

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019120.D
 Acq On : 12 Mar 2019 20:08
 Operator : JU/SJ
 Sample : K1842-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-04_030819

Quant Time: Mar 13 03:55:48 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	7.66	152	233710	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	967769	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	623740	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1441173	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1459069	20.00	ng	0.00
87) Perylene-d12	23.51	264	1353904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	950267	65.85	ng	0.00
7) Phenol-d6	6.84	99	832585	39.44	ng	0.00
23) Nitrobenzene-d5	8.83	82	2024562	98.89	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1517091	164.73	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4551732	94.92	ng	0.00
79) Terphenyl-d14	19.71	244	7989073	108.70	ng	0.00

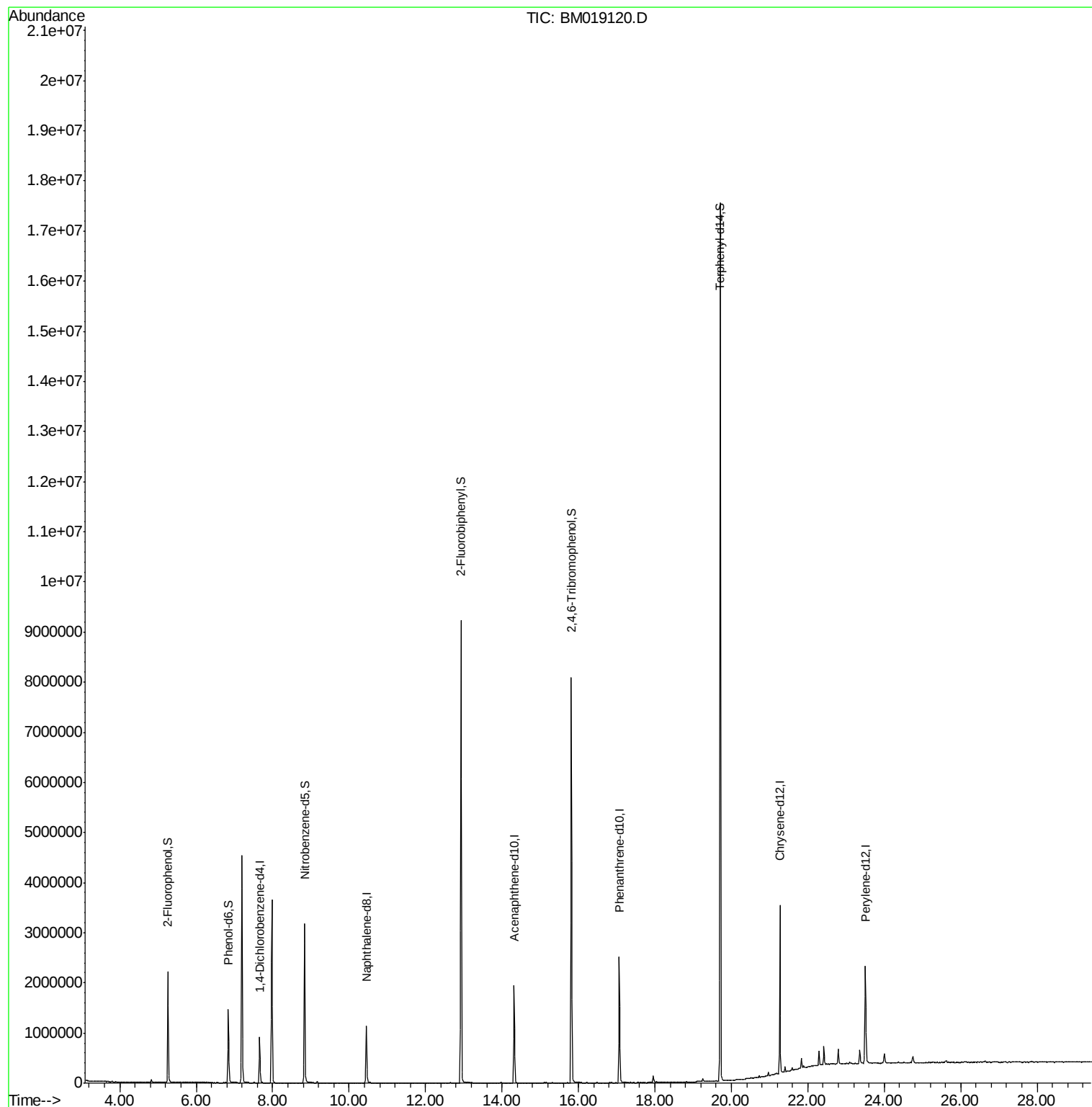
Target Compounds Qvalue

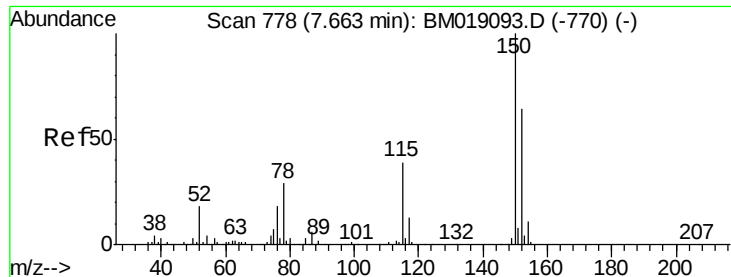
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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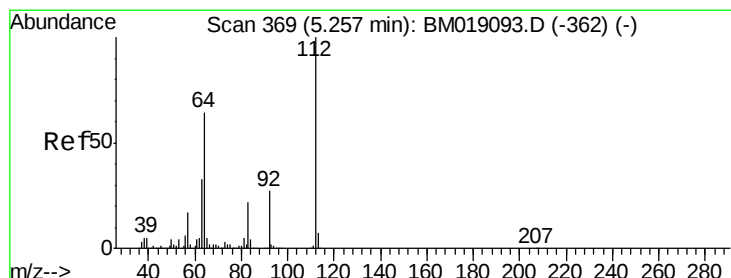
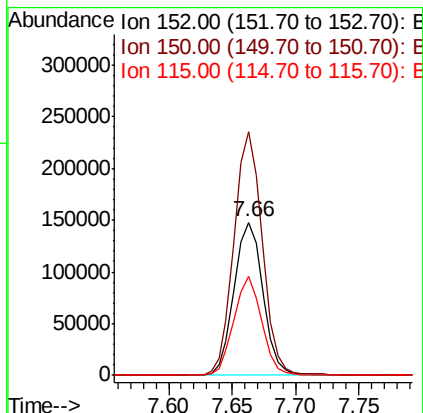
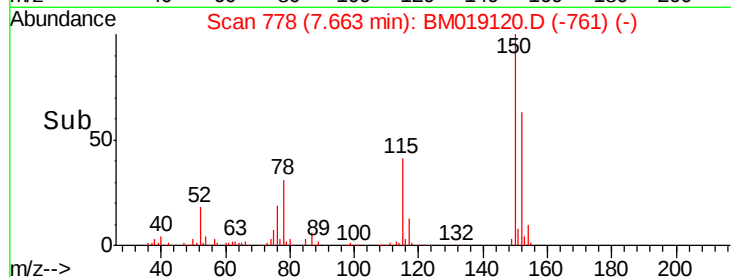
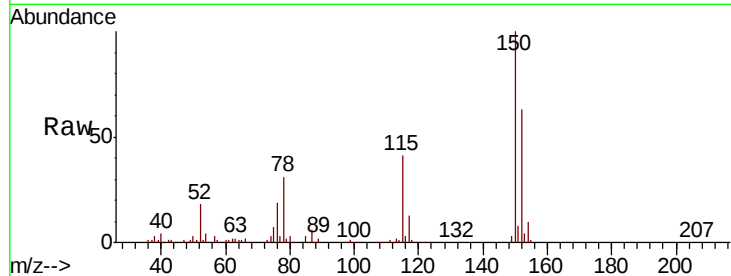


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

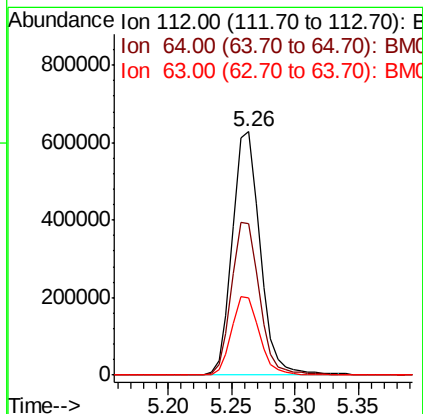
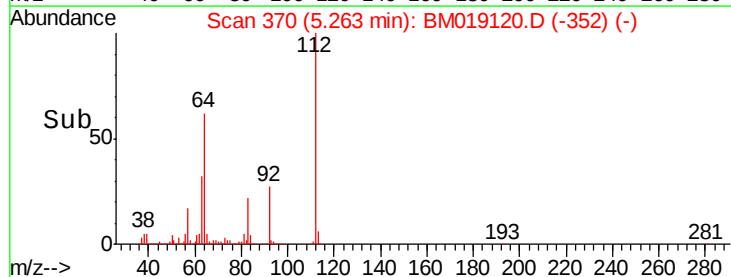
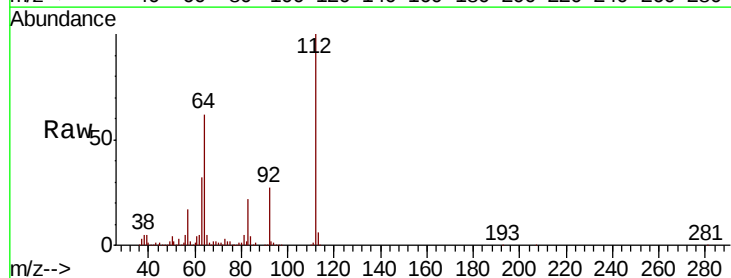
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.3	187.9
115	64.5	49.4	74.0

