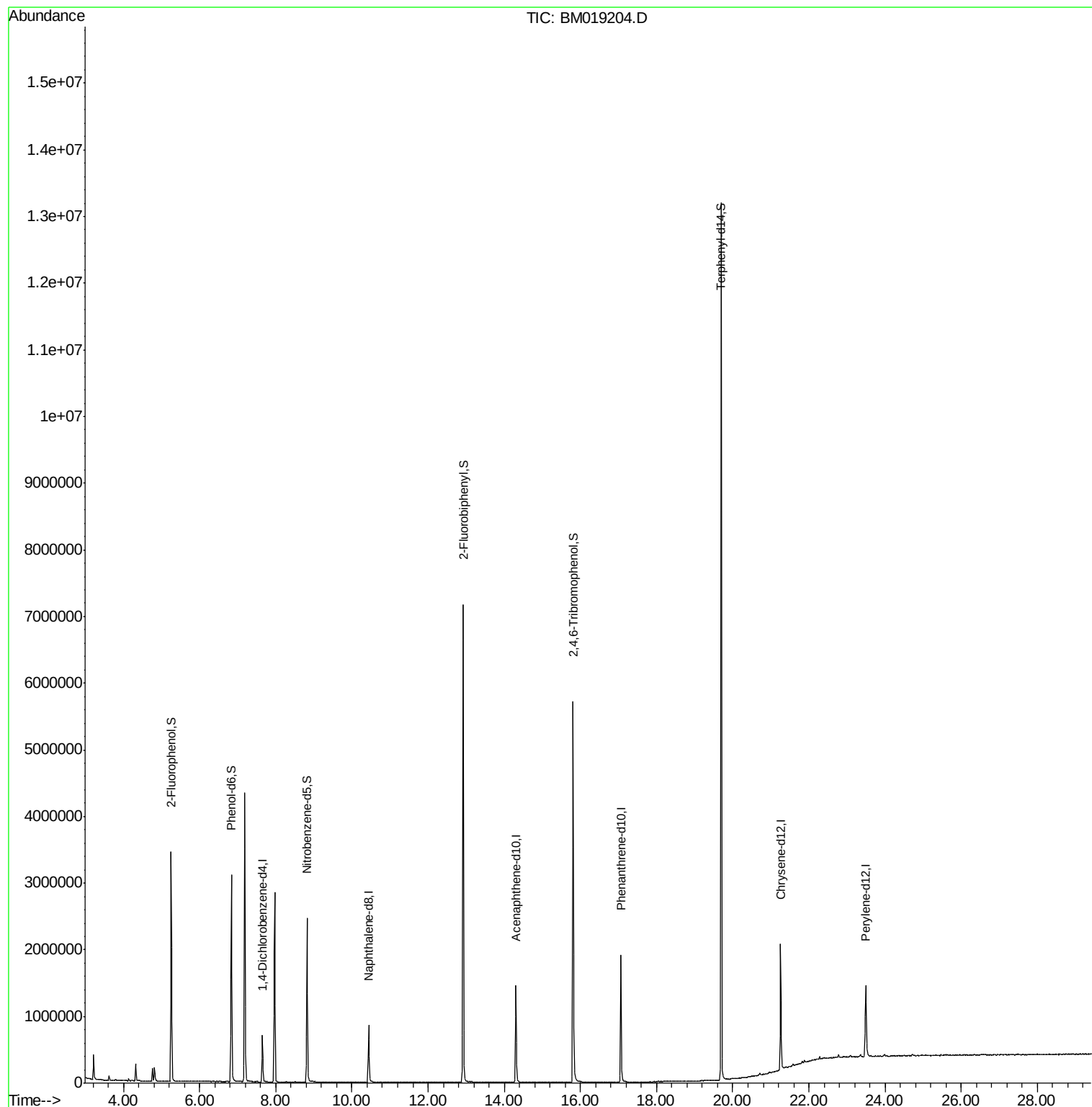
Target Compounds Qvalue

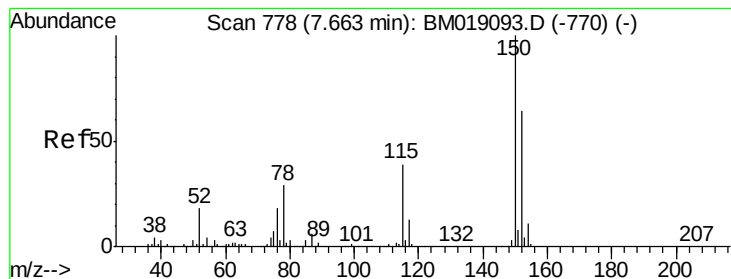
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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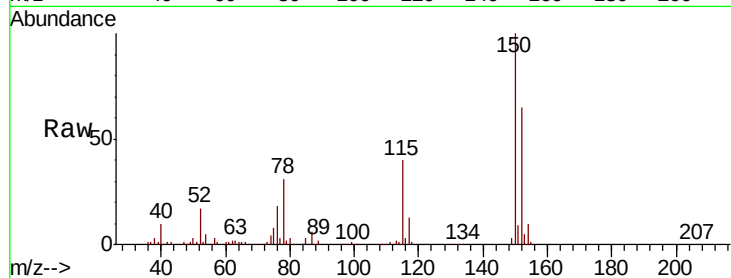


#1

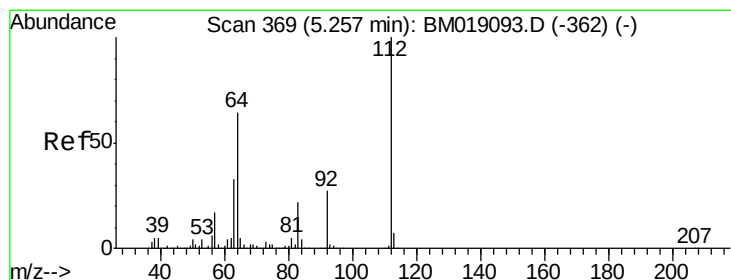
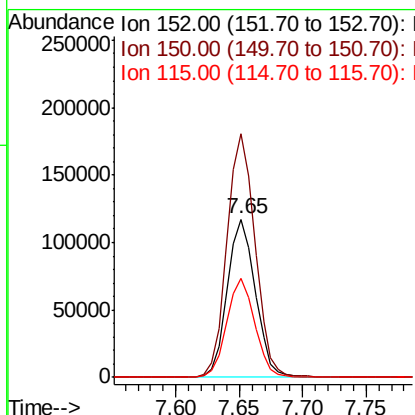
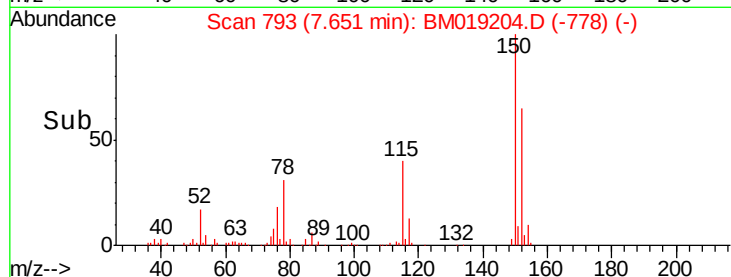
