

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019208.D
 Acq On : 16 Mar 2019 04:26
 Operator : JU/SJ
 Sample : K1905-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052

Quant Time: Mar 16 06:30:39 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	222463	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	939028	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	610689	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1369822	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1092756	20.00	ng	-0.02
87) Perylene-d12	23.49	264	983089	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1795329	130.70	ng	0.00
7) Phenol-d6	6.83	99	2267900	112.87	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1966182	98.98	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1383334	153.42	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4412683	93.99	ng	-0.02
79) Terphenyl-d14	19.70	244	7290167	132.44	ng	0.00

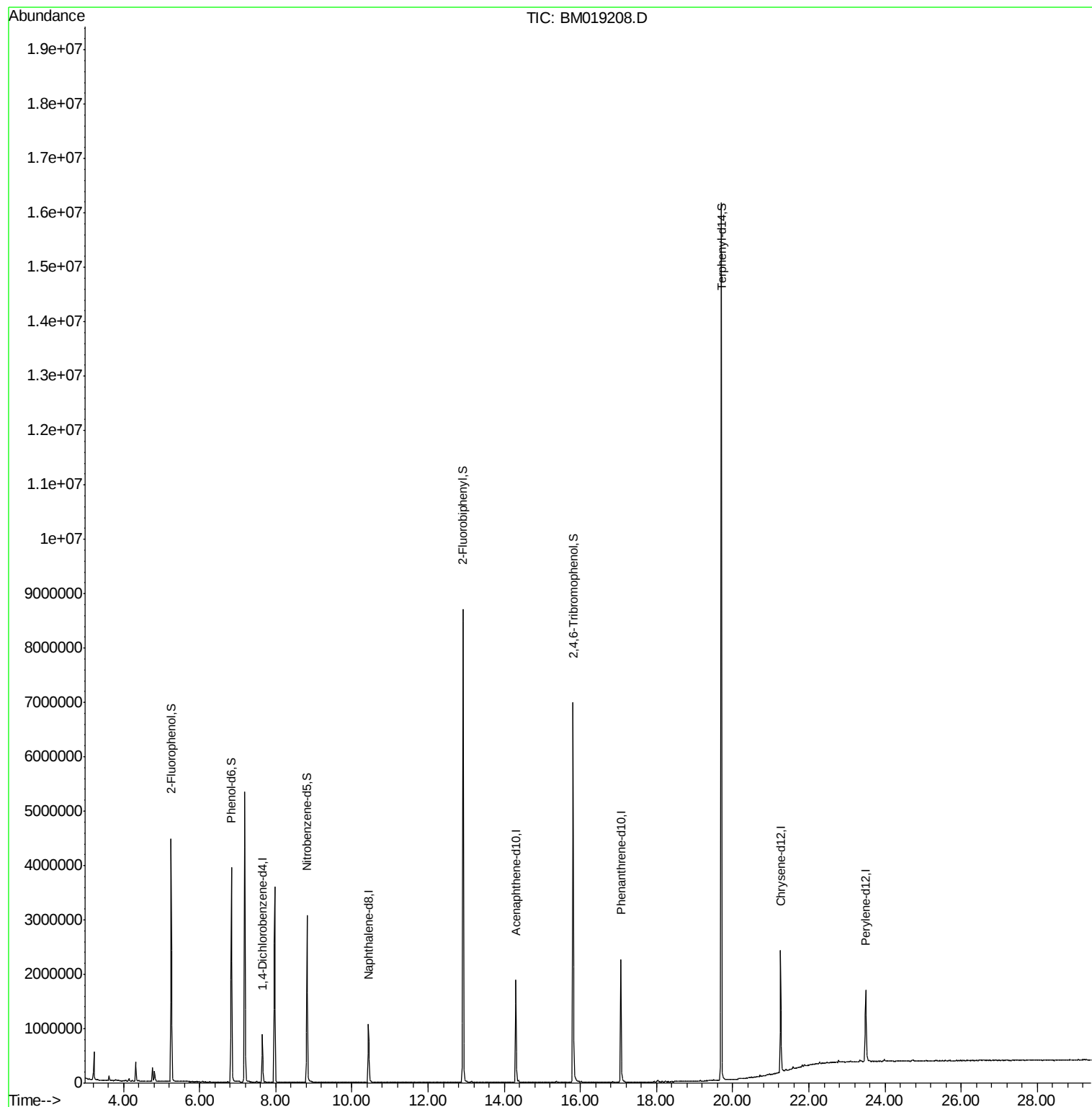
Target Compounds Qvalue

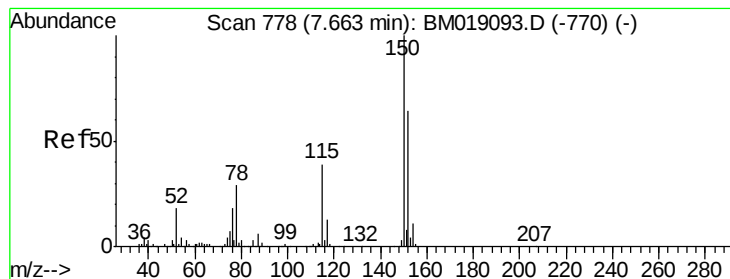
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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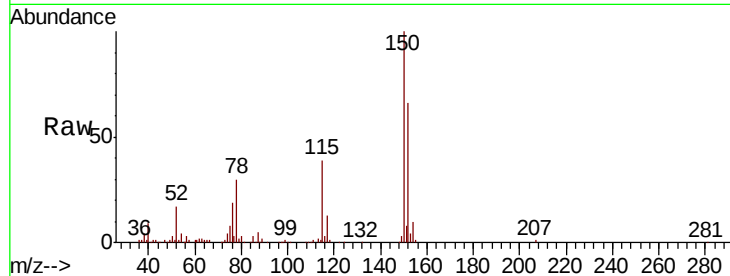


#1

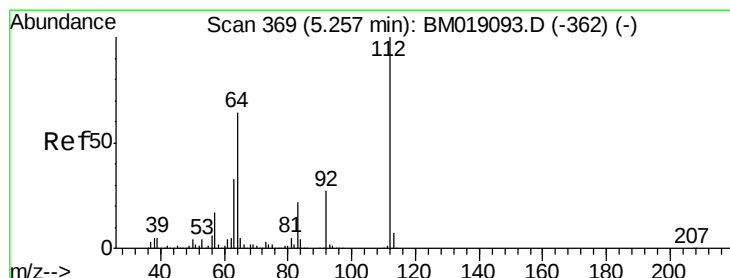
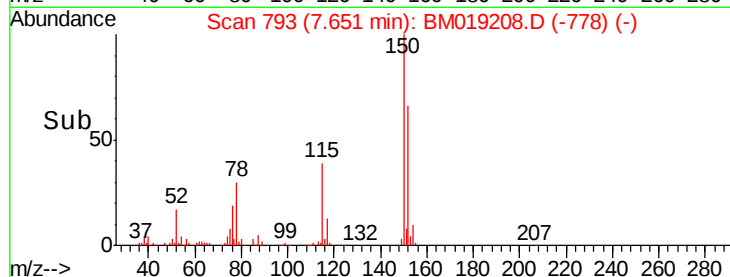
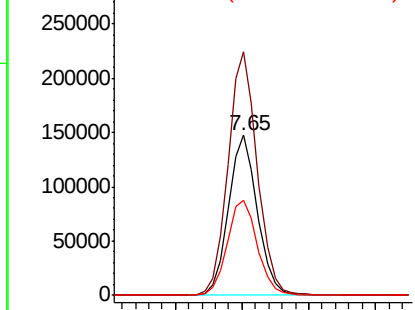
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BM019208.D
 Acq: 16 Mar 2019 04:26

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200052

Tot Ion:152 Resp: 222463
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.3 187.9
 115 59.2 49.4 74.0



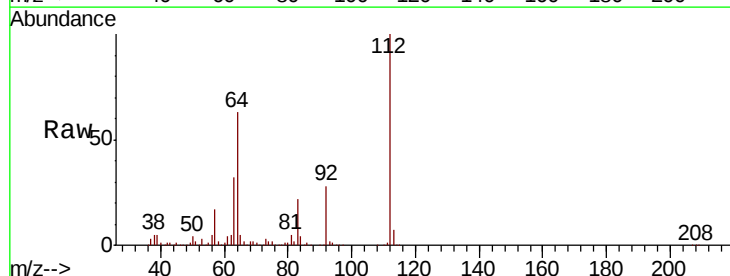
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



