

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019205.D
 Acq On : 16 Mar 2019 02:37
 Operator : JU/SJ
 Sample : K1897-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Mar 16 03:47:26 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	192290	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	799003	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	515110	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1135928	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	903517	20.00	ng	-0.02
87) Perylene-d12	23.49	264	800102	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1574162	132.58	ng	0.00
7) Phenol-d6	6.83	99	1961030	112.91	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1732073	102.47	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1218969	160.28	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3937472	99.43	ng	-0.01
79) Terphenyl-d14	19.70	244	6294223	138.30	ng	-0.01

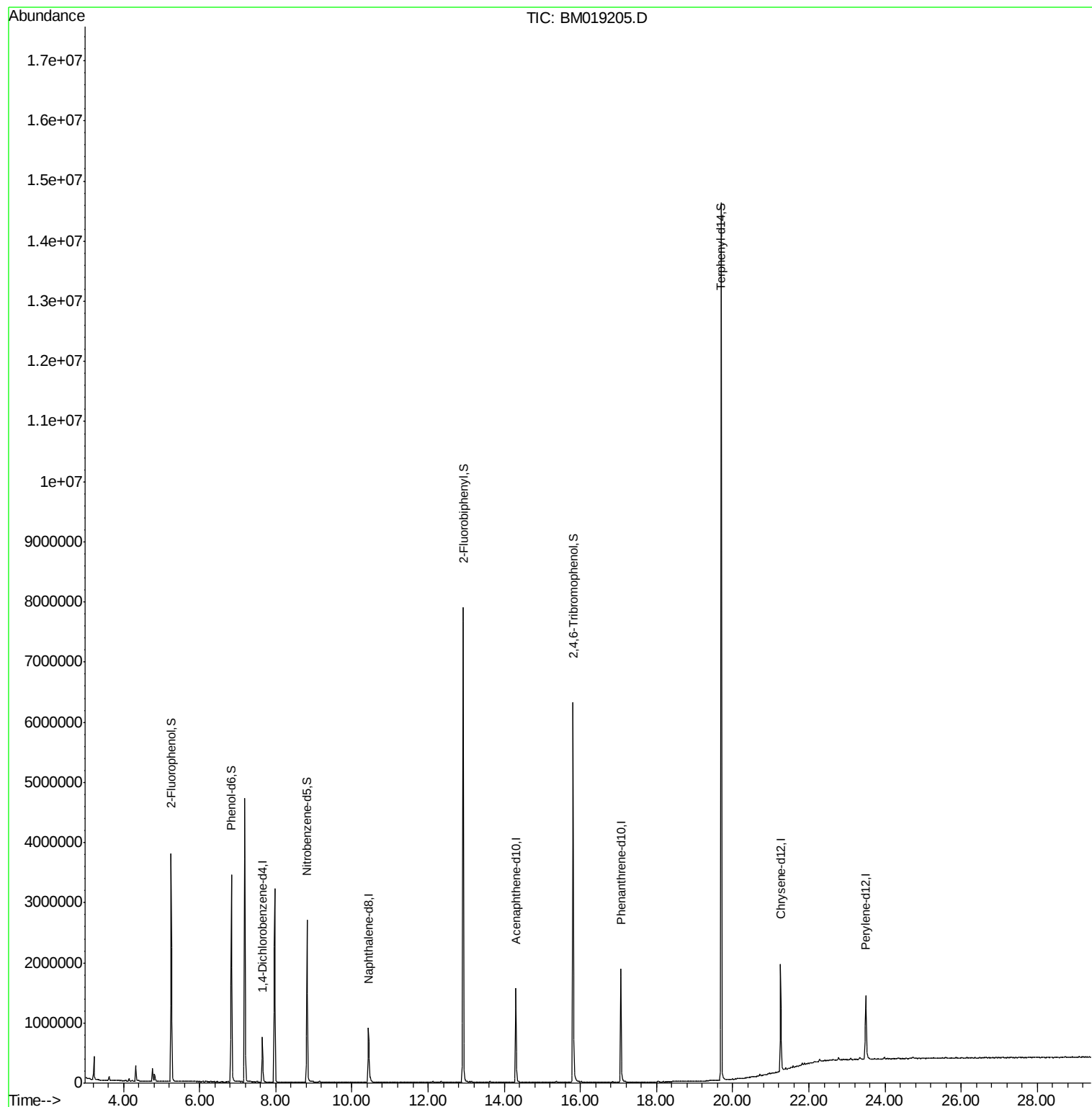
Target Compounds Qvalue

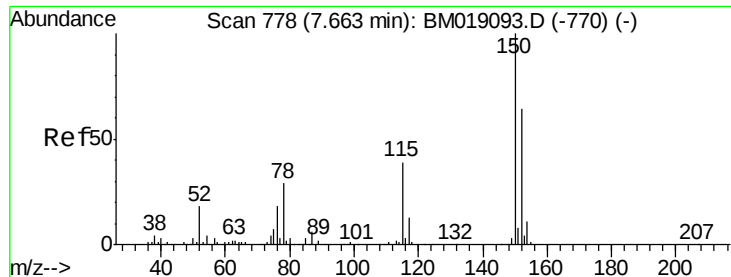
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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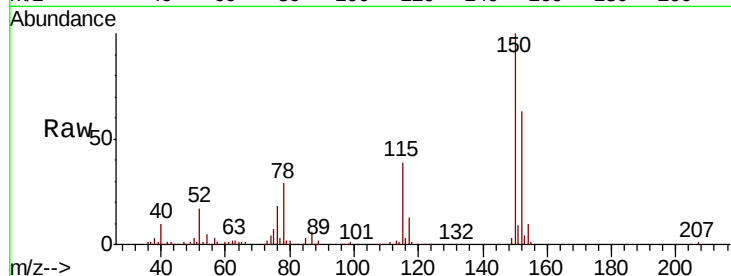


#1

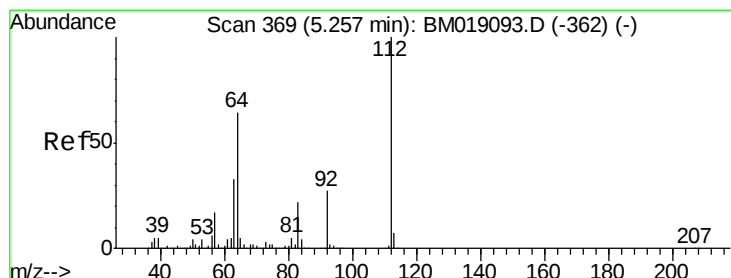
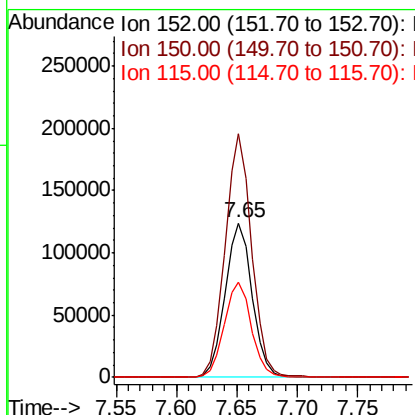
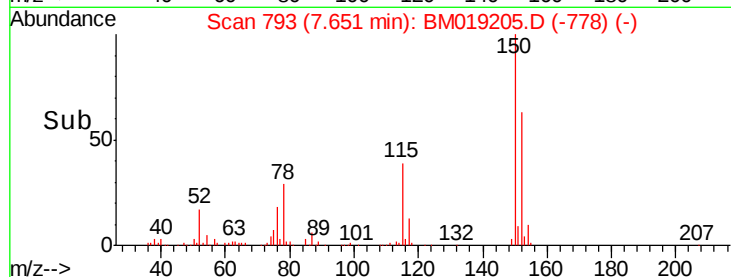
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019205.D
Acq: 16 Mar 2019 02:37

Instrument :
BNA_M
ClientSampled :
TP-2

Tot Ion:152 Resp: 192290
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 61.9 49.4 74.0



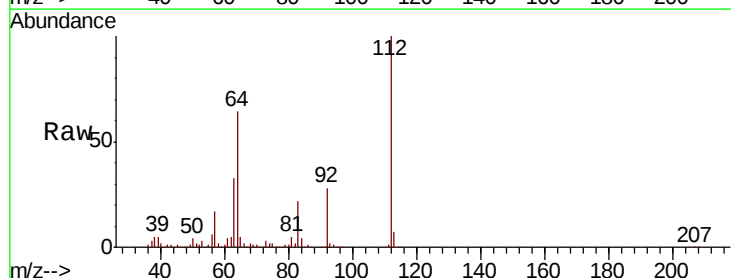
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