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019204.D
Acq: 16 Mar 2019 02:01

Instrument :
BNA_M
ClientSampleId :
RBR200036

Tot Ion:152 Resp: 178943
Ion Ratio Lower Upper
152 100
150 153.8 125.3 187.9
115 62.2 49.4 74.0



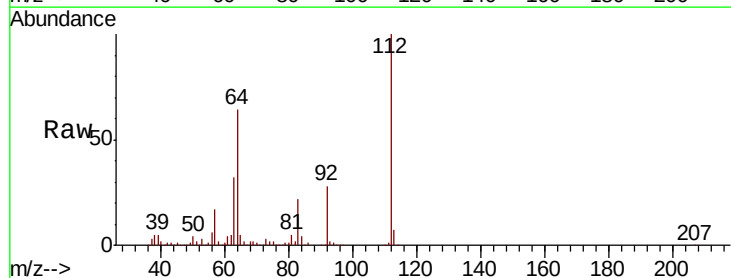
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



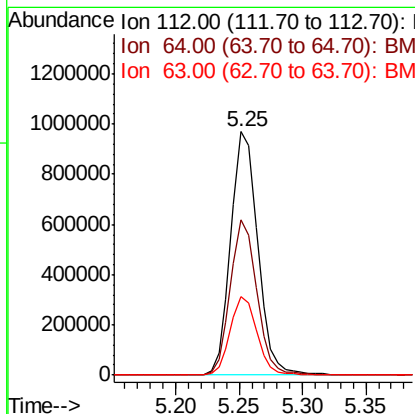
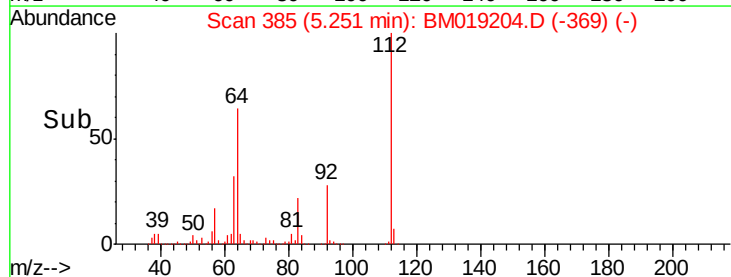
#5