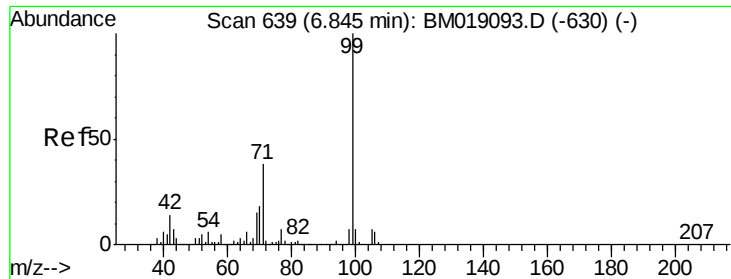


#5

2-Fluorophenol
Concen: 65.848 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.4	77.0
63	31.6	26.6	40.0





#7

Phenol-d6

Concen: 39.443 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019120.D

Acq: 12 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

PR-MW-04_030819

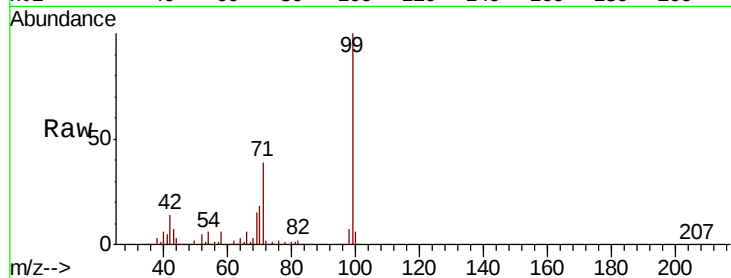
Tot Ion: 99 Resp: 832585

Ion Ratio Lower Upper

99 100

42 14.4 10.9 16.3

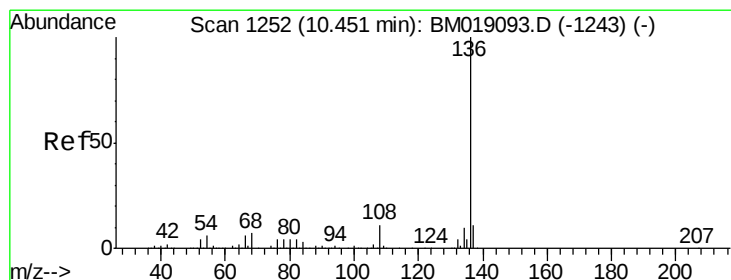
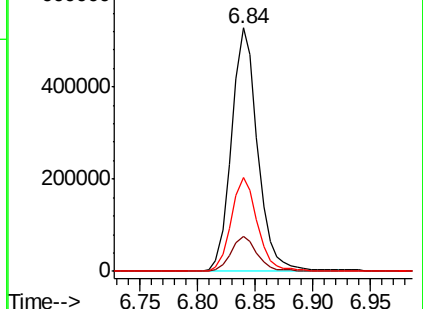
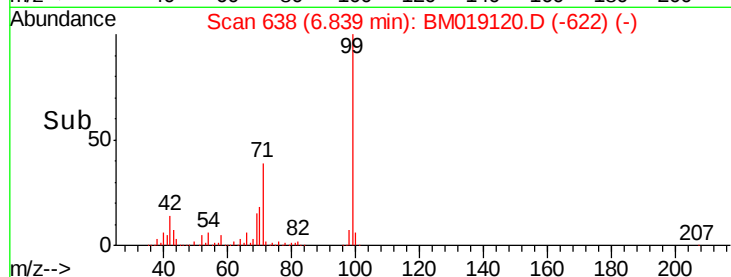
71 38.8 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019120.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019120.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019120.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM019120.D

