

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019986.D
 Acq On : 19 Apr 2019 23:59
 Operator : JU/SJ
 Sample : K2487-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-10

Quant Time: Apr 20 01:07:15 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

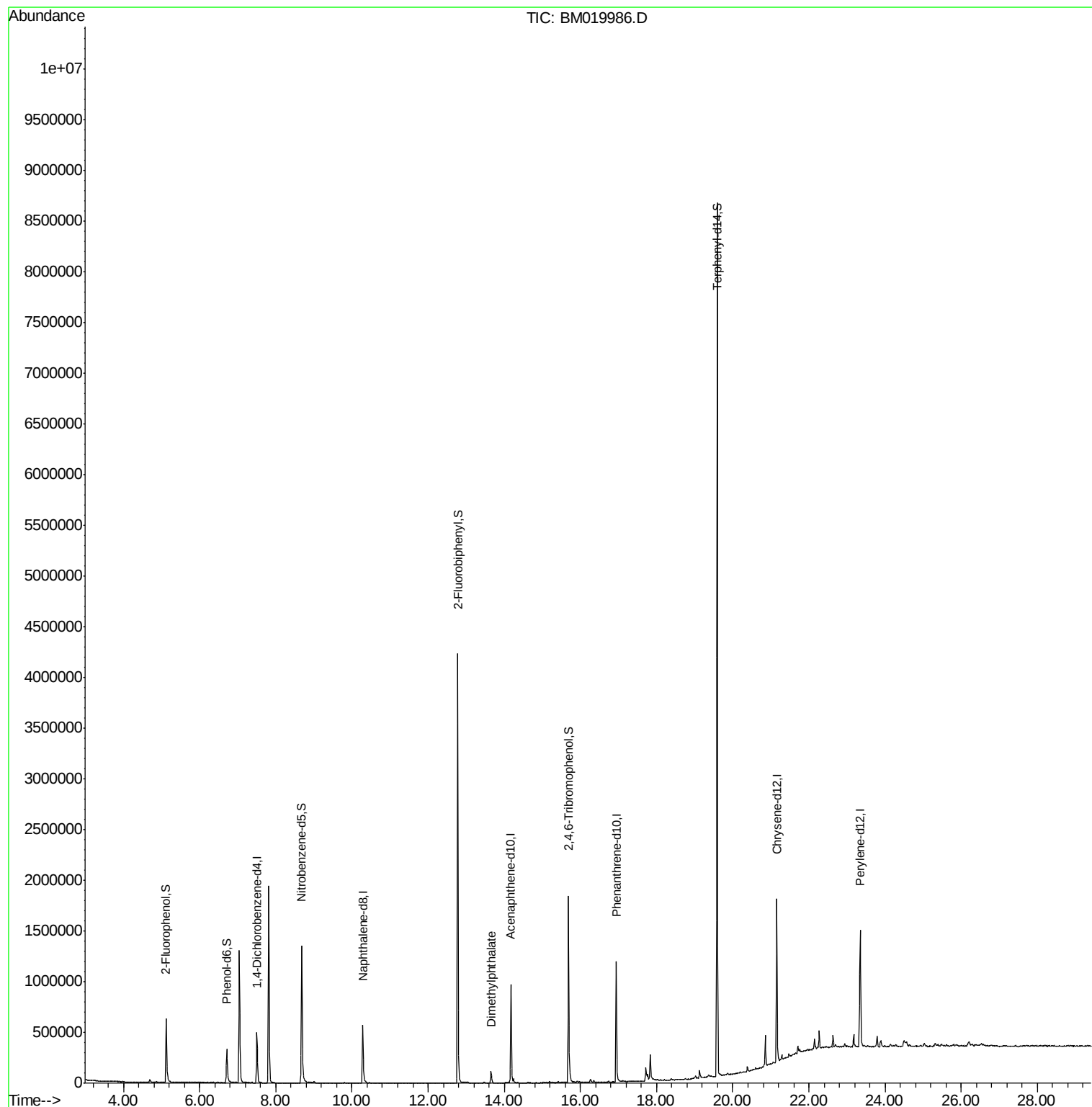
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	130693	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	520377	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	309079	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	696512	20.00	ng	0.00
76) Chrysene-d12	21.16	240	706473	20.00	ng	0.00
87) Perylene-d12	23.34	264	799643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	293040	36.34	ng	0.00
7) Phenol-d6	6.71	99	246178	20.28	ng	0.00
23) Nitrobenzene-d5	8.68	82	957952	82.33	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	342088	68.76	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	2003126	80.77	ng	0.00
79) Terphenyl-d14	19.59	244	3516080	87.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	1334	Below Cal		Qvalue # 43
50) Dimethylphthalate	13.66	163	87168	3.197 ng		99