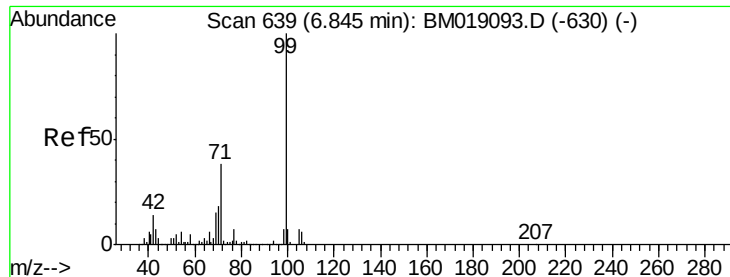
2-Fluorophenol
Concen: 129.411 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019204.D
Acq: 16 Mar 2019 02:01

Tgt Ion:112 Resp: 1429912
Ion Ratio Lower Upper
112 100
64 63.6 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: 111.127 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019204.D

Acq: 16 Mar 2019 02:01

Instrument :

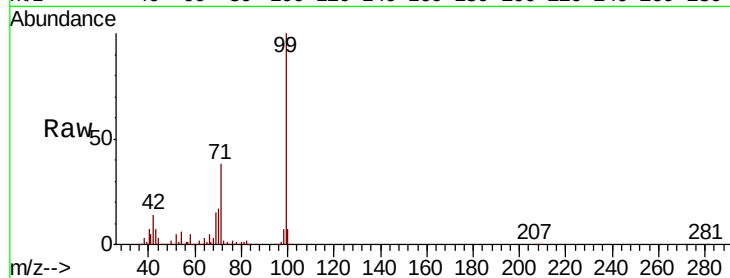
BNA_M

ClientSampleId :

RBR200036

Tot Ion: 99 Resp: 1796049

Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.9	16.3
71	38.4	30.3	45.5

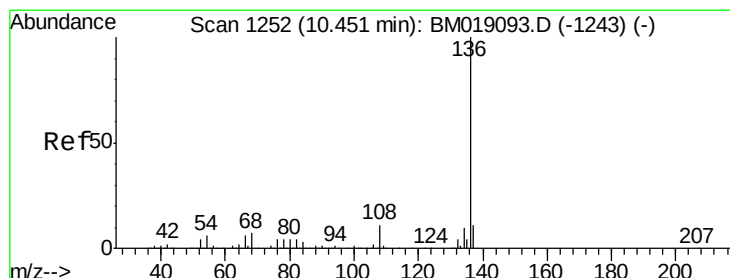
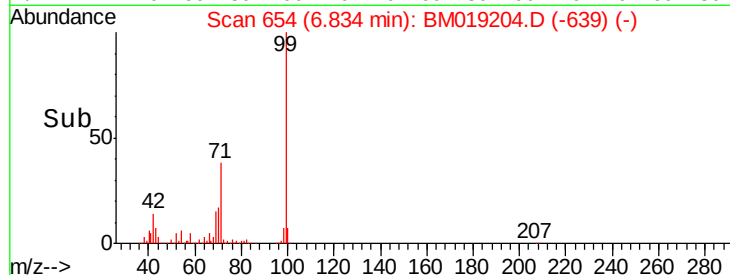
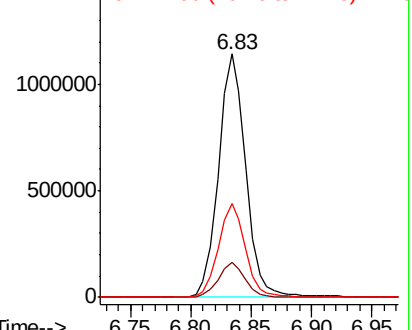