Acq: 12 Mar 2019 20:08

Tgt Ion: 136 Resp: 967769

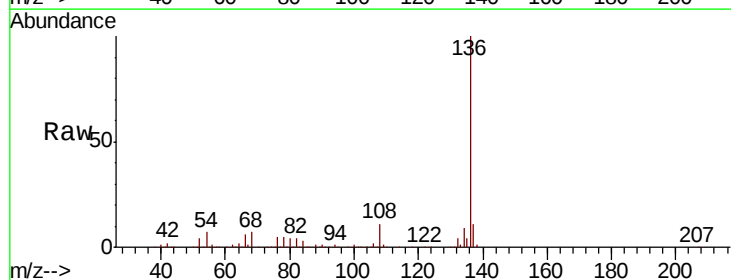
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.8 5.2 7.8

68 7.0 5.8 8.8

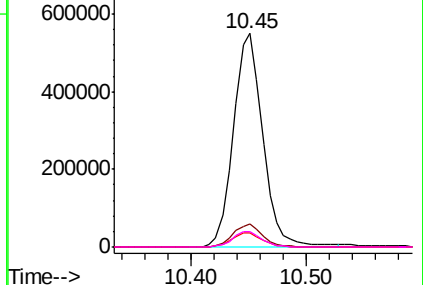
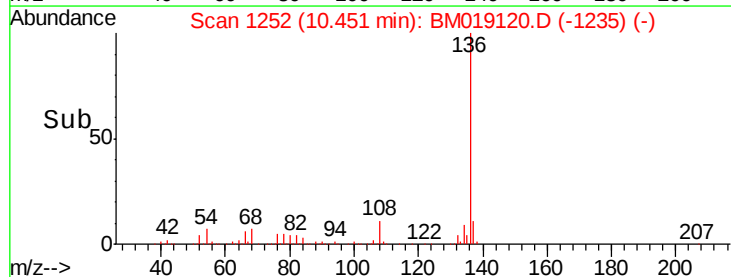


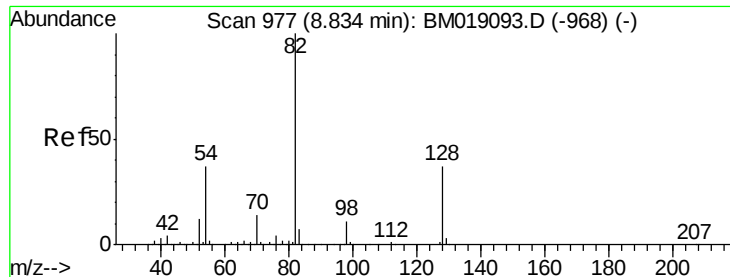
Abundance Ion 136.00 (135.70 to 136.70): BM019120.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019120.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019120.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019120.D (-1235) (-)



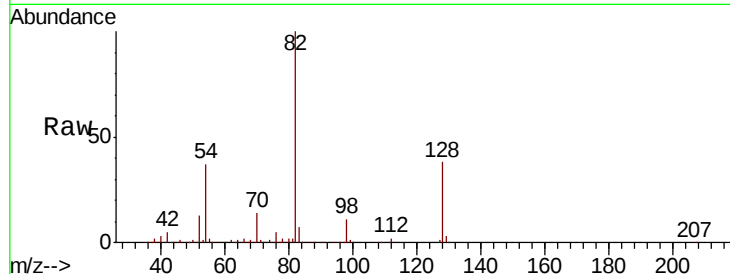


#23
Nitrobenzene-d5
Concen: 98.889 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tot Ion: 82 Resp: 2024562

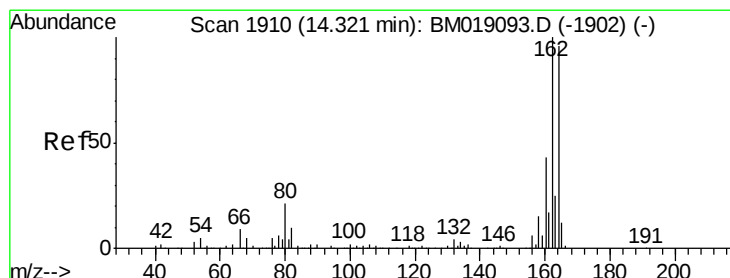
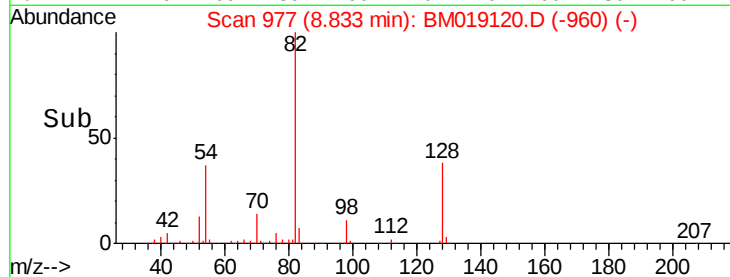
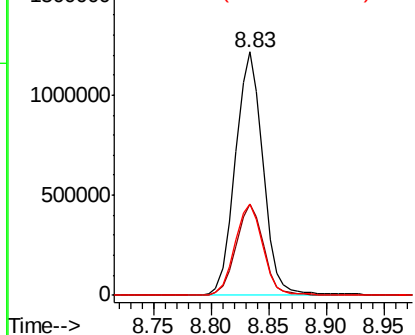
Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.4	44.2
54	37.3	29.9	44.9



