

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019965.D
 Acq On : 18 Apr 2019 22:09
 Operator : JU/SJ
 Sample : K2461-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-1

Quant Time: Apr 19 01:20:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	94836	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	355230	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	198835	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	435277	20.00	ng	0.00
76) Chrysene-d12	21.16	240	414137	20.00	ng	0.00
87) Perylene-d12	23.34	264	508554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	365995	62.54	ng	0.00
7) Phenol-d6	6.71	99	294264	33.41	ng	0.00
23) Nitrobenzene-d5	8.69	82	683406	86.04	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	409386	127.91	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1385045	86.81	ng	0.00
79) Terphenyl-d14	19.59	244	2037236	86.77	ng	0.00

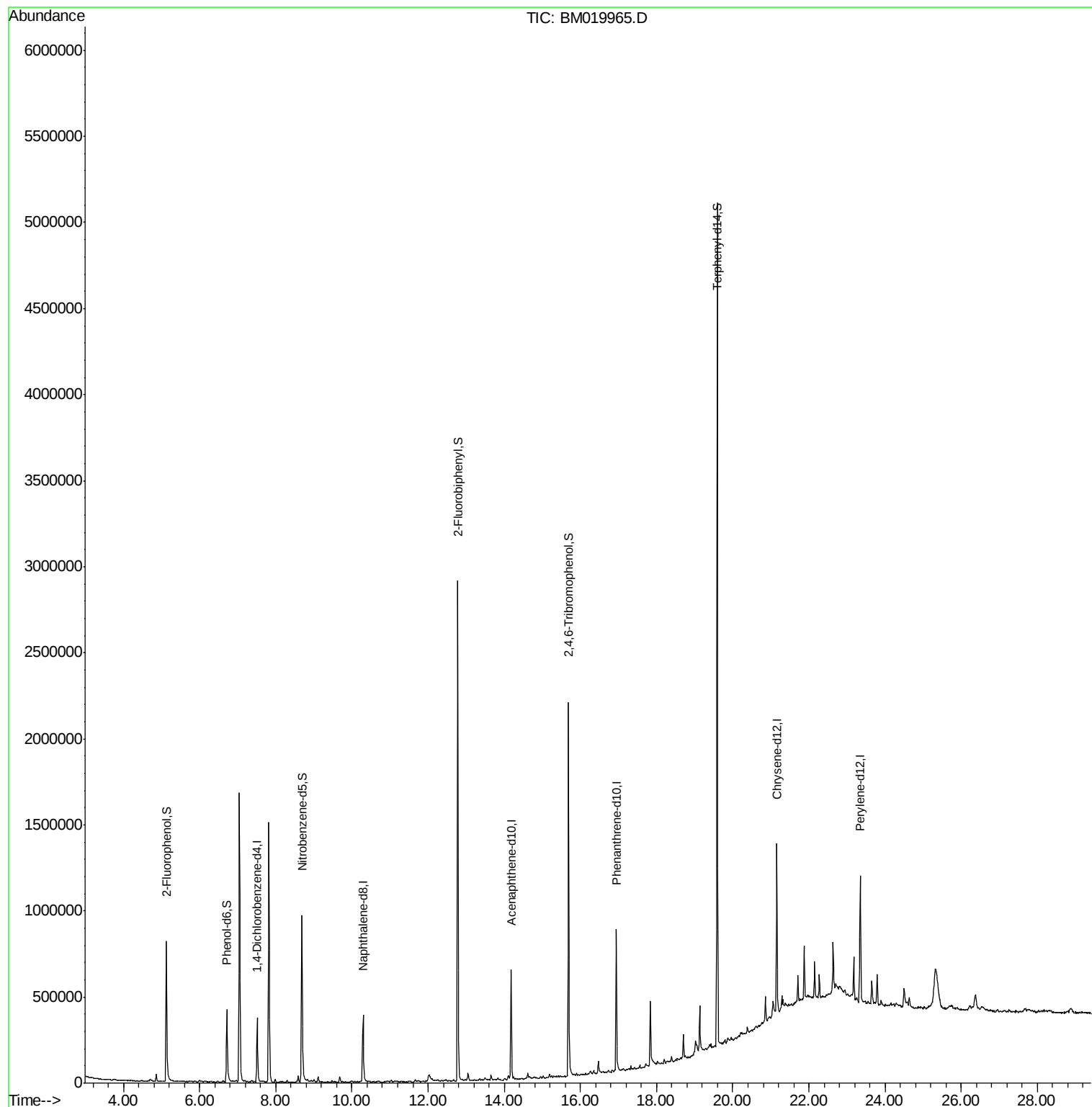
Target Compounds Qvalue

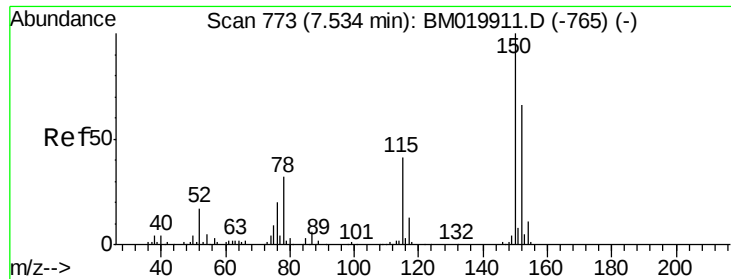
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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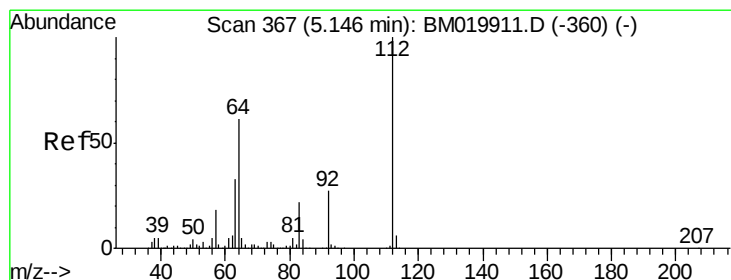
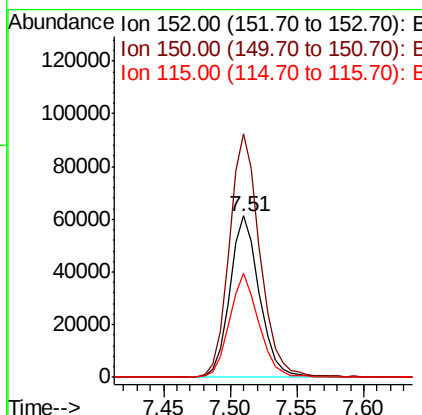
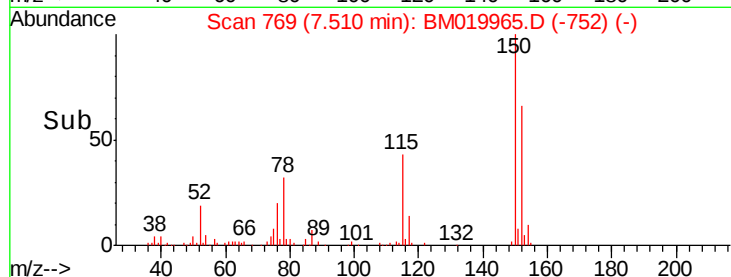
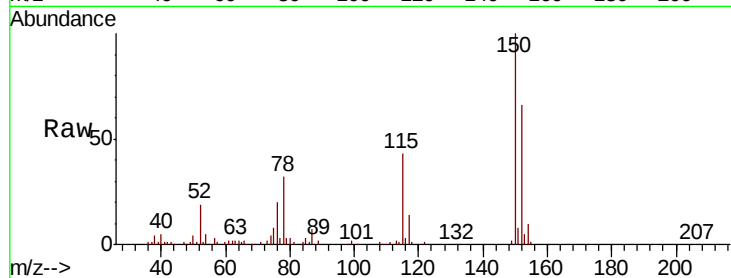


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Instrument :
BNA_M
ClientSampleId :
GMW-1