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

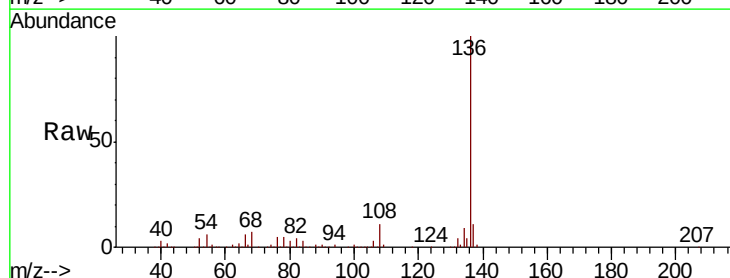
Delta R.T. -0.01 min

Lab File: BM019204.D

Acq: 16 Mar 2019 02:01

Tgt Ion: 136 Resp: 755616

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.4	5.2	7.8
68	7.1	5.8	8.8



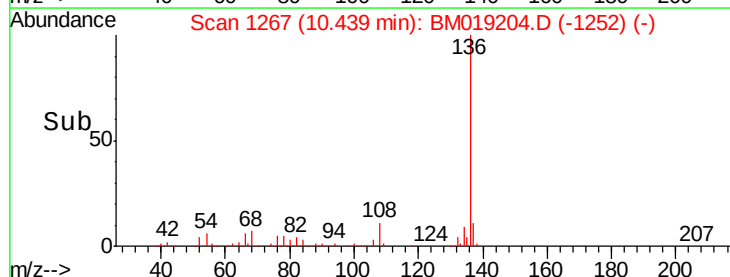
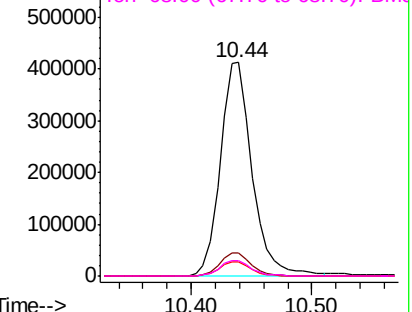
Abundance

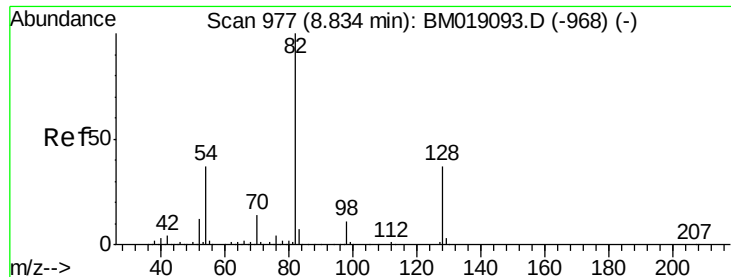
Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

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) (-)

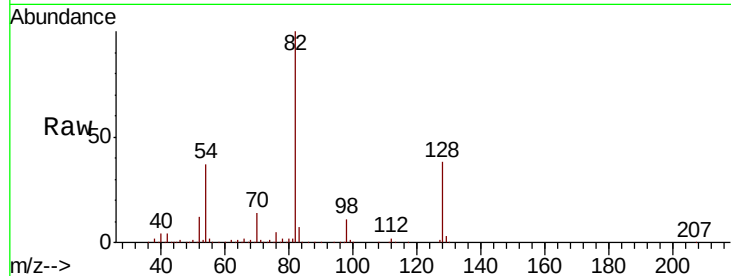




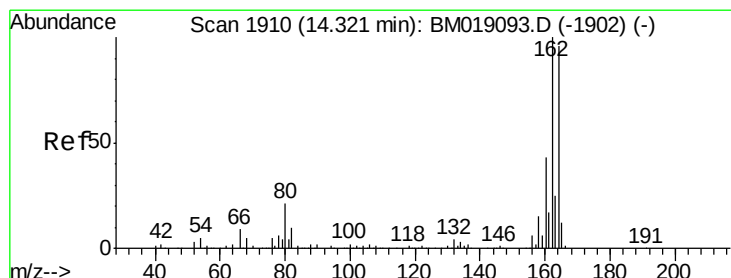
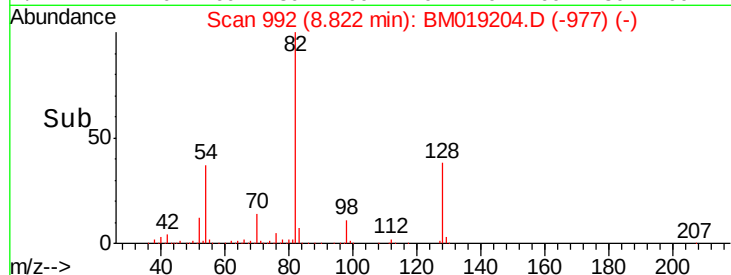
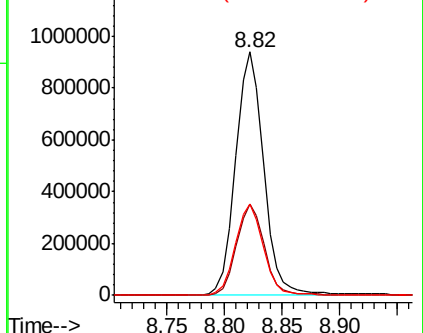
#23
Nitrobenzene-d5
Concen: 99.465 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019204.D
Acq: 16 Mar 2019 02:01