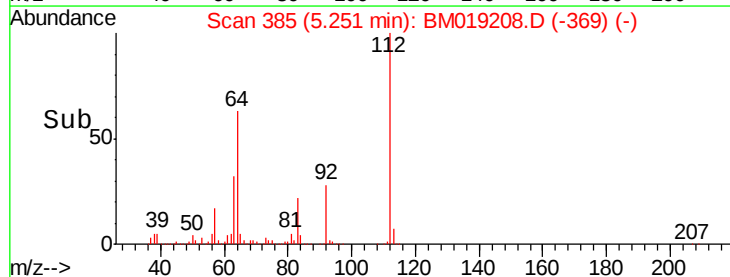
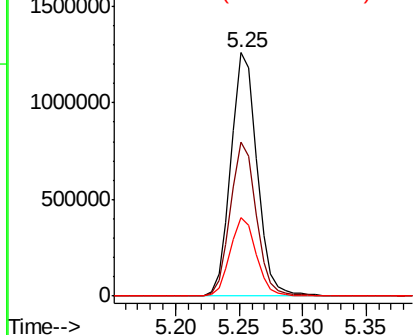
#5

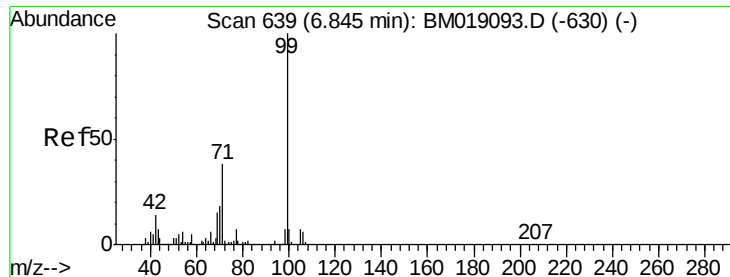
2-Fluorophenol
 Concen: 130.696 ng
 RT: 5.25 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BM019208.D
 Acq: 16 Mar 2019 04:26

Tgt Ion:112 Resp: 1795329
 Ion Ratio Lower Upper
 112 100
 64 63.1 51.4 77.0
 63 32.0 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: 112.871 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019208.D

Acq: 16 Mar 2019 04:26

Instrument :

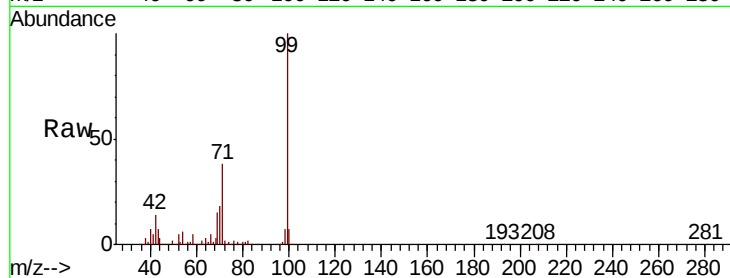
BNA_M

ClientSampleId :

RBR-200052

Tot Ion: 99 Resp: 2267900

Ion	Ratio	Lower	Upper
99	100		
42	14.1	10.9	16.3
71	37.7	30.3	45.5

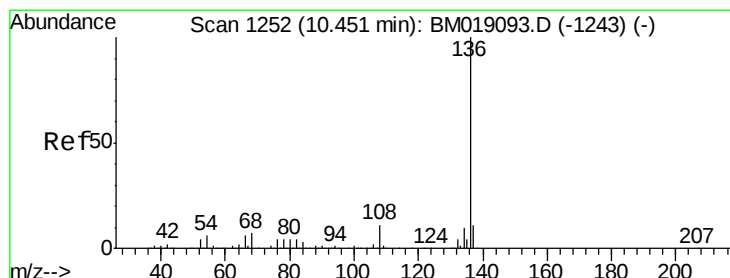
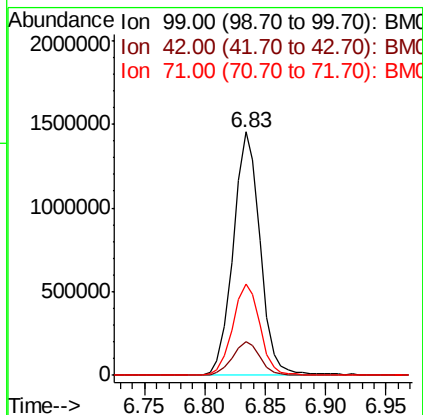
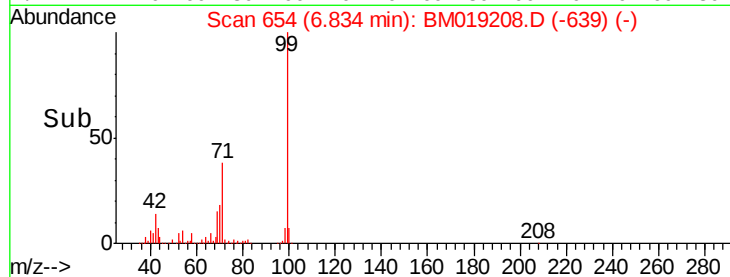