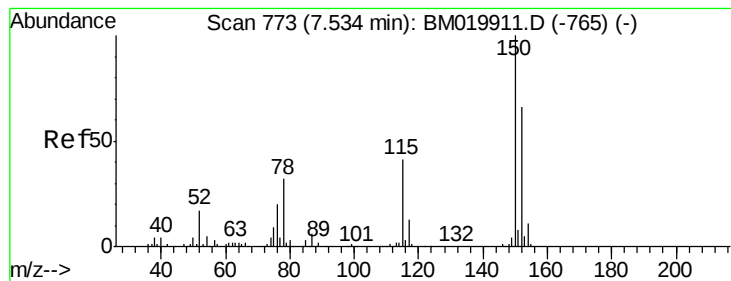
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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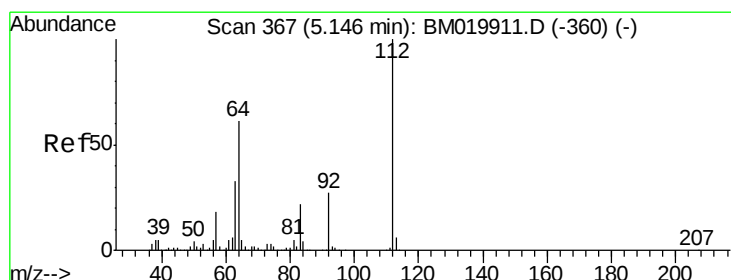
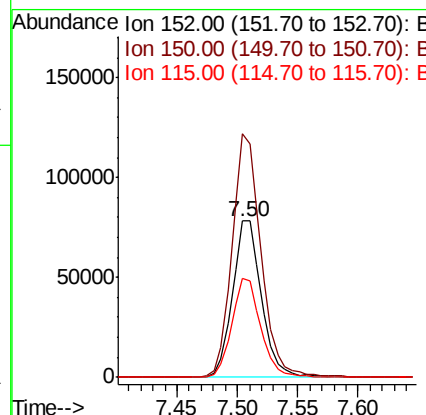
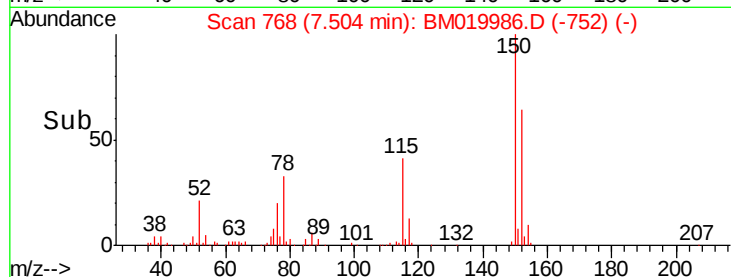
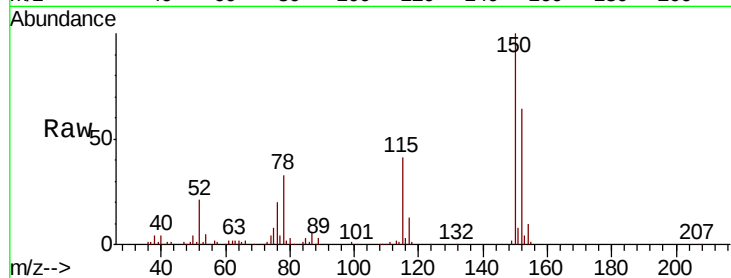