Instrument :
BNA_M
ClientSampleId :
RBR200036

Tot Ion: 82 Resp: 1589951
Ion Ratio Lower Upper
82 100
128 37.7 29.4 44.2
54 37.5 29.9 44.9

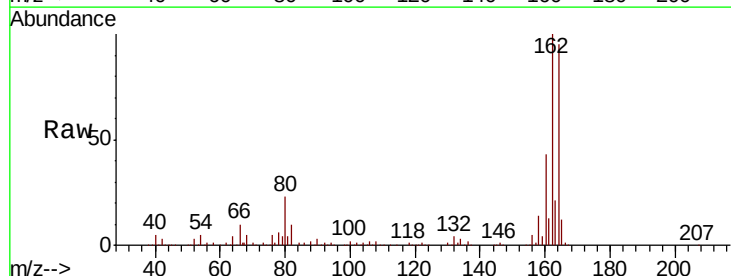


Abundance Ion 82.00 (81.70 to 82.70): BM019204.D (-977) (-)
Ion 128.00 (127.70 to 128.70): BM019204.D (-977) (-)
Ion 54.00 (53.70 to 54.70): BM019204.D (-977) (-)

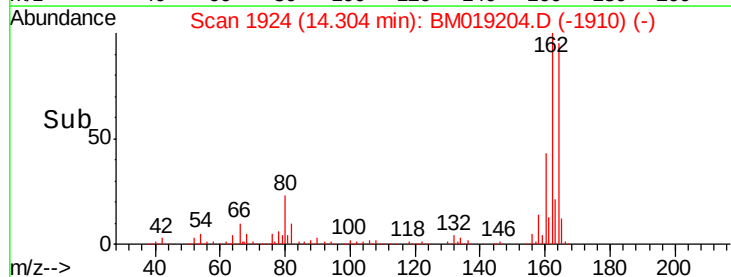
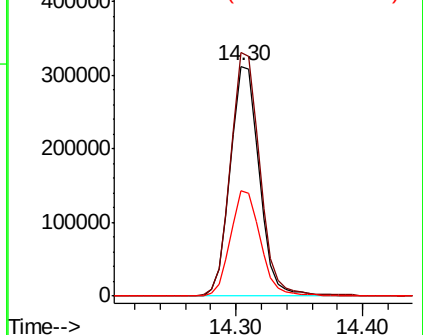


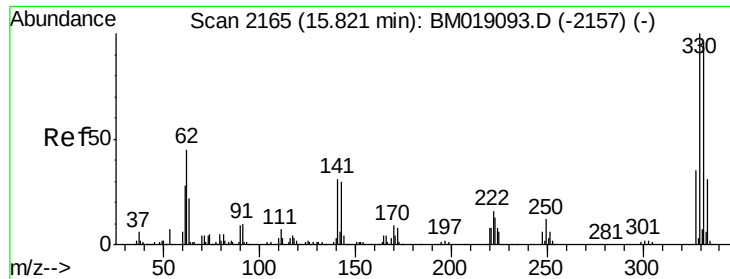
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019204.D
Acq: 16 Mar 2019 02:01

Tgt Ion:164 Resp: 494879
Ion Ratio Lower Upper
164 100
162 105.8 83.5 125.3
160 45.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BM019204.D (-1910) (-)
Ion 162.00 (161.70 to 162.70): BM019204.D (-1910) (-)
Ion 160.00 (159.70 to 160.70): BM019204.D (-1910) (-)