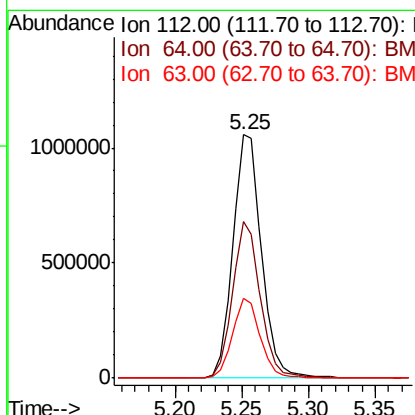
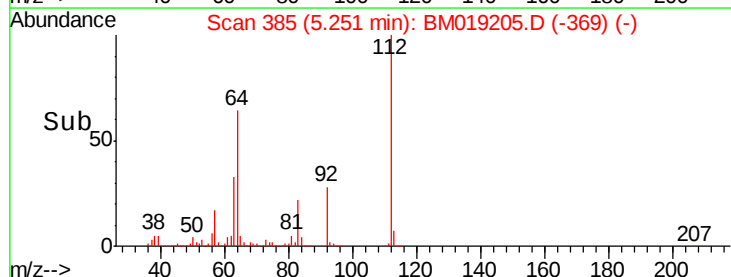
#5

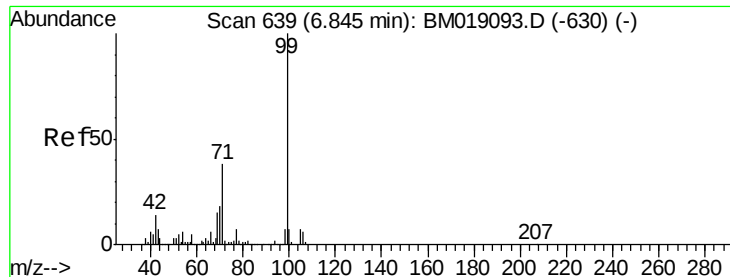
2-Fluorophenol
Concen: 132.577 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019205.D
Acq: 16 Mar 2019 02:37

Tgt Ion:112 Resp: 1574162
Ion Ratio Lower Upper
112 100
64 64.1 51.4 77.0
63 32.7 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: 112.913 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019205.D

Acq: 16 Mar 2019 02:37

Instrument :

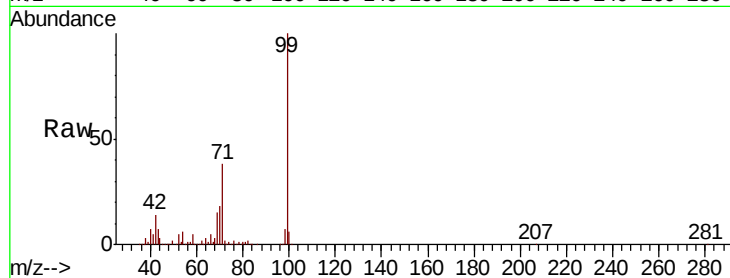
BNA_M

ClientSampleId :

TP-2

Tot Ion: 99 Resp: 1961030

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

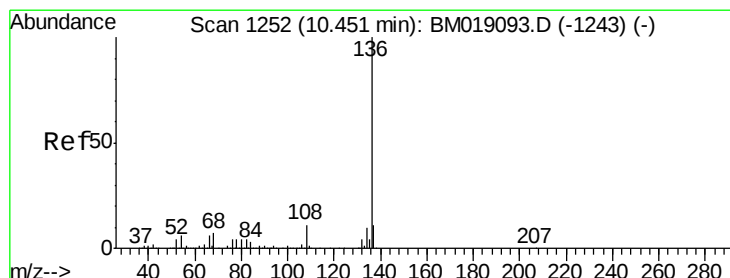
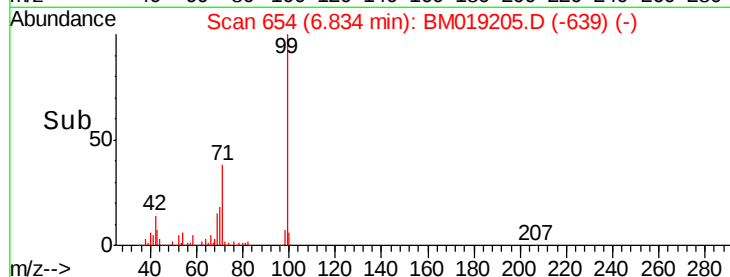
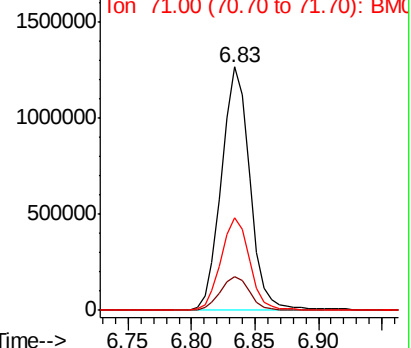