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM019986.D
Acq: 19 Apr 2019 23:59

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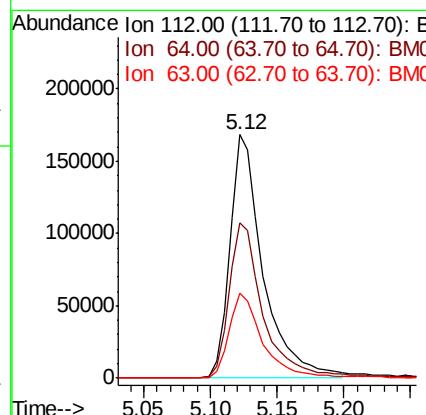
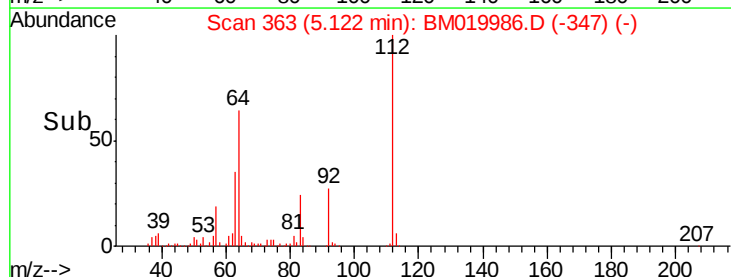
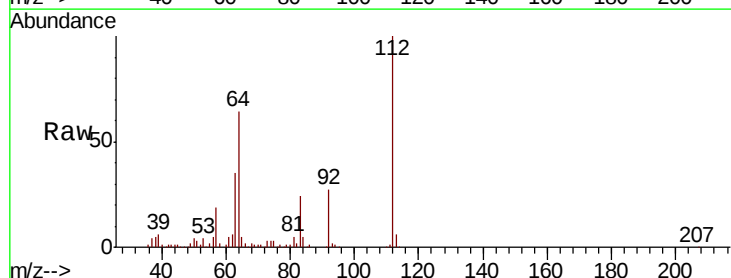
Tgt Ion:152 Resp: 130693
Ion Ratio Lower Upper
152 100
150 155.7 122.1 183.1
115 63.6 50.0 75.0

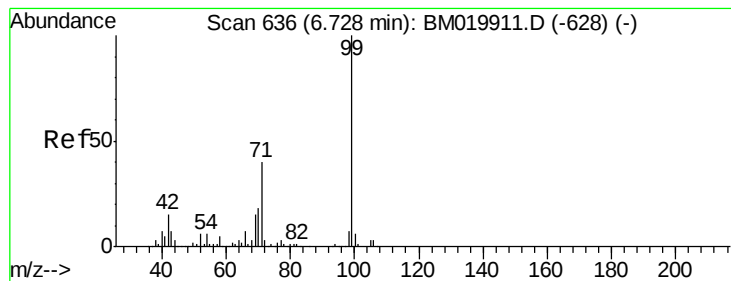


#5

2-Fluorophenol
Concen: 36.338 ng
RT: 5.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: BM019986.D
Acq: 19 Apr 2019 23:59

Tgt Ion:112 Resp: 293040
Ion Ratio Lower Upper
112 100
64 63.6 49.1 73.7
63 35.1 26.5 39.7





#7

Phenol-d6

Concen: 20.284 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019986.D

Acq: 19 Apr 2019 23:59

Instrument :

BNA_M

ClientSampleId :