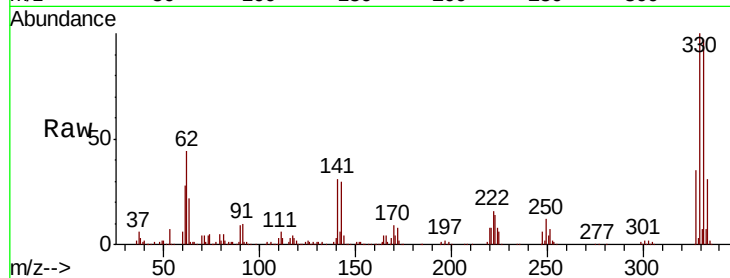




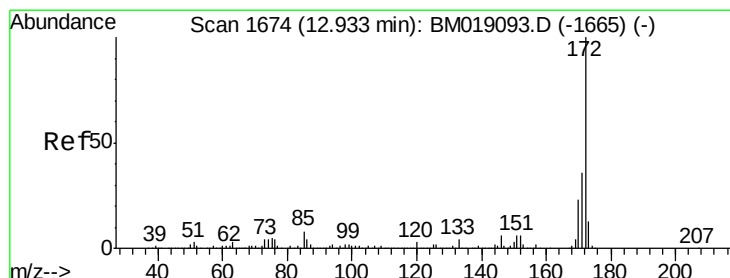
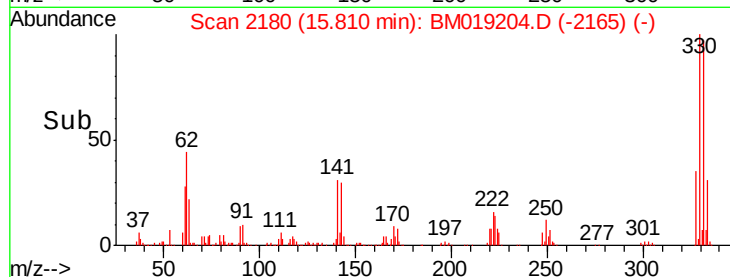
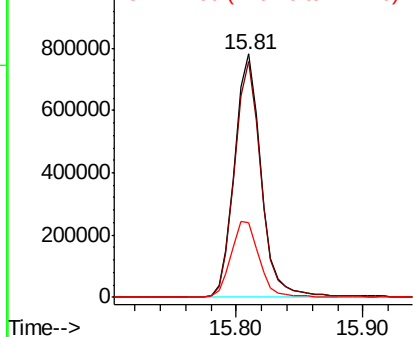
#42
 2,4,6-Tribromophenol
 Concen: 155.149 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019204.D
 Acq: 16 Mar 2019 02:01

Instrument :
 BNA_M
 ClientSampleId :
 RBR200036

Tot Ion:330 Resp: 1133632
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 33.2 27.0 40.4

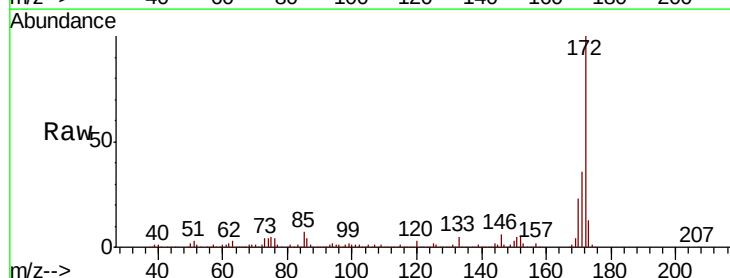


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

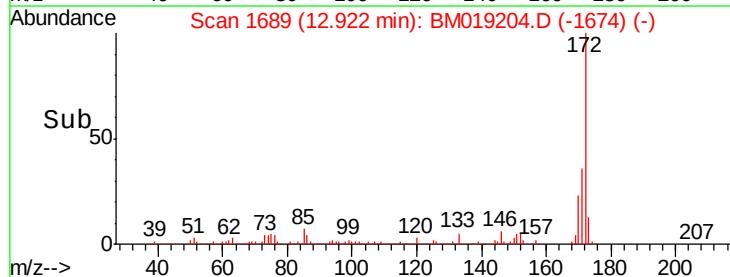
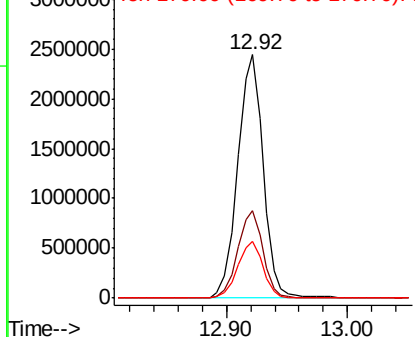


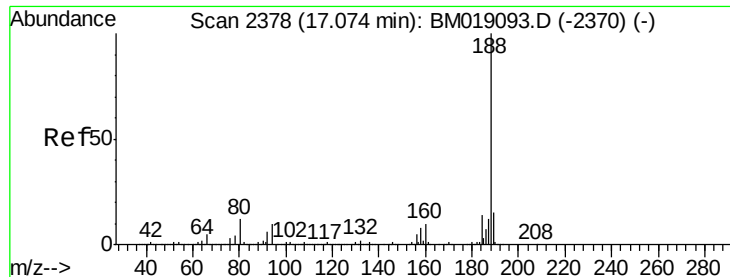
#45
 2-Fluorobiphenyl
 Concen: 94.496 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019204.D
 Acq: 16 Mar 2019 02:01