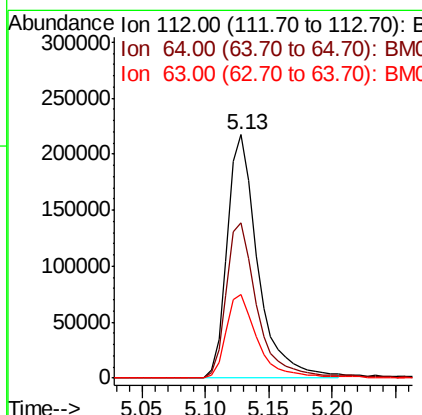
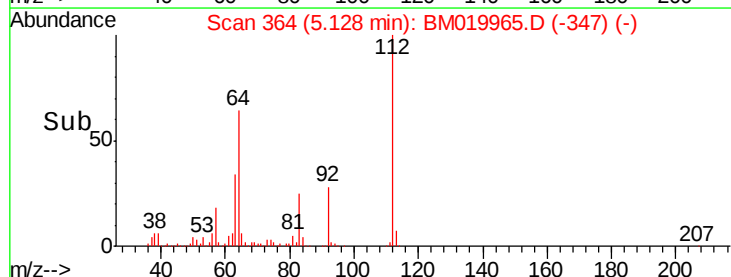
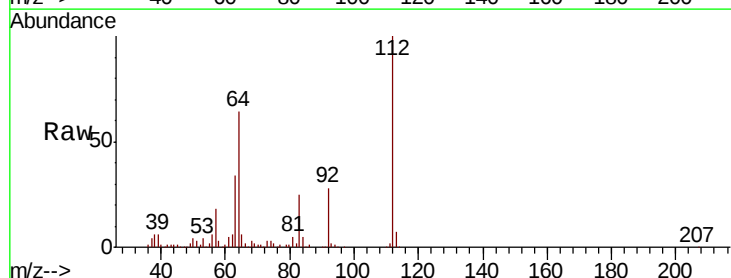
Tot Ion:152 Resp: 94836
Ion Ratio Lower Upper
152 100
150 150.9 122.1 183.1
115 64.6 50.0 75.0

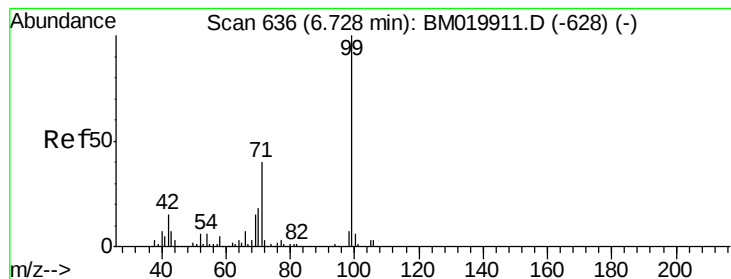


#5

2-Fluorophenol
Concen: 62.545 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Tgt Ion:112 Resp: 365995
Ion Ratio Lower Upper
112 100
64 63.8 49.1 73.7
63 34.4 26.5 39.7





#7

Phenol-d6

Concen: 33.413 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019965.D

Acq: 18 Apr 2019 22:09

Instrument :

BNA_M

ClientSampleId :

GMW-1

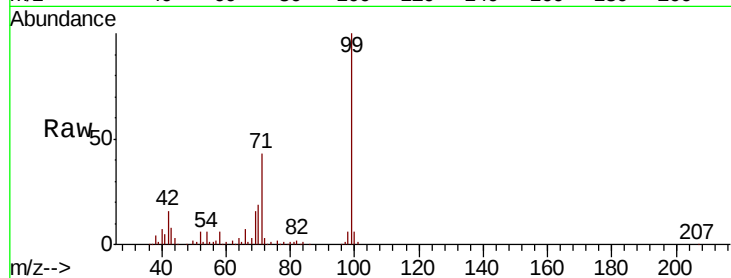
Tot Ion: 99 Resp: 294264

Ion Ratio Lower Upper

99 100

42 15.6 11.8 17.8

71 43.2 32.0 48.0

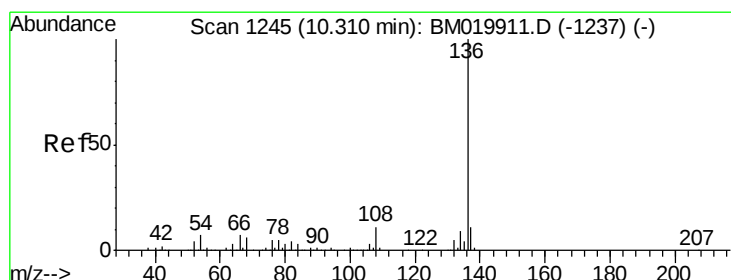
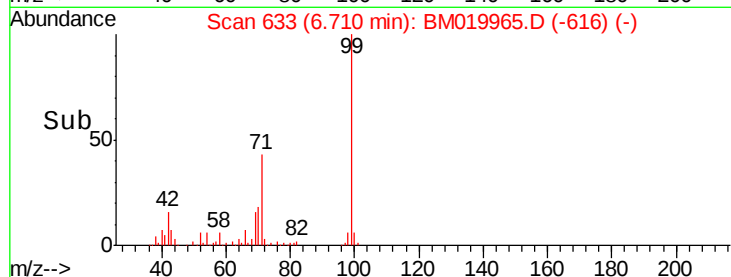
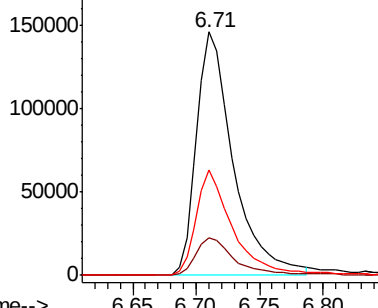