GMW-10

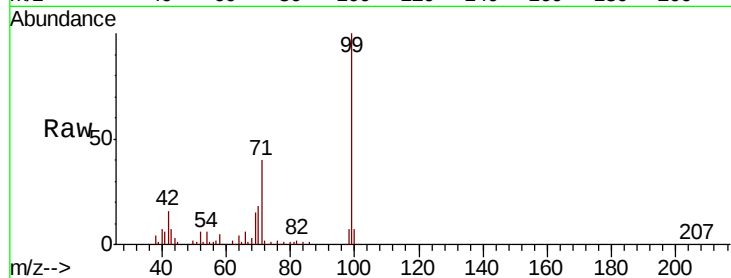
Tgt Ion: 99 Resp: 246178

Ion Ratio Lower Upper

99 100

42 15.9 11.8 17.8

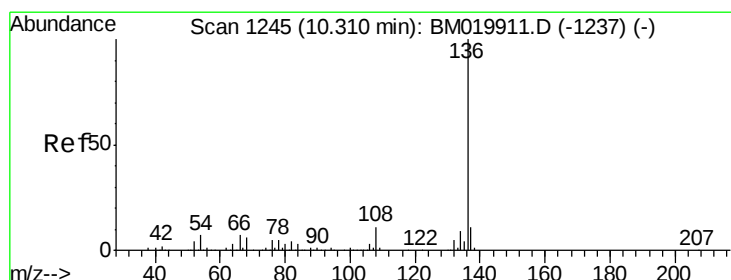
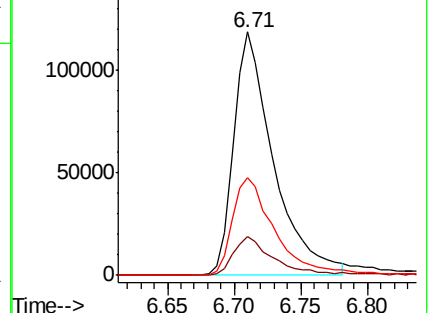
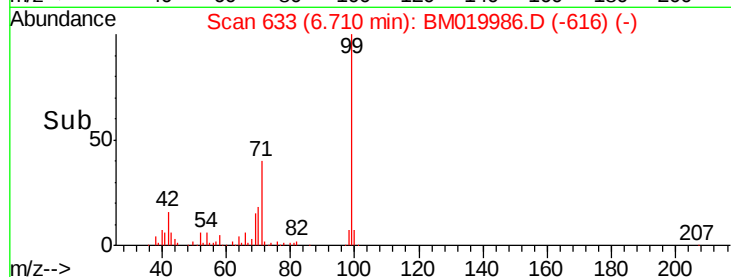
71 40.2 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019986.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019986.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019986.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM019986.D

Acq: 19 Apr 2019 23:59

Tgt Ion: 136 Resp: 520377

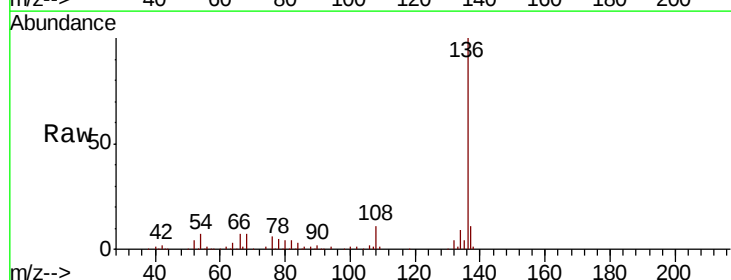
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.7 5.3 7.9