Abundance

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: 10.43 min Scan# 1266

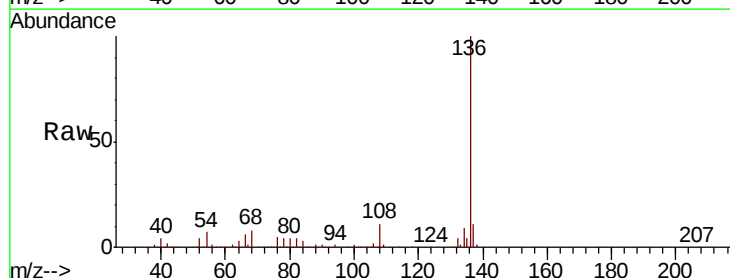
Delta R.T. -0.02 min

Lab File: BM019208.D

Acq: 16 Mar 2019 04:26

Tgt Ion: 136 Resp: 939028

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.9	5.2	7.8
68	7.5	5.8	8.8



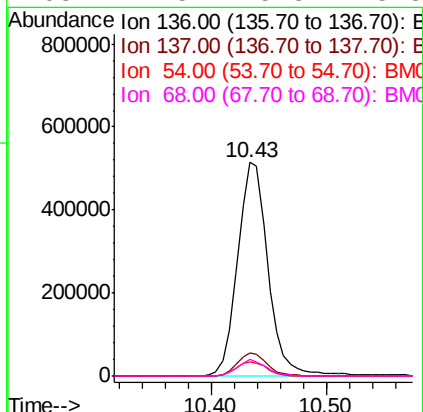
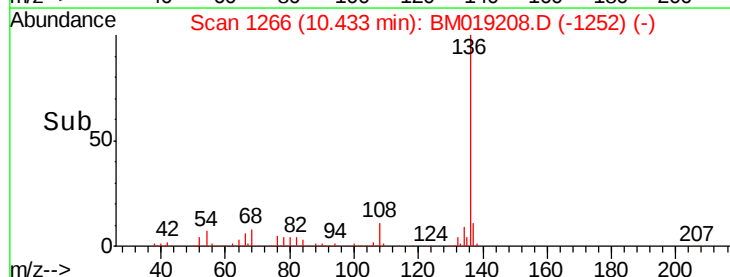
Abundance

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) (-)

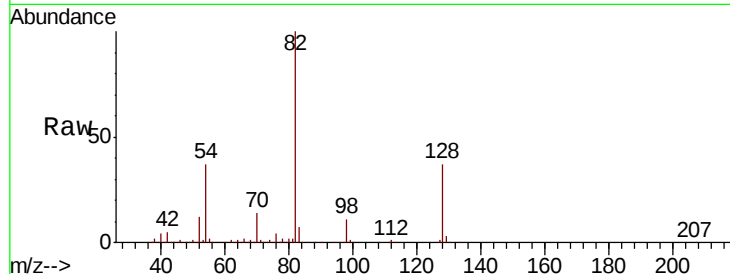




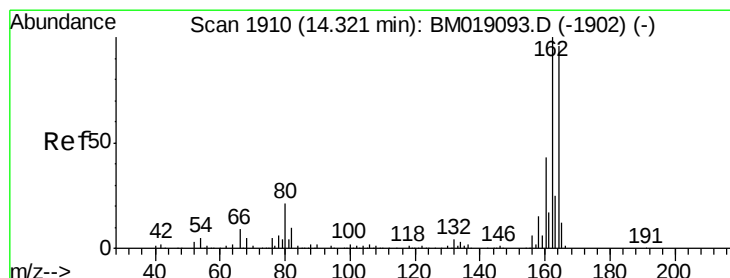
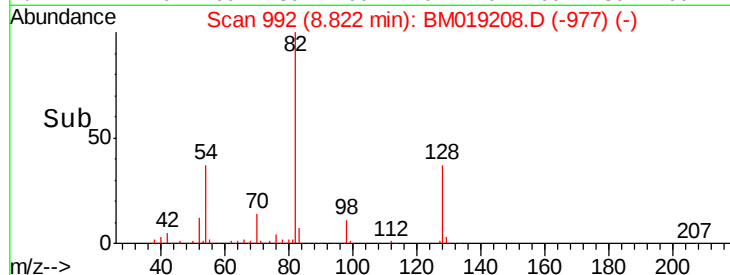
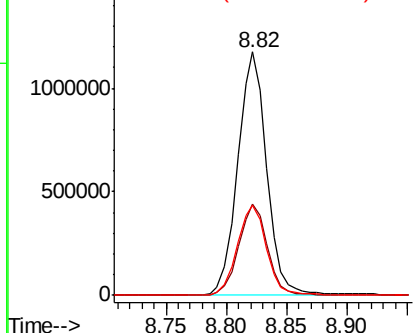
#23
Nitrobenzene-d5
Concen: 98.977 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019208.D
Acq: 16 Mar 2019 04:26