Abundance

Ion 99.00 (98.70 to 99.70): 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

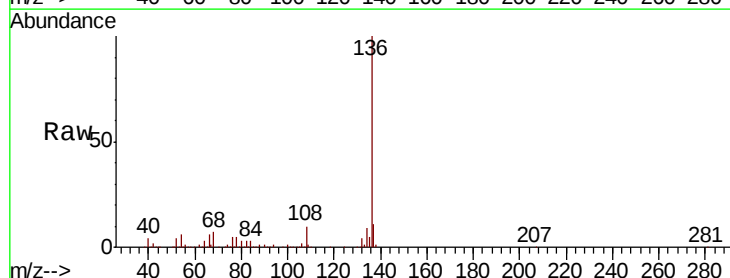
Delta R.T. -0.01 min

Lab File: BM019205.D

Acq: 16 Mar 2019 02:37

Tgt Ion: 136 Resp: 799003

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.5	5.2	7.8
68	6.9	5.8	8.8



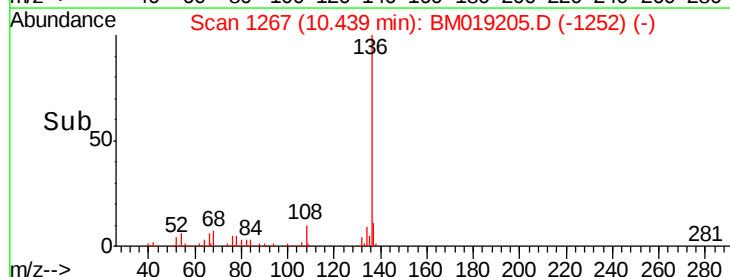
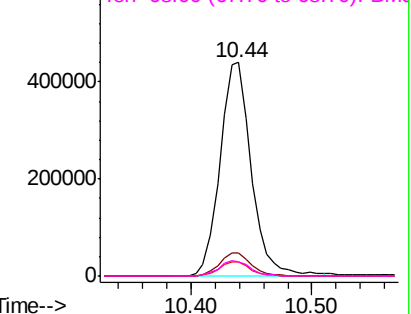
Abundance

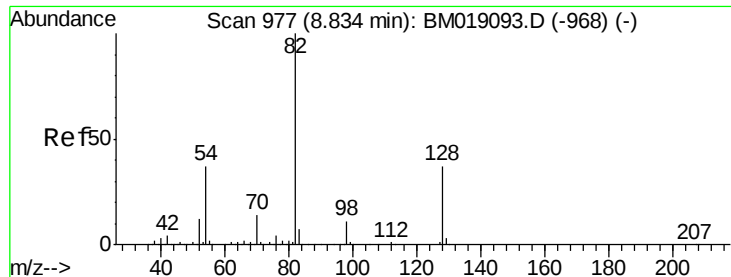
Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

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) (-)



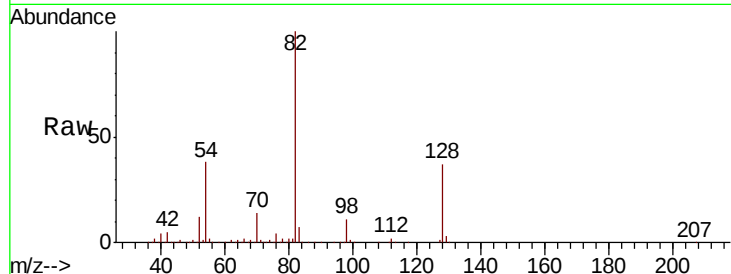


#23
 Nitrobenzene-d5
 Concen: 102.472 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM019205.D
 Acq: 16 Mar 2019 02:37