Abundance

Ion 99.00 (98.70 to 99.70): BM019965.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019965.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019965.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM019965.D

Acq: 18 Apr 2019 22:09

Tgt Ion: 136 Resp: 355230

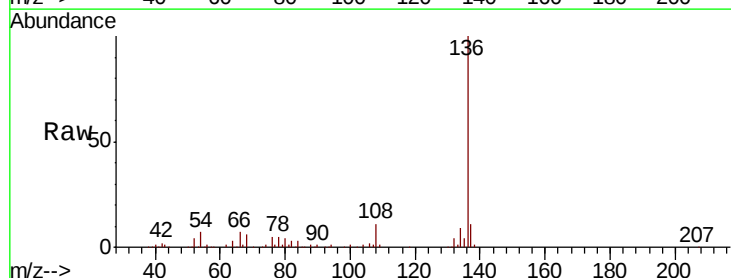
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.4 5.3 7.9

68 6.4 5.2 7.8



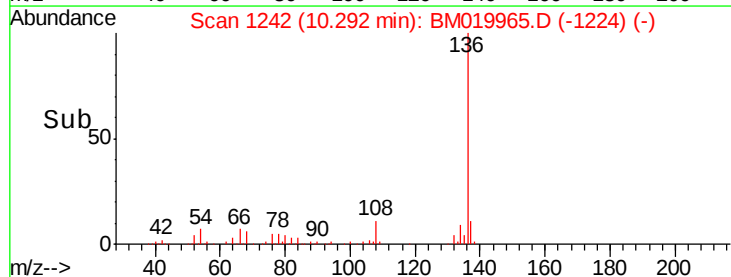
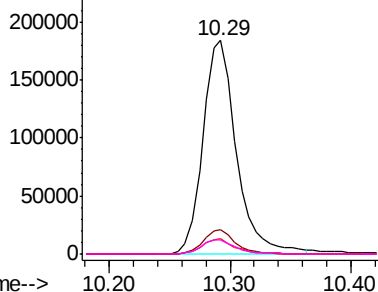
Abundance

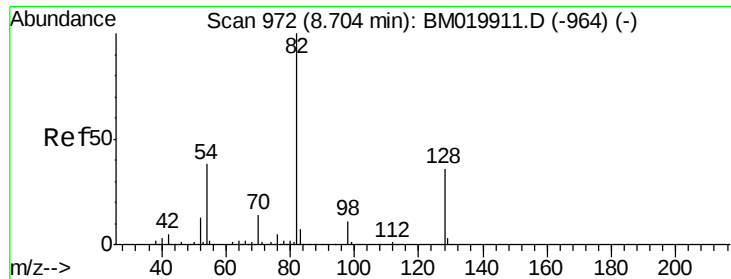
Ion 136.00 (135.70 to 136.70): BM019965.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019965.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019965.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019965.D (-1224) (-)

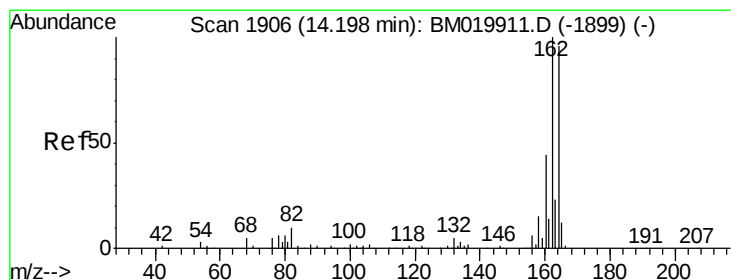
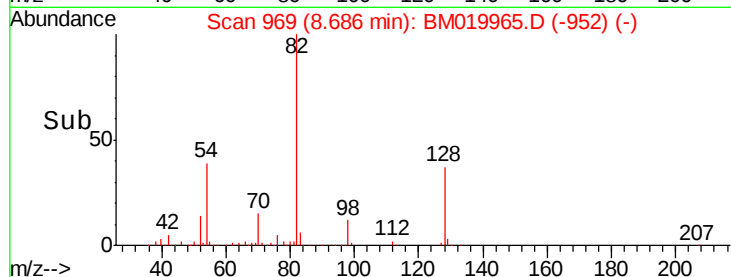
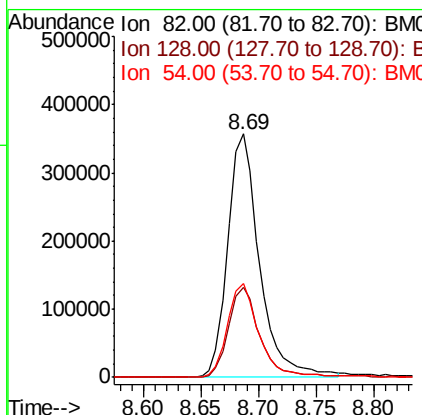
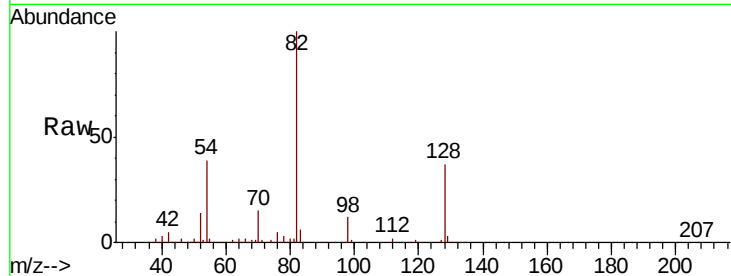