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tot Ion: 82 Resp: 1966182
Ion Ratio Lower Upper
82 100
128 37.3 29.4 44.2
54 37.0 29.9 44.9

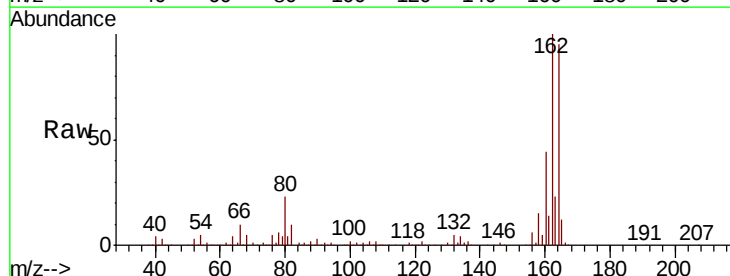


Abundance Ion 82.00 (81.70 to 82.70): BM019208.D (-977) (-)
Ion 128.00 (127.70 to 128.70): BM019208.D (-977) (-)
Ion 54.00 (53.70 to 54.70): BM019208.D (-977) (-)

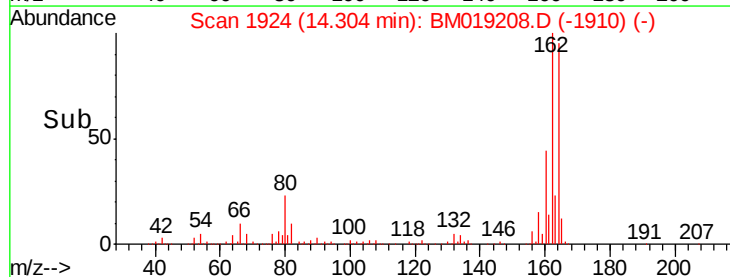
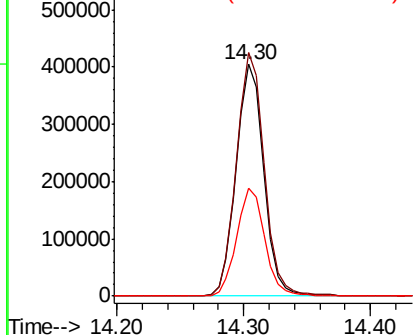


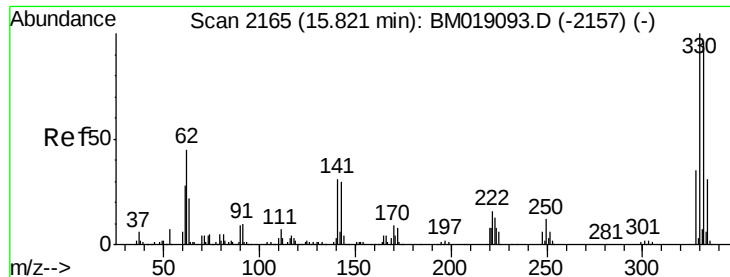
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019208.D
Acq: 16 Mar 2019 04:26

Tgt Ion:164 Resp: 610689
Ion Ratio Lower Upper
164 100
162 105.0 83.5 125.3
160 46.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BM019208.D (-1910) (-)
Ion 162.00 (161.70 to 162.70): BM019208.D (-1910) (-)
Ion 160.00 (159.70 to 160.70): BM019208.D (-1910) (-)





#42

2,4,6-Tribromophenol

Concen: 153.421 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019208.D

Acq: 16 Mar 2019 04:26

Instrument :

BNA_M

ClientSampleId :