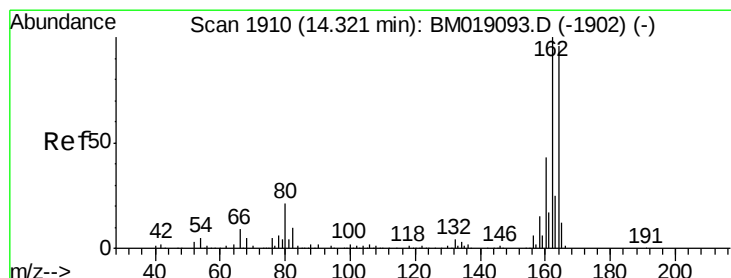
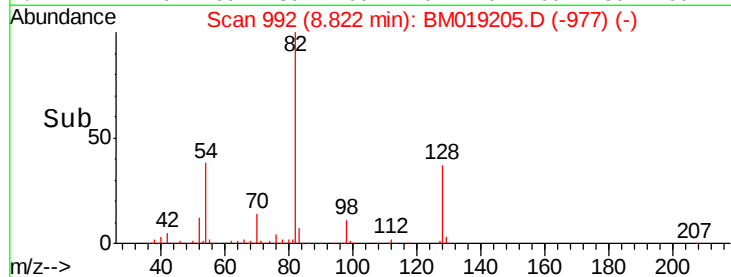
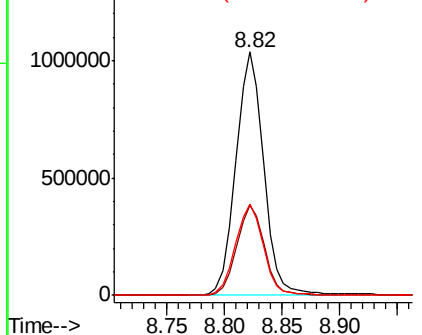
Instrument :
 BNA_M
 ClientSampled :
 TP-2

Tot Ion: 82 Resp: 1732073

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	37.6	29.9	44.9



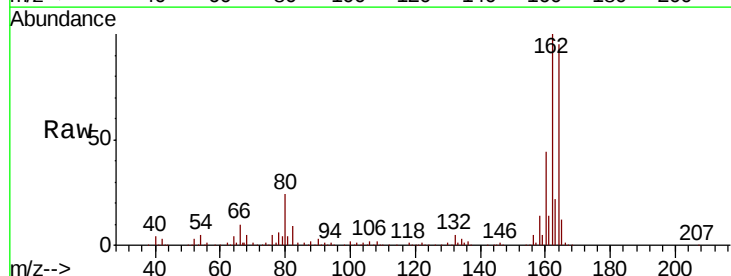
Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)
 Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)
 Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)



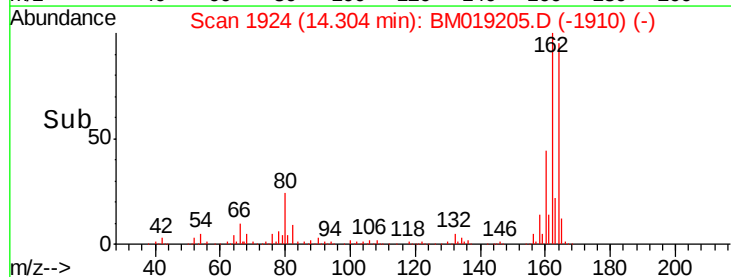
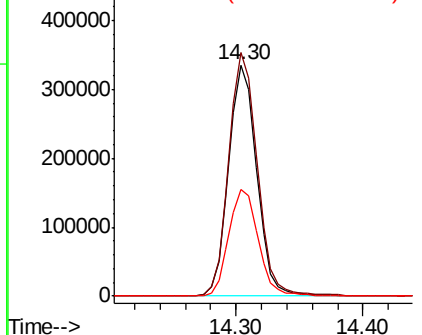
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BM019205.D
 Acq: 16 Mar 2019 02:37

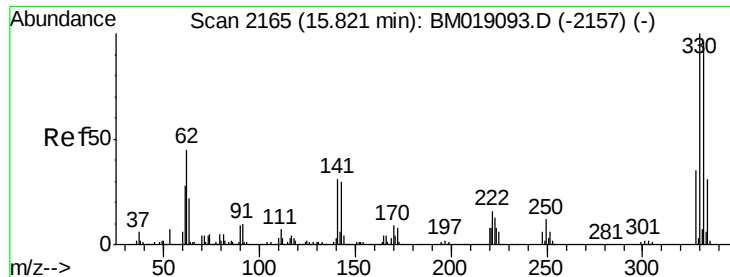
Tgt Ion:164 Resp: 515110

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.5	125.3
160	46.3	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) (-)



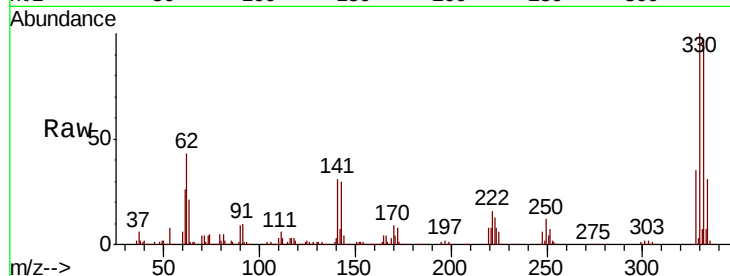


#42
 2,4,6-Tribromophenol
 Concen: 160.276 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019205.D
 Acq: 16 Mar 2019 02:37