Abundance Ion 82.00 (81.70 to 82.70): BM019120.D (-1893) (-)

Ion 128.00 (127.70 to 128.70): BM019120.D (-1893) (-)

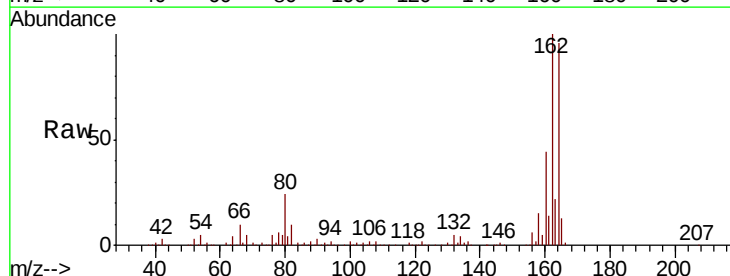
Ion 54.00 (53.70 to 54.70): BM019120.D (-1893) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:164 Resp: 623740

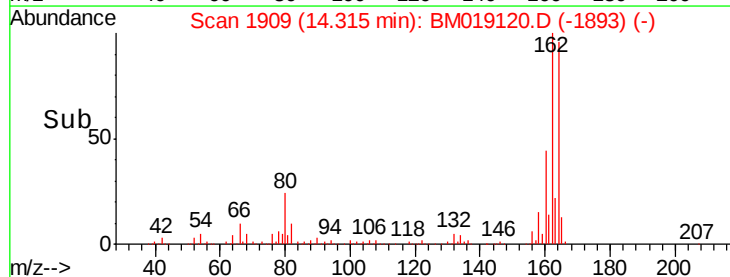
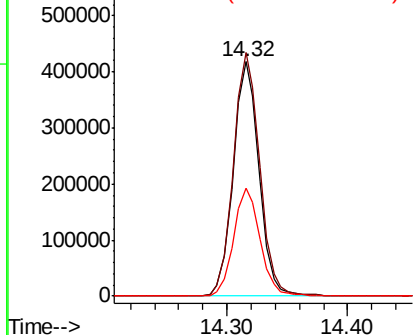
Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.5	125.3
160	45.9	36.3	54.5

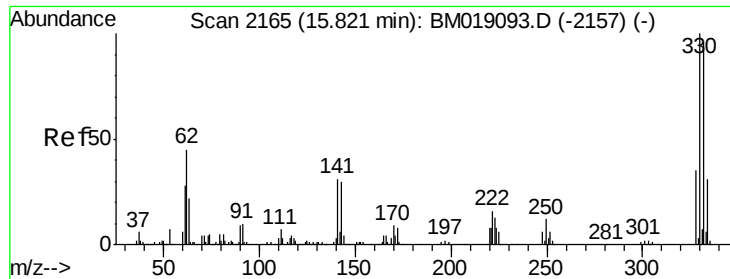


Abundance Ion 164.00 (163.70 to 164.70): BM019120.D (-1893) (-)

Ion 162.00 (161.70 to 162.70): BM019120.D (-1893) (-)

Ion 160.00 (159.70 to 160.70): BM019120.D (-1893) (-)