RBR-200052

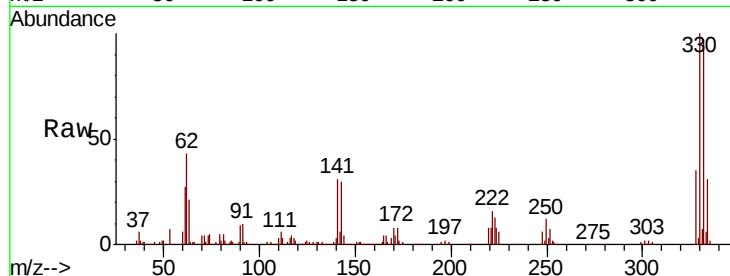
Tot Ion:330 Resp: 1383334

Ion Ratio Lower Upper

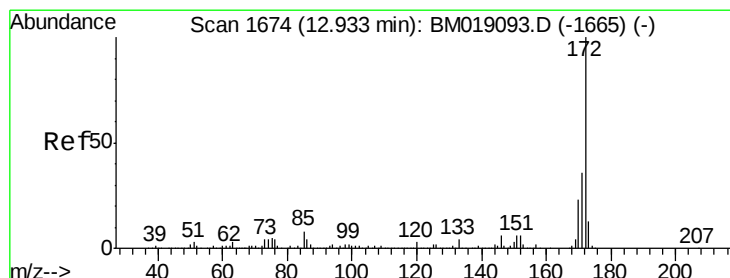
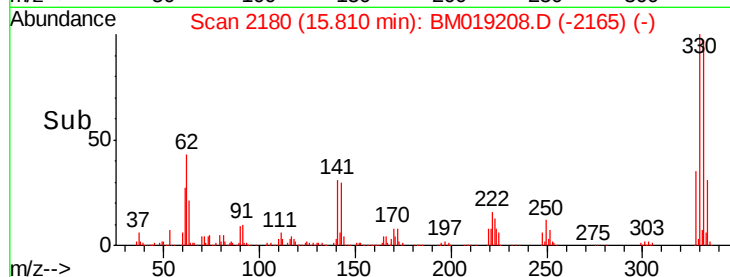
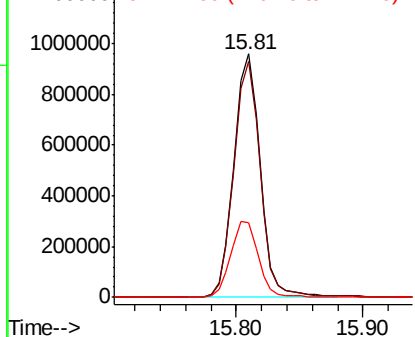
330 100

332 96.9 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: 93.990 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BM019208.D

Acq: 16 Mar 2019 04:26

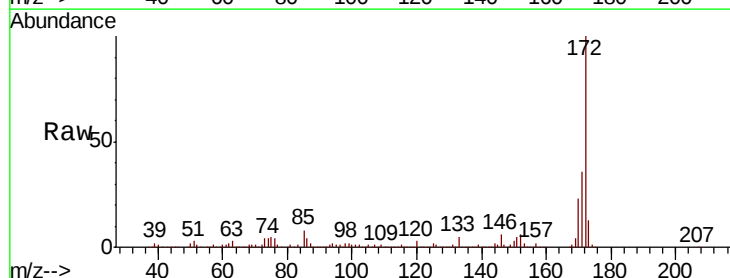
Tgt Ion:172 Resp: 4412683

Ion Ratio Lower Upper

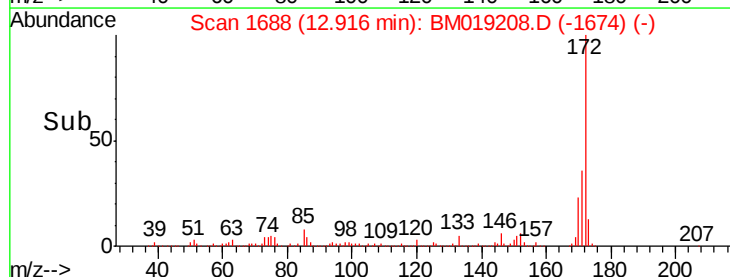
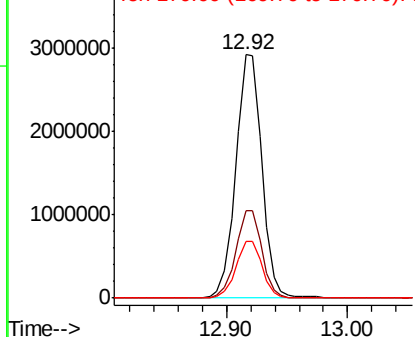
172 100