Instrument :
 BNA_M
 ClientSampleID :
 TP-2

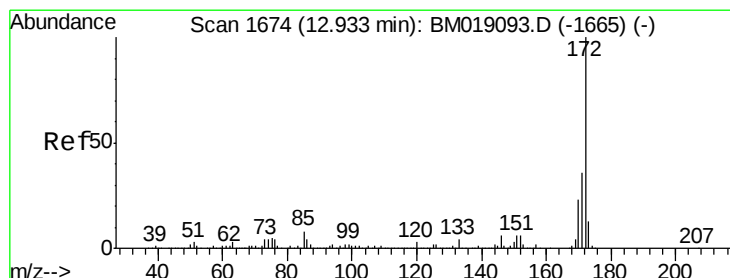
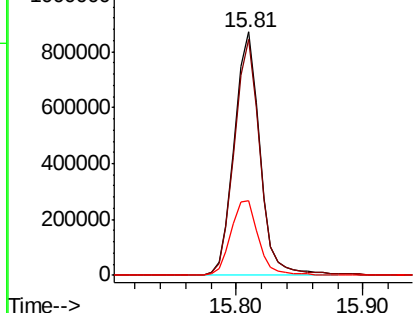
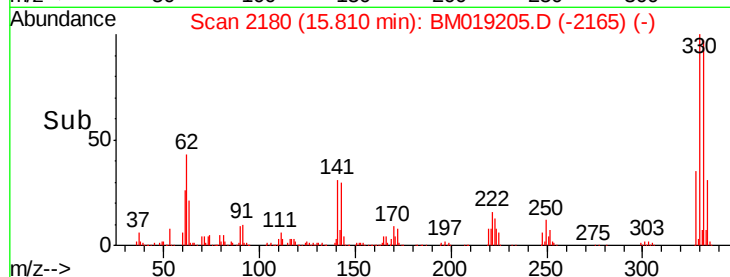
Tot Ion:330 Resp: 1218969

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	33.0	27.0	40.4



Abundance

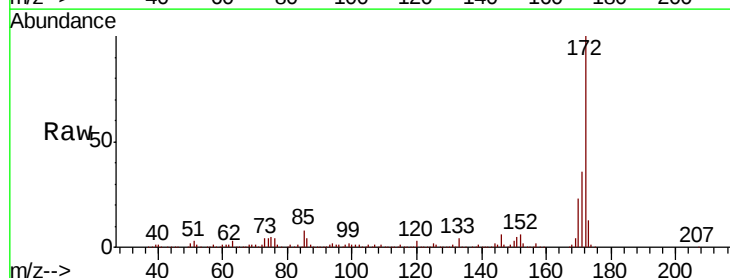
Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.429 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019205.D
 Acq: 16 Mar 2019 02:37

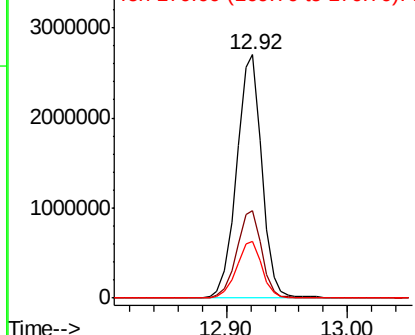
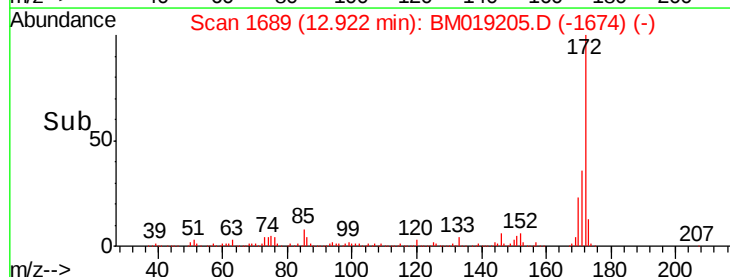
Tgt Ion:172 Resp: 3937472