#42

2,4,6-Tribromophenol

Concen: 164.735 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BM019120.D

Acq: 12 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

PR-MW-04_030819

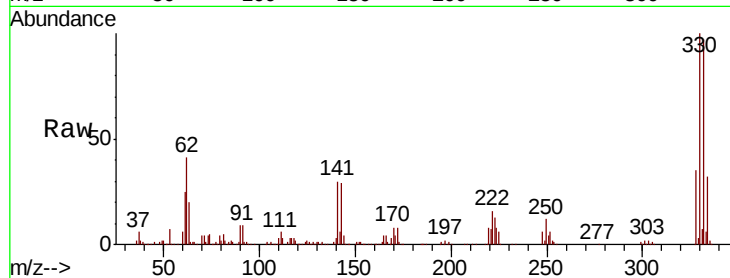
Tot Ion:330 Resp: 1517091

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

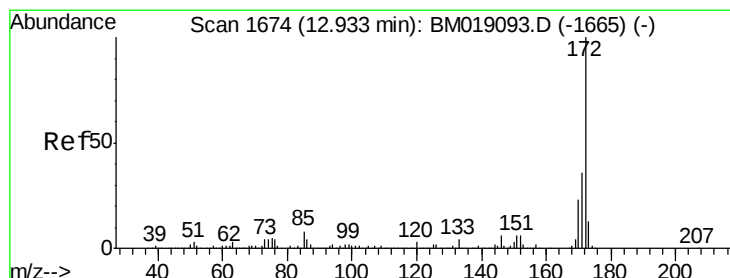
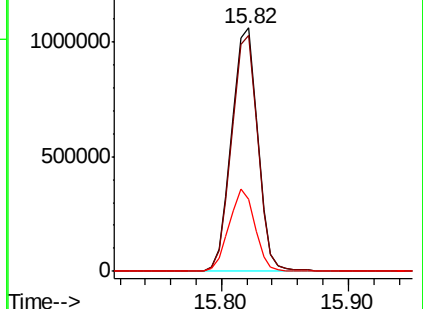
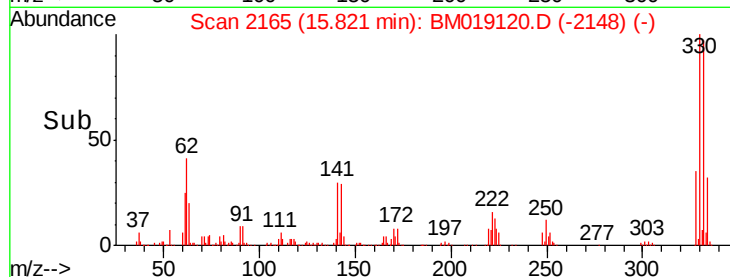
141 33.5 27.0 40.4



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: 94.923 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BM019120.D

Acq: 12 Mar 2019 20:08

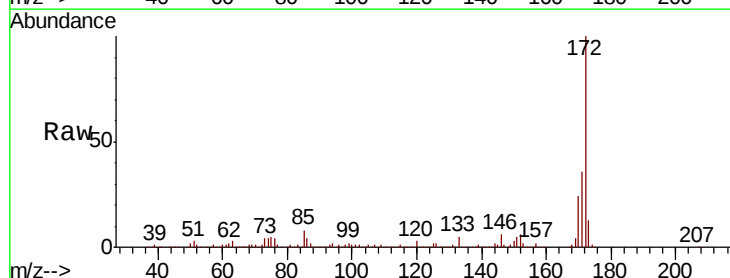
Tgt Ion:172 Resp: 4551732

Ion Ratio Lower Upper

172 100

171 36.3 28.6 42.8

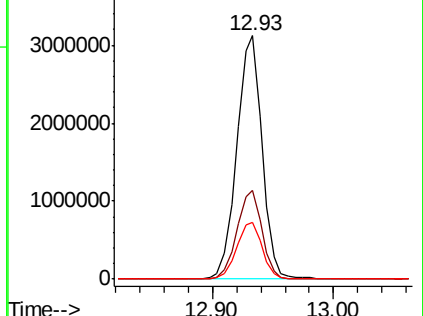
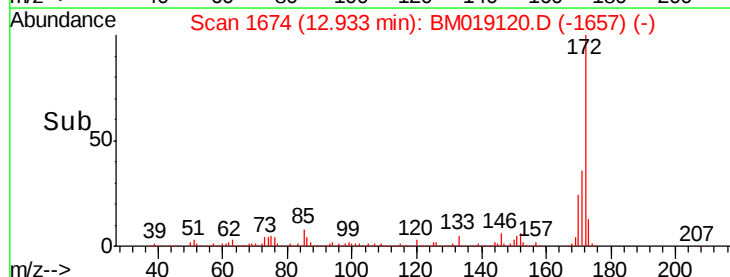
170 23.6 18.6 28.0