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

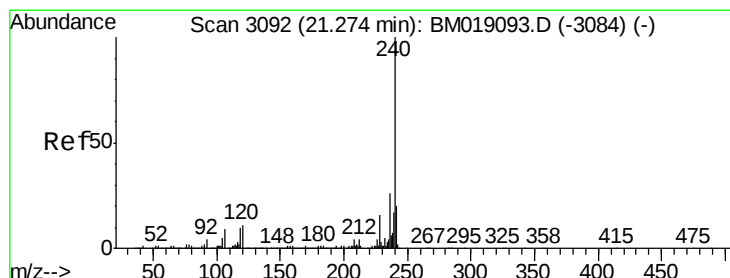
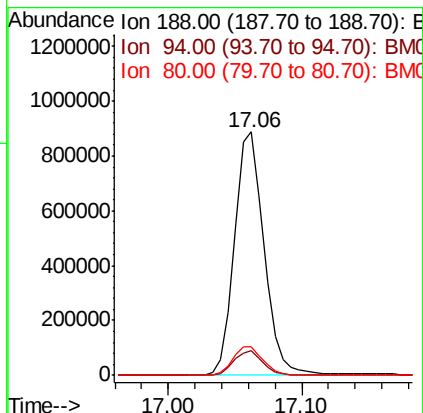
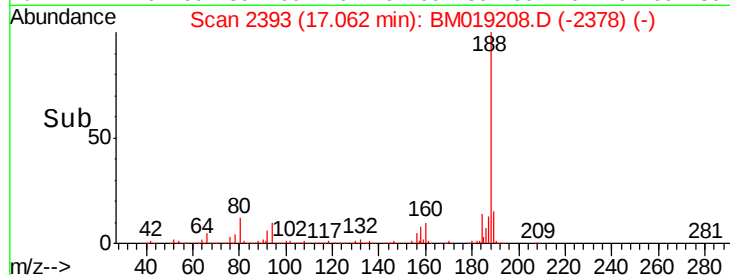
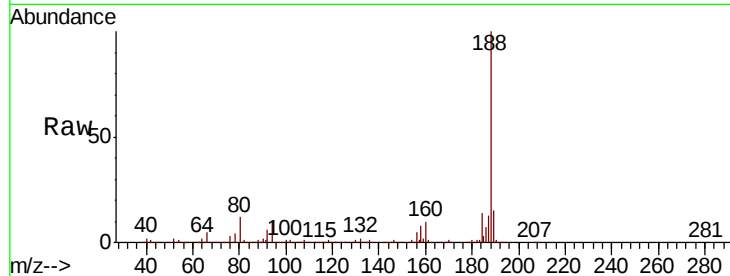




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019208.D
Acq: 16 Mar 2019 04:26

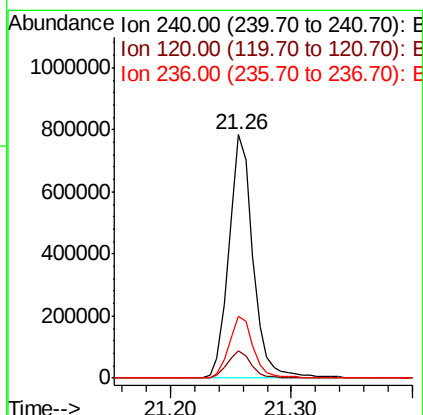
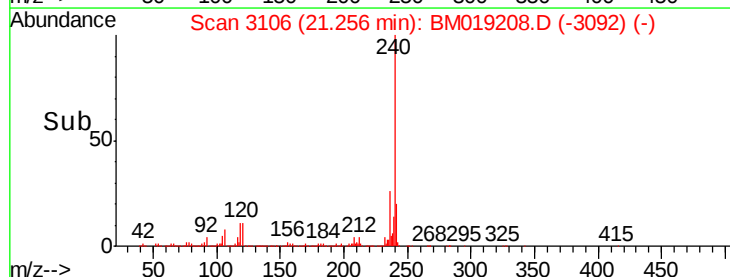
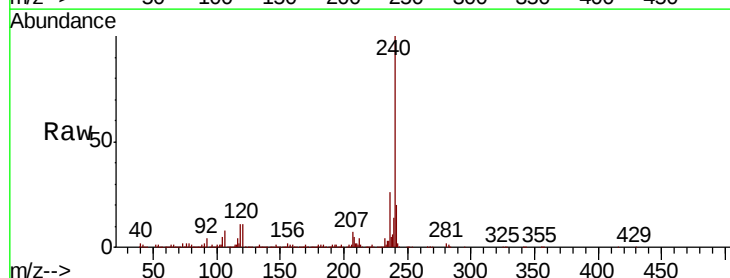
Instrument :
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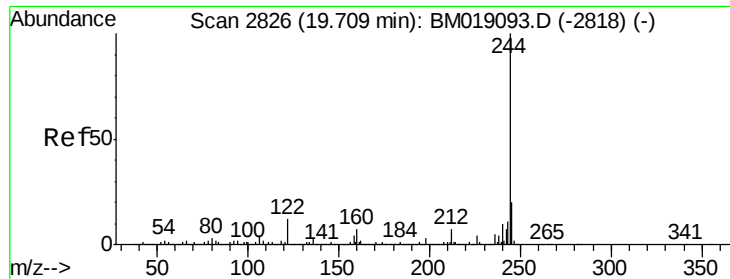
Tot Ion:188 Resp: 1369822
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.8 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019208.D
Acq: 16 Mar 2019 04:26