Tgt Ion:172 Resp: 3595134
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: BM019204.D

Acq: 16 Mar 2019 02:01

Instrument :

BNA_M

ClientSampleId :

RBR200036

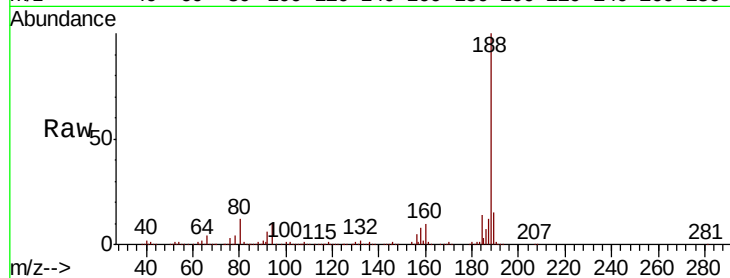
Tot Ion:188 Resp: 1107564

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

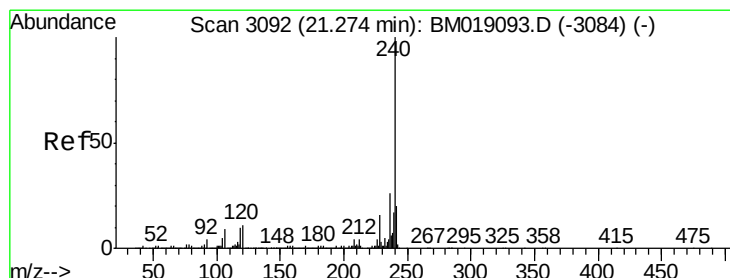
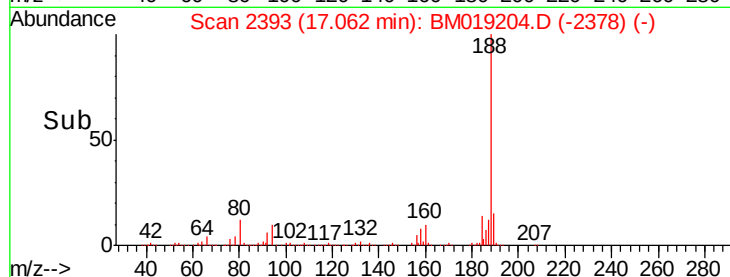
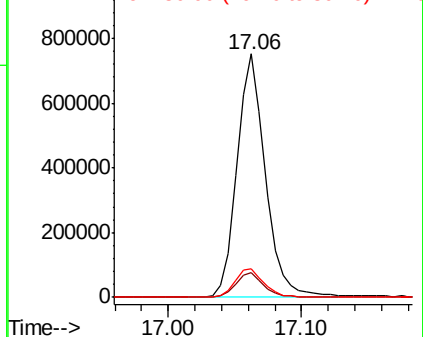
80 11.7 9.7 14.5