#23
Nitrobenzene-d5
Concen: 86.036 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.00 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

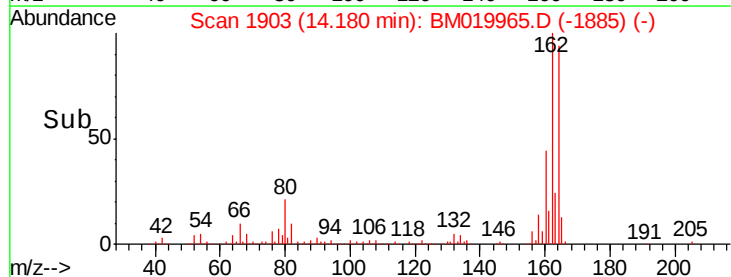
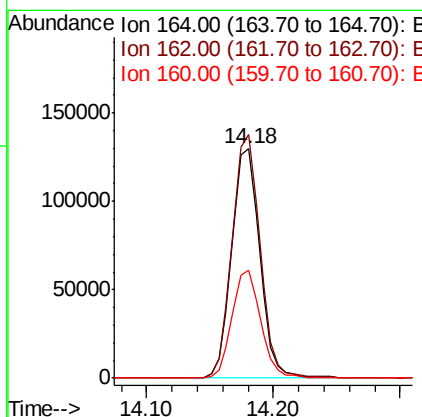
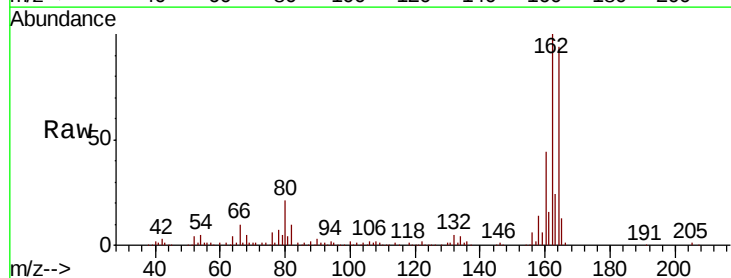
Instrument :
BNA_M
ClientSampleId :
GMW-1

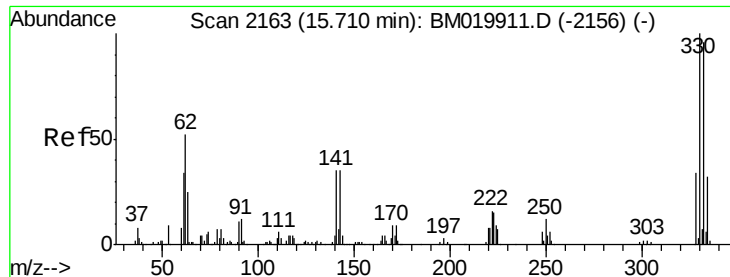
Tot Ion	82	Resp	683406
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.0	43.4
54	38.6	30.2	45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Tgt Ion	164	Resp	198835
Ion Ratio	Lower	Upper	
164	100		
162	106.2	83.0	124.4
160	47.1	36.6	55.0