68 6.8 5.2 7.8

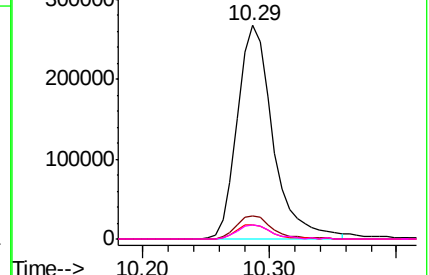
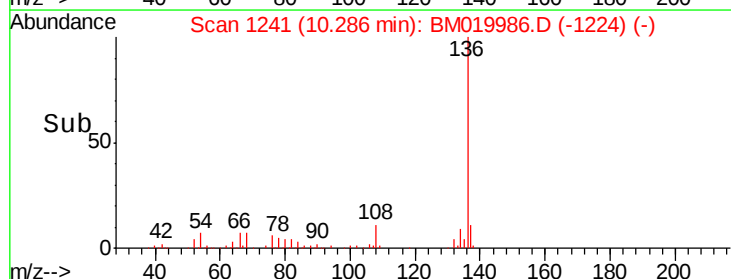


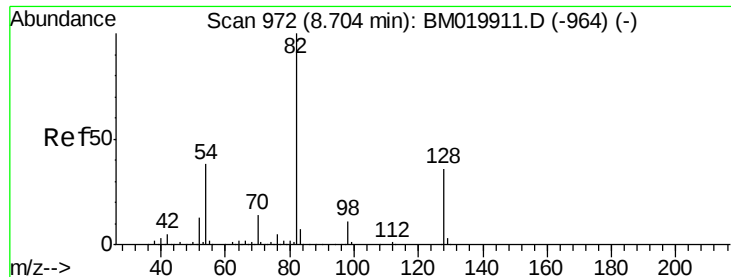
Abundance Ion 136.00 (135.70 to 136.70): BM019986.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019986.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019986.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019986.D (-1224) (-)

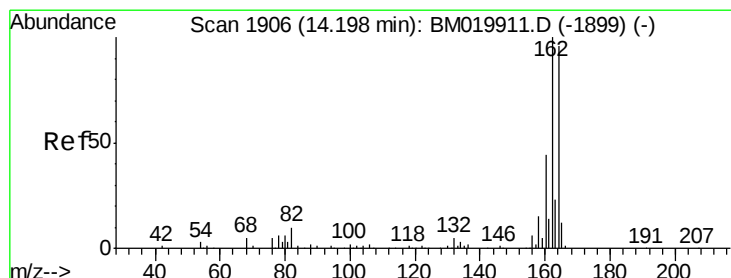
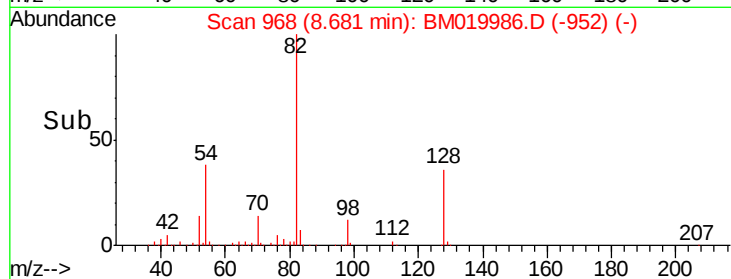
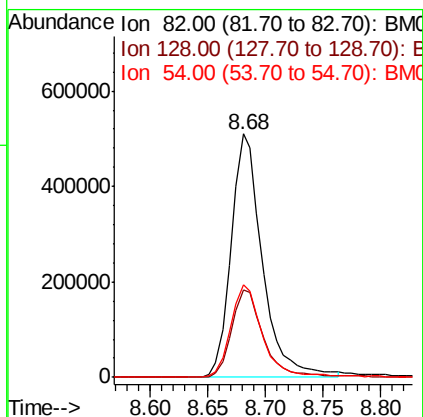
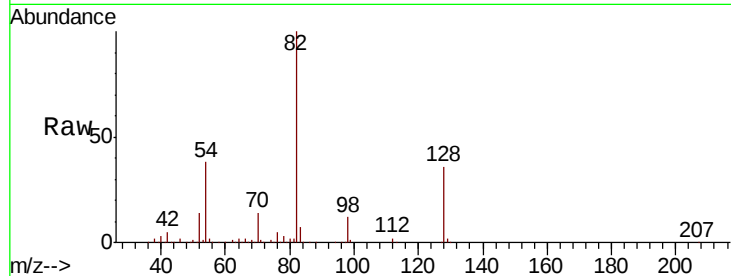