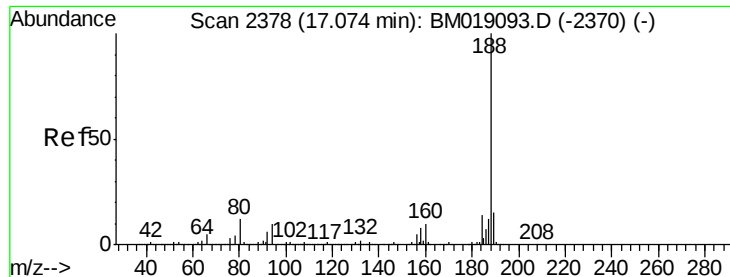


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

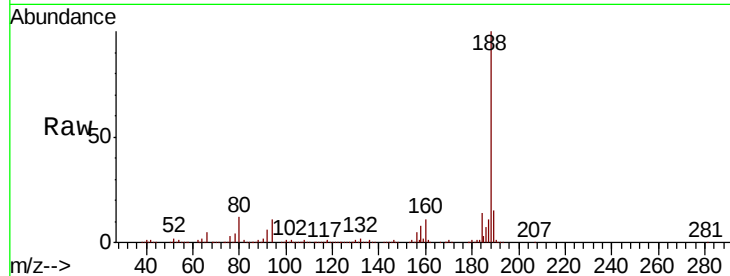




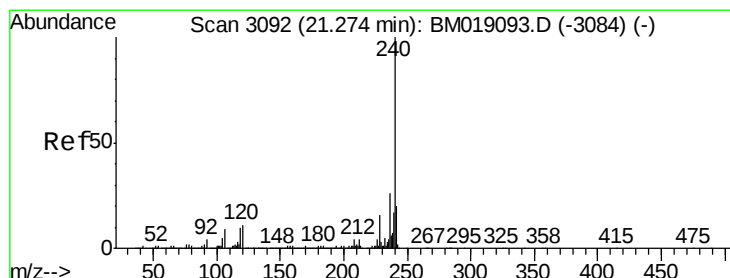
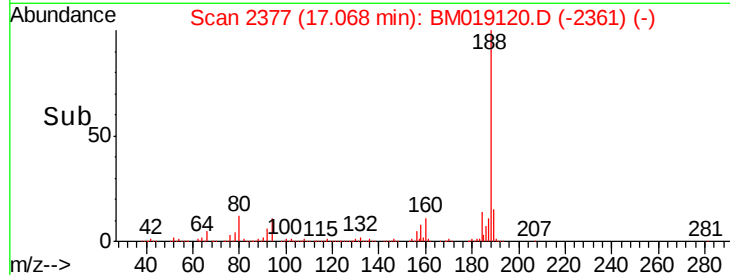
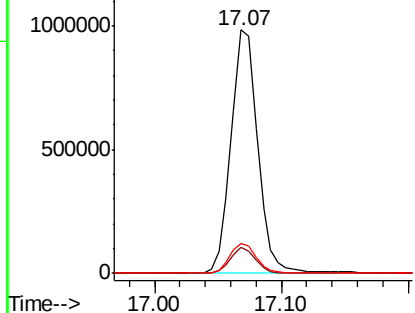
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Instrument :
BNA_M
ClientSampleId :
PR-MW-04_030819

Tot Ion:188 Resp: 1441173
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 12.3 9.7 14.5

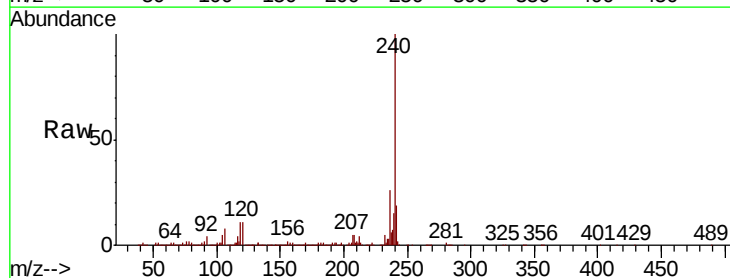


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

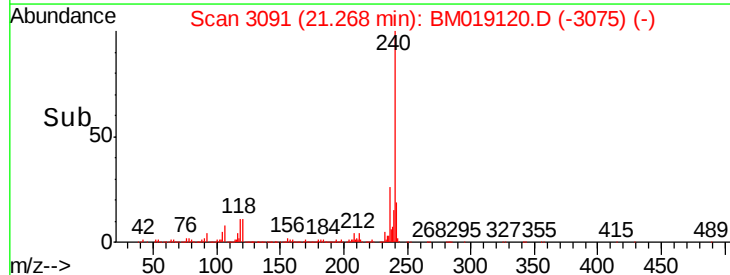
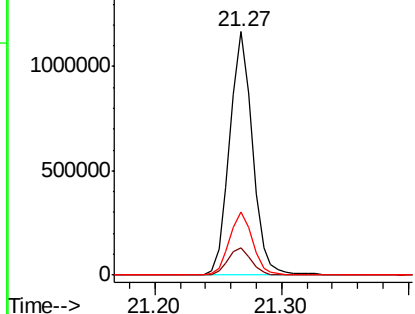