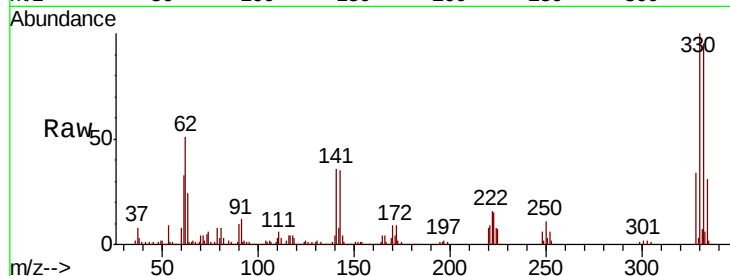




#42
 2,4,6-Tribromophenol
 Concen: 127.905 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM019965.D
 Acq: 18 Apr 2019 22:09

Instrument :
 BNA_M
 ClientSampleId :
 GMW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	38.0	29.0	43.4

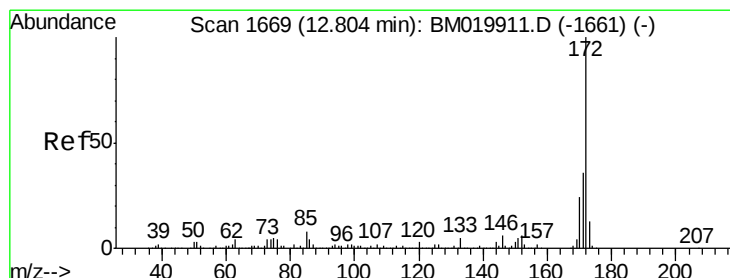
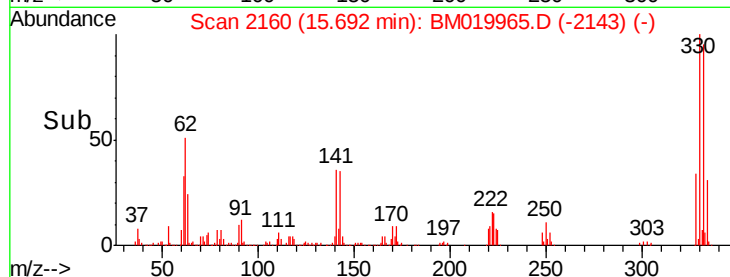
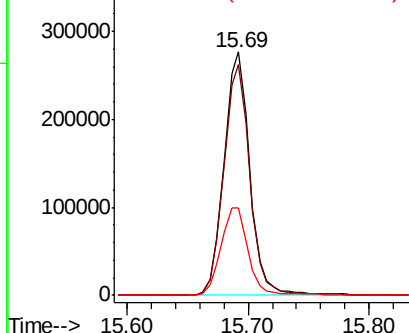


Abundance

Ion 329.80 (329.50 to 330.50): E

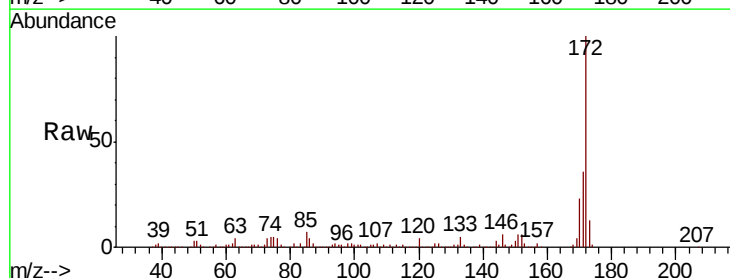
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.810 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019965.D
 Acq: 18 Apr 2019 22:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.5	19.0	28.4

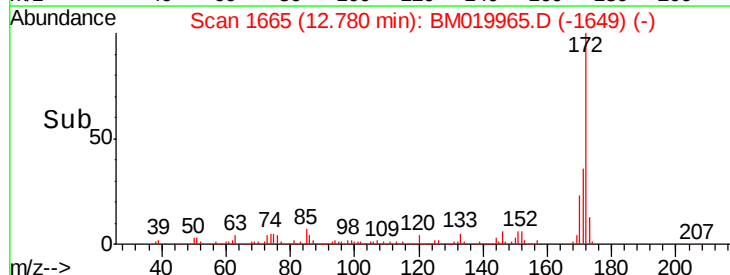
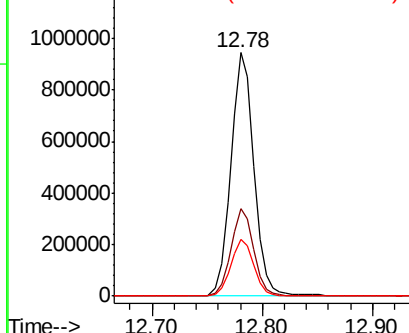


Abundance

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: 16.94 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM019965.D

Acq: 18 Apr 2019 22:09

Instrument :