#23
Nitrobenzene-d5
Concen: 82.326 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM019986.D
Acq: 19 Apr 2019 23:59

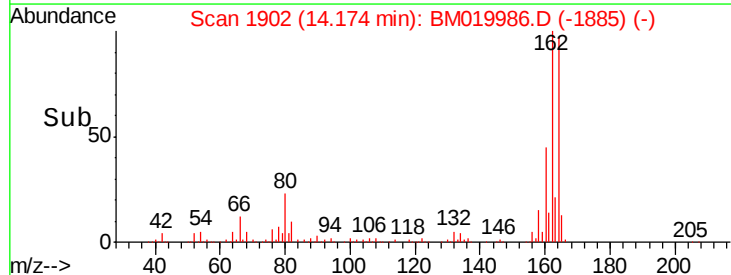
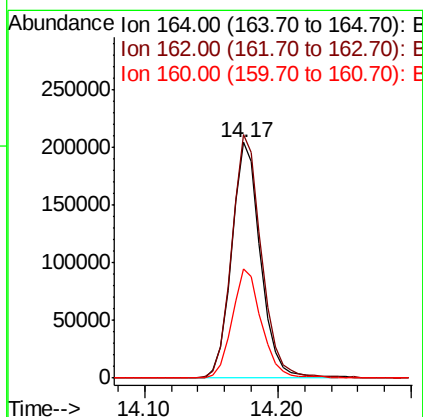
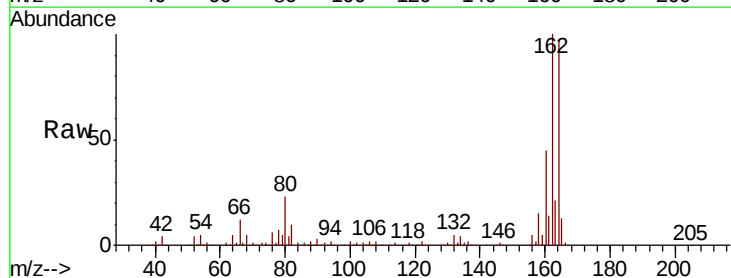
Instrument :
BNA_M
ClientSampleId :
GMW-10

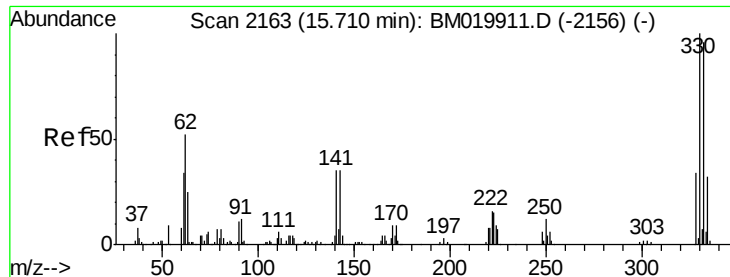
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.0	43.4
54	37.9	30.2	45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BM019986.D
Acq: 19 Apr 2019 23:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.4
160	46.1	36.6	55.0