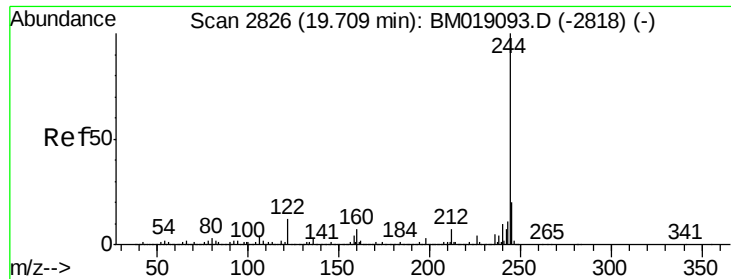
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019120.D
Acq: 12 Mar 2019 20:08

Tgt Ion:240 Resp: 1459069
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.1 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: 108.700 ng

RT: 19.71 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019120.D

Acq: 12 Mar 2019 20:08

Instrument :

BNA_M

ClientSampleId :

PR-MW-04_030819

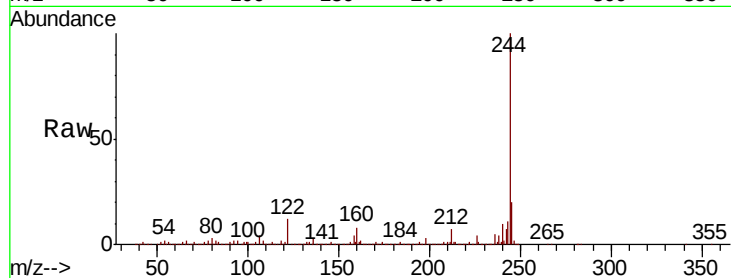
Tot Ion:244 Resp: 7989073

Ion Ratio Lower Upper

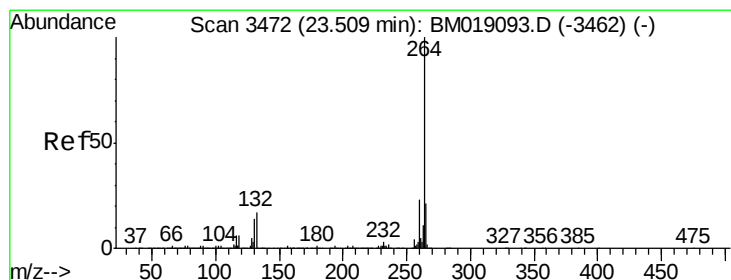
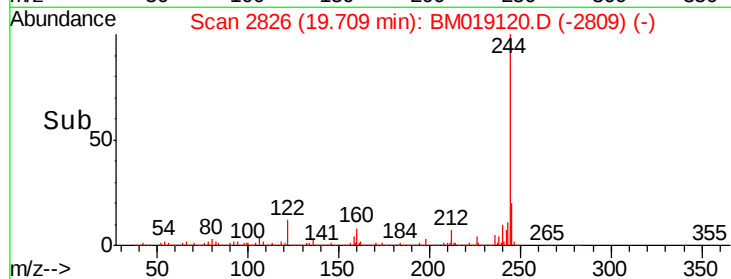
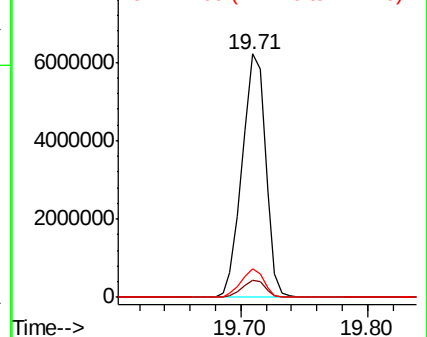
244 100

212 7.1 5.4 8.2

122 11.9 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: 23.51 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM019120.D

Acq: 12 Mar 2019 20:08

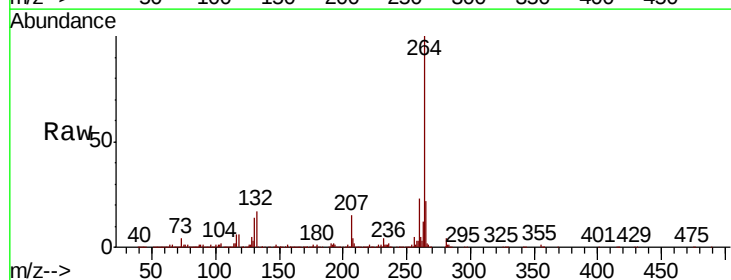
Tgt Ion:264 Resp: 1353904

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.0 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