BNA_M

ClientSampleId :

GMW-1

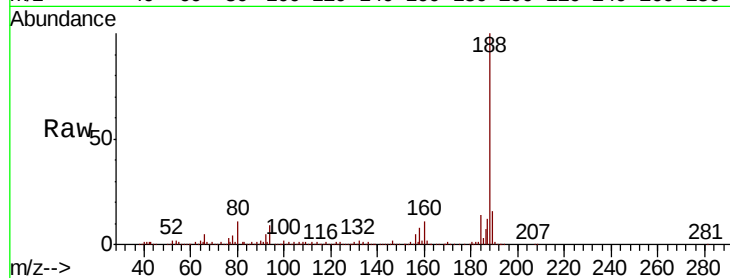
Tot Ion:188 Resp: 435277

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

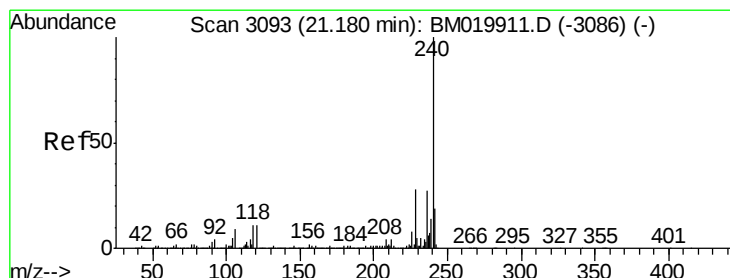
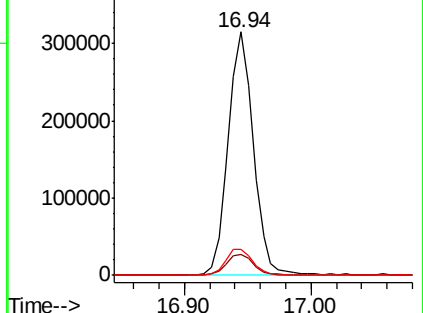
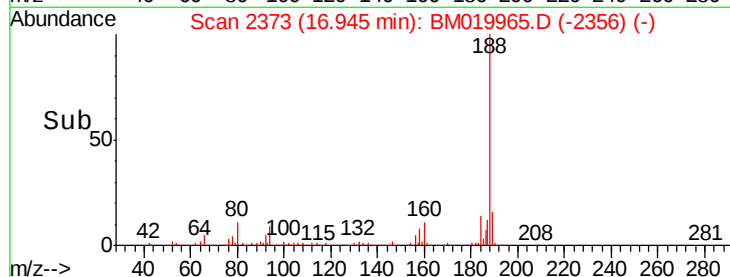
80 10.8 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM019965.D

Acq: 18 Apr 2019 22:09

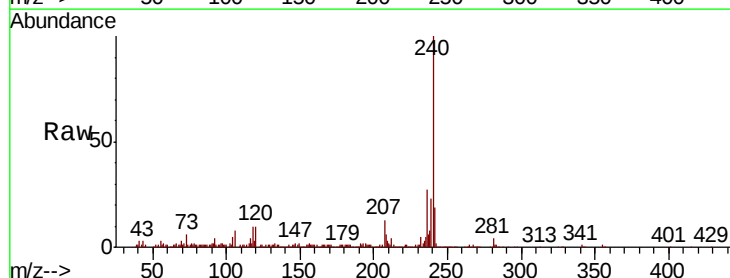
Tgt Ion:240 Resp: 414137

Ion Ratio Lower Upper

240 100

120 10.0 8.6 13.0

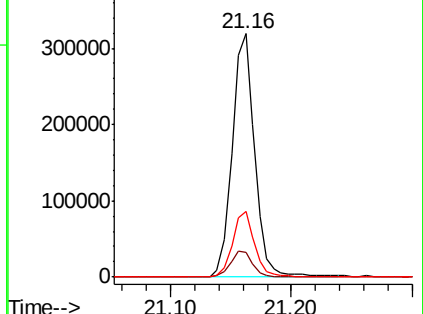
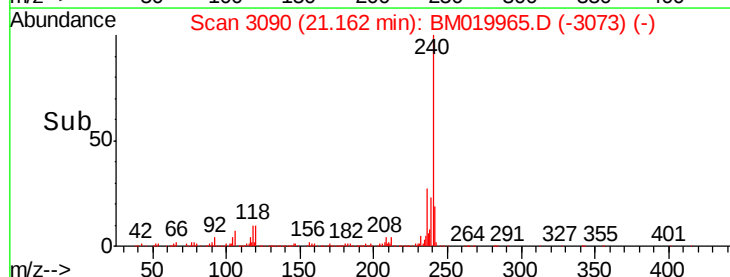
236 26.9 21.4 32.2