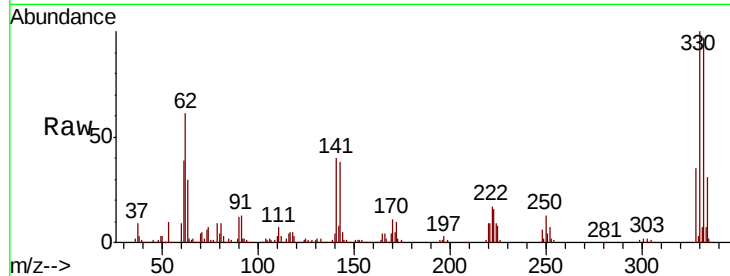




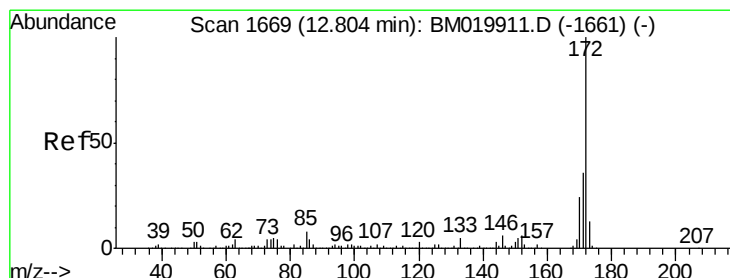
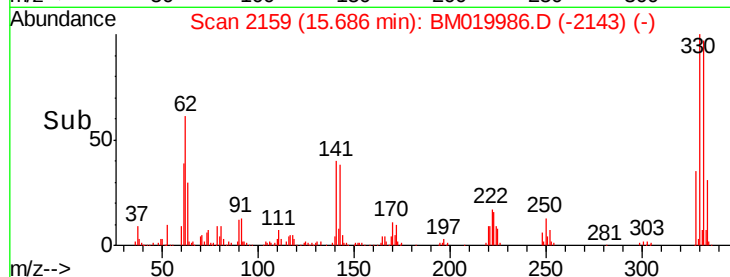
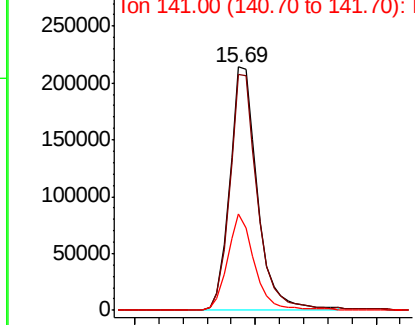
#42
 2,4,6-Tribromophenol
 Concen: 68.757 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM019986.D
 Acq: 19 Apr 2019 23:59

Instrument :
 BNA_M
 ClientSampled :
 GMW-10

Tgt Ion:330 Resp: 342088
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 38.4 29.0 43.4

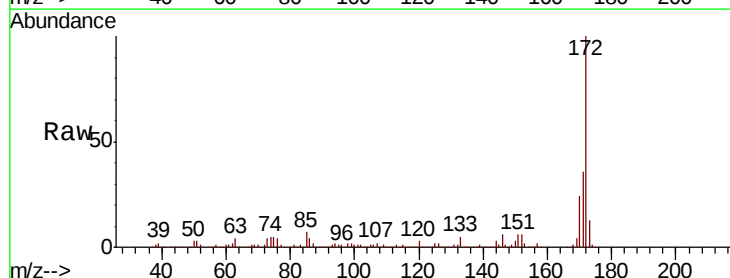


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

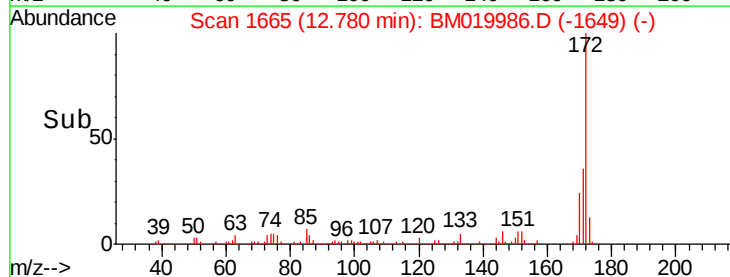
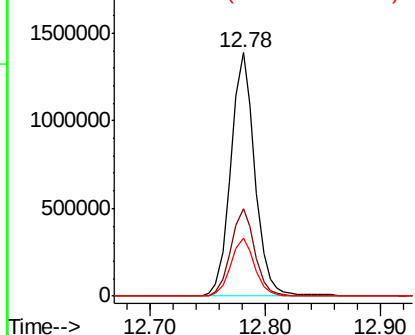