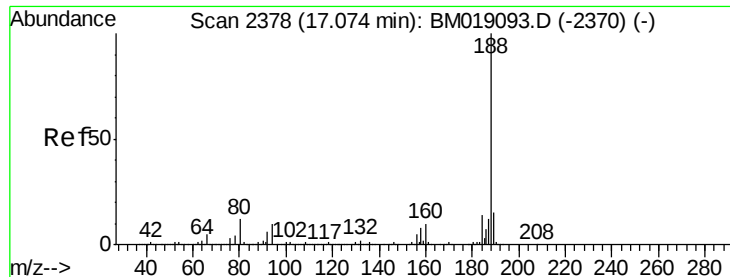
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.4	18.6	28.0



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: BM019205.D

Acq: 16 Mar 2019 02:37

Instrument :

BNA_M

ClientSampleId :

TP-2

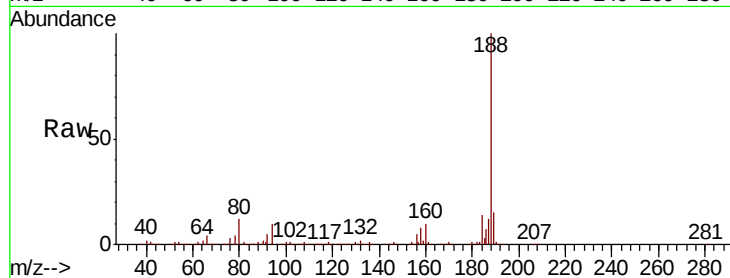
Tot Ion:188 Resp: 1135928

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

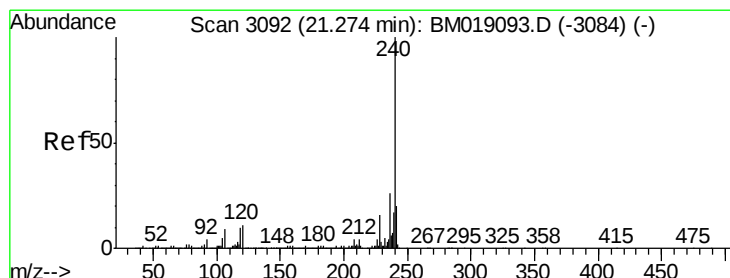
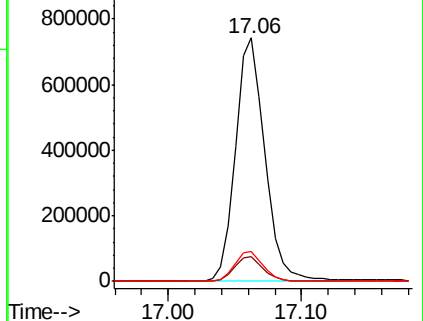
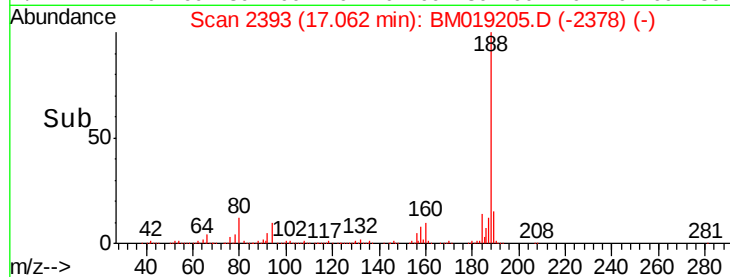
80 12.1 9.7 14.5