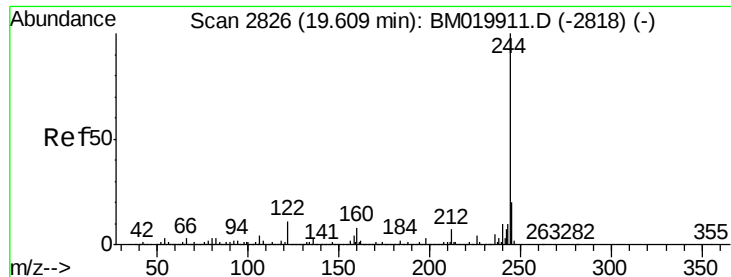


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.767 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM019965.D

Acq: 18 Apr 2019 22:09

Instrument :

BNA_M

ClientSampleId :

GMW-1

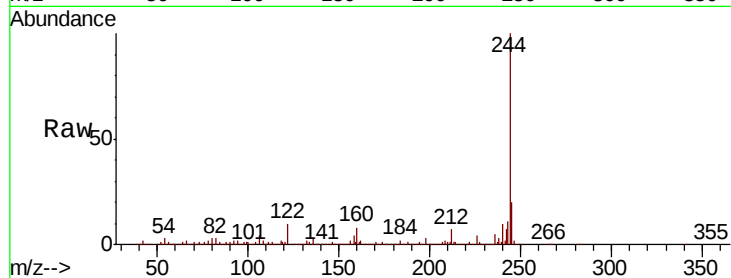
Tot Ion:244 Resp: 2037236

Ion Ratio Lower Upper

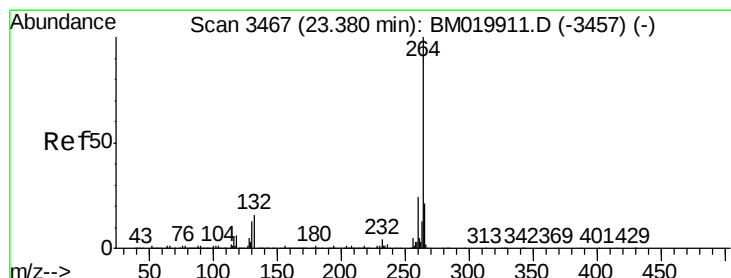
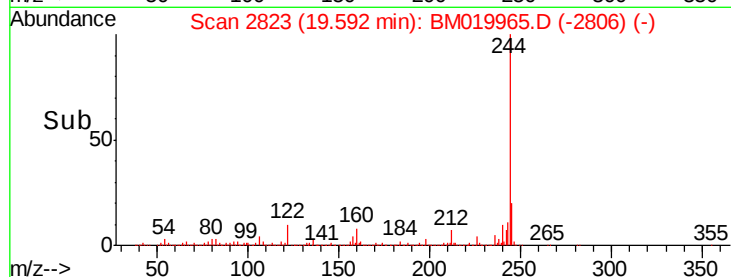
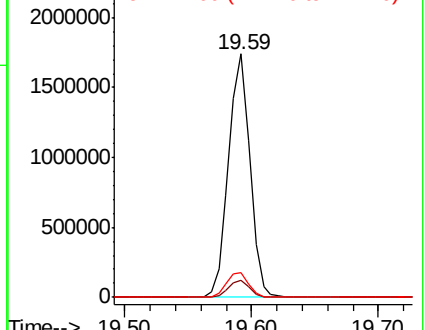
244 100

212 6.9 5.7 8.5

122 9.9 9.1 13.7



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: 23.34 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM019965.D

Acq: 18 Apr 2019 22:09

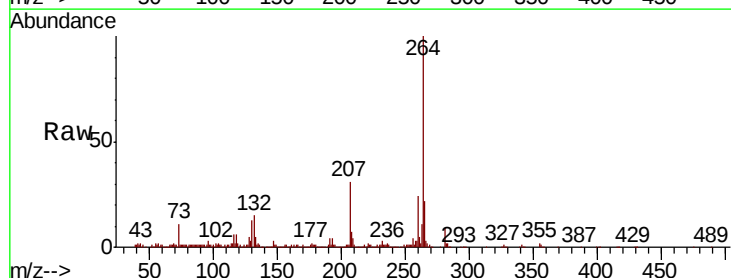
Tgt Ion:264 Resp: 508554

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.1 17.2 25.8



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