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: BM019204.D

Acq: 16 Mar 2019 02:01

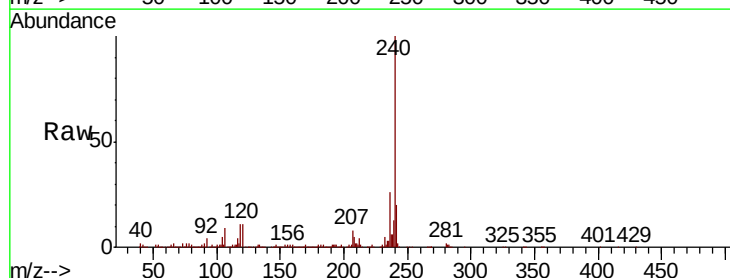
Tgt Ion:240 Resp: 920349

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

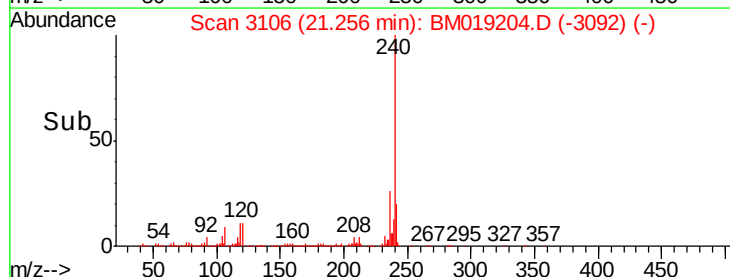
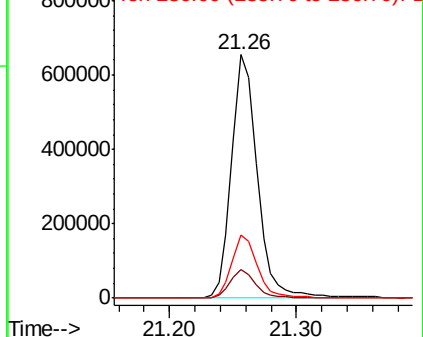
236 25.8 21.0 31.4

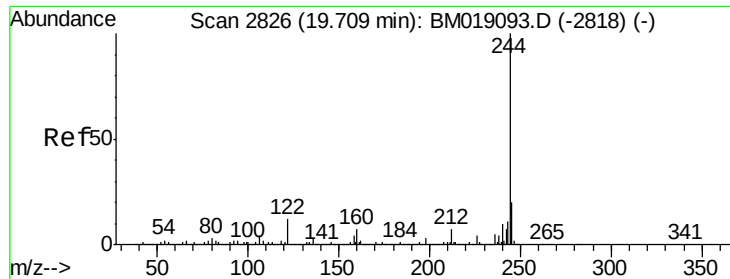


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

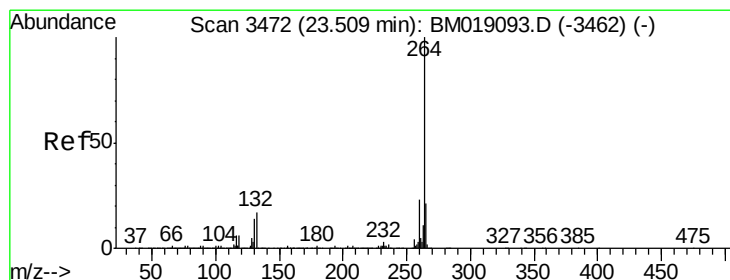
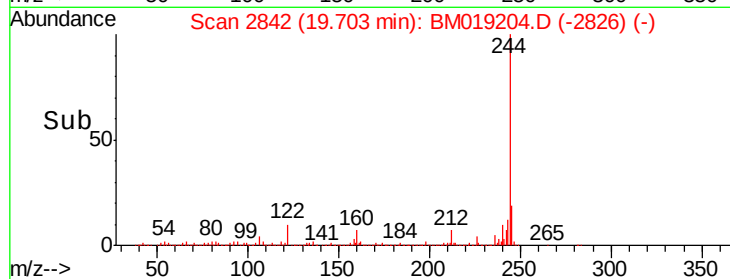
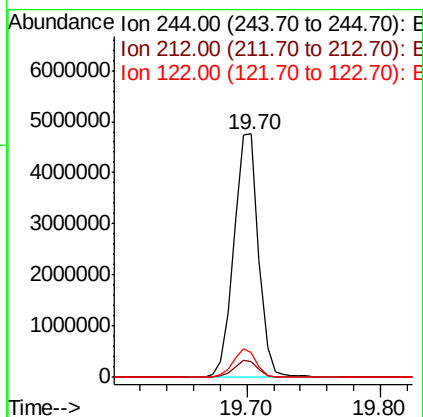
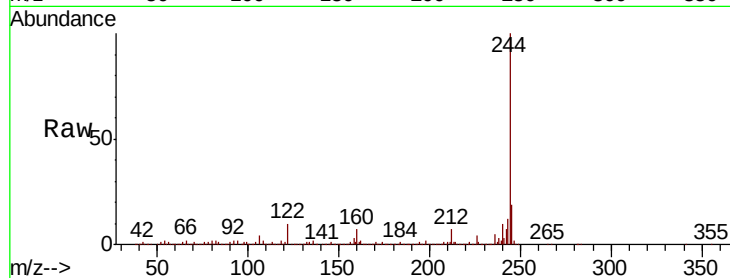




#79
 Terphenyl-d14
 Concen: 132.453 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019204.D
 Acq: 16 Mar 2019 02:01

Instrument :
 BNA_M
 ClientSampleId :
 RBR200036

Tot Ion:244 Resp: 6140510
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.3 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.49 min Scan# 3486
 Delta R.T. -0.02 min
 Lab File: BM019204.D
 Acq: 16 Mar 2019 02:01

Tgt Ion:264 Resp: 809247
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.5 17.3 25.9