Tgt Ion:240 Resp: 1092756
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 132.441 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019208.D

Acq: 16 Mar 2019 04:26

Instrument :

BNA_M

ClientSampleId :

RBR-200052

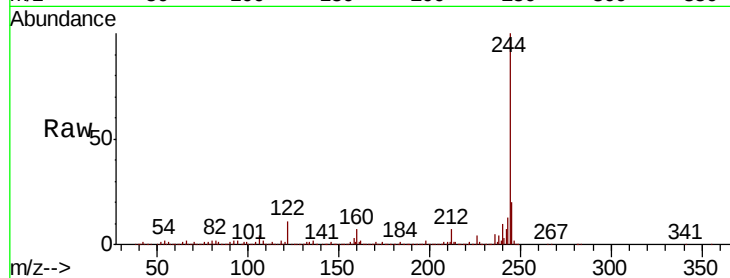
Tot Ion:244 Resp: 7290167

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

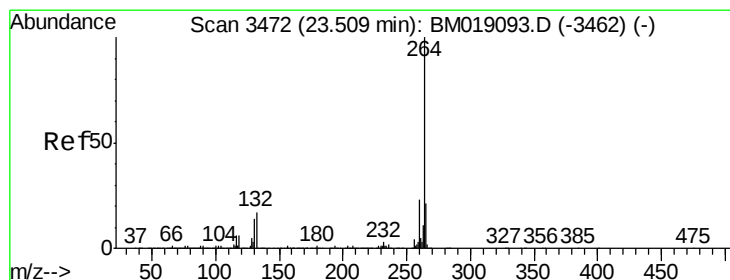
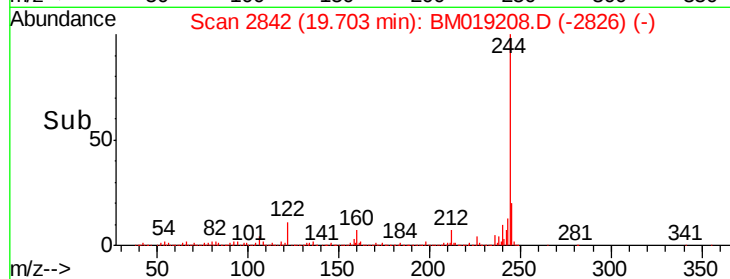
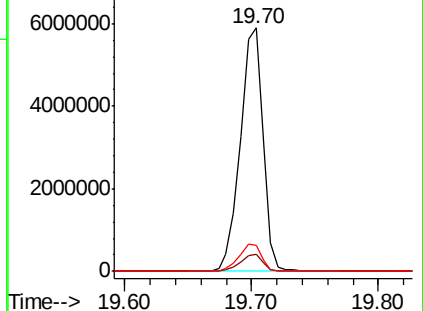
122 10.6 9.4 14.2



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: BM019208.D

Acq: 16 Mar 2019 04:26

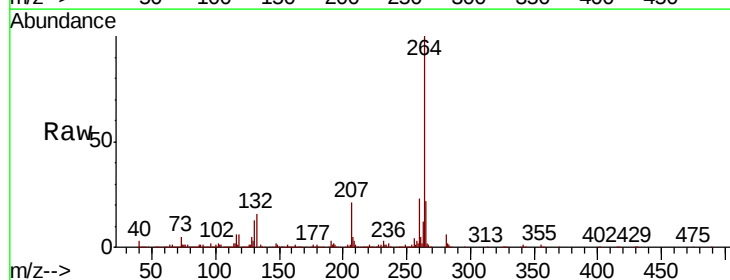
Tgt Ion:264 Resp: 983089

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

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