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: BM019205.D

Acq: 16 Mar 2019 02:37

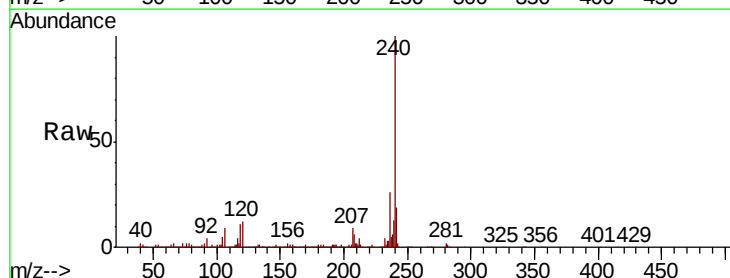
Tgt Ion:240 Resp: 903517

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

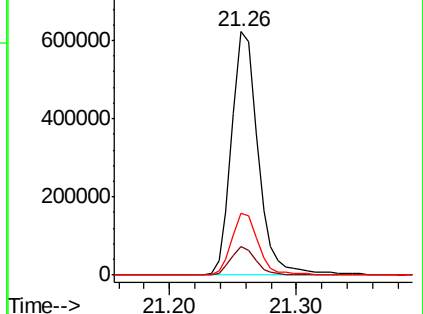
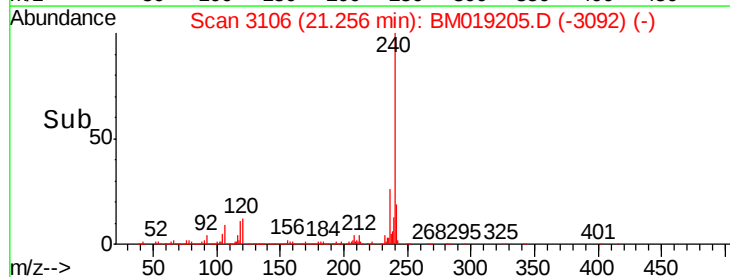
236 25.6 21.0 31.4

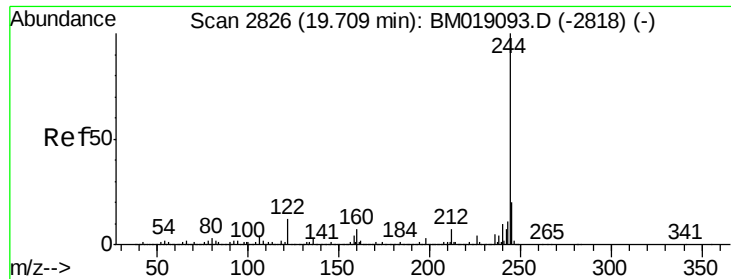


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 138.297 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM019205.D

Acq: 16 Mar 2019 02:37

Instrument :

BNA_M

ClientSampleId :

TP-2

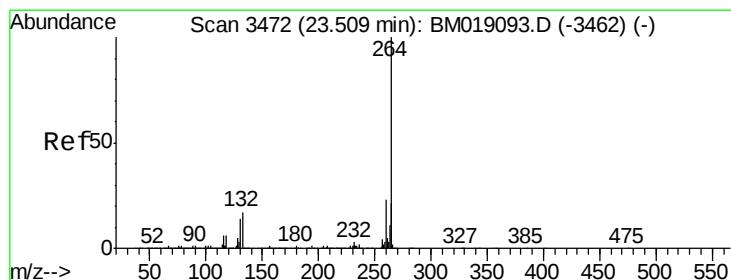
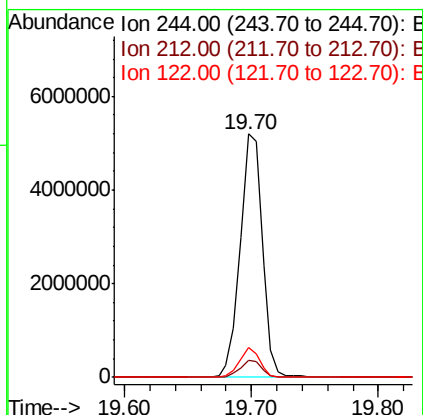
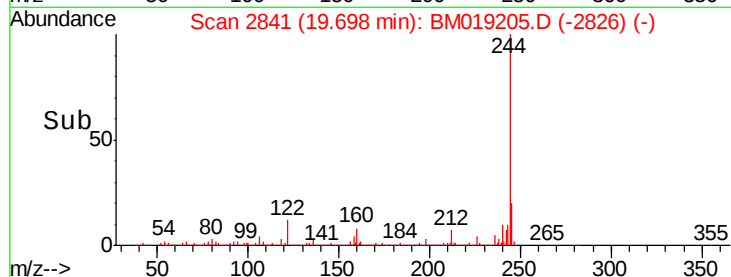
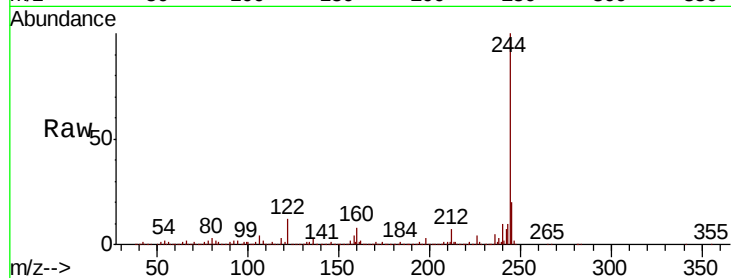
Tot Ion:244 Resp: 6294223

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 12.0 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: BM019205.D

Acq: 16 Mar 2019 02:37

Tgt Ion:264 Resp: 800102

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.4 17.3 25.9