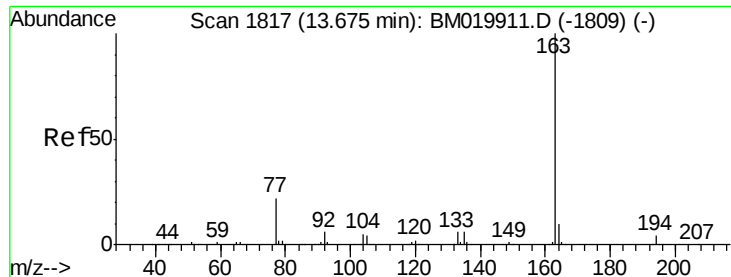
#45
 2-Fluorobiphenyl
 Concen: 80.768 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019986.D
 Acq: 19 Apr 2019 23:59

Tgt Ion:172 Resp: 2003126
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.1 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





#50

Dimethylphthalate

Concen: 3.197 ng

RT: 13.66 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BM019986.D

Acq: 19 Apr 2019 23:59

Instrument :

BNA_M

ClientSampleId :

GMW-10

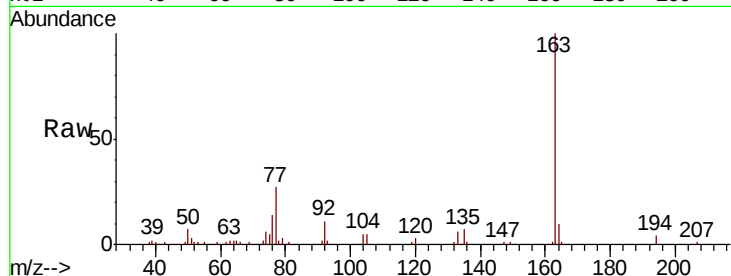
Tgt Ion:163 Resp: 87168

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

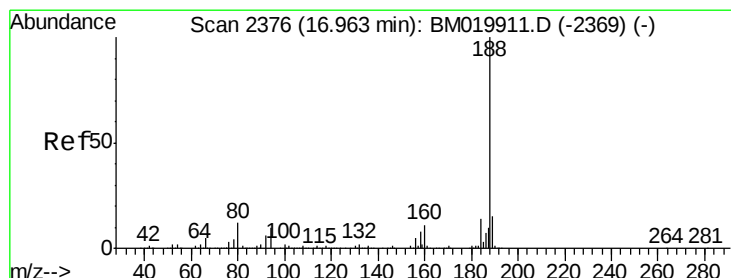
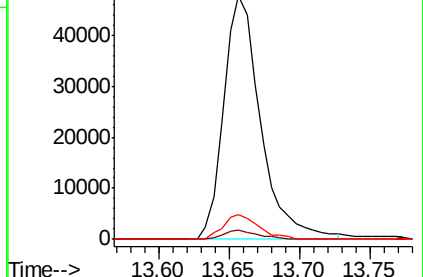
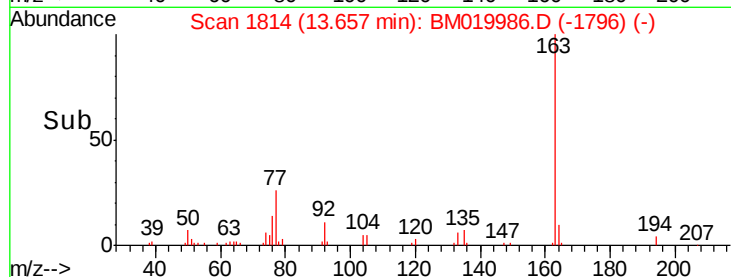
164 10.4 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.94 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM019986.D

Acq: 19 Apr 2019 23:59

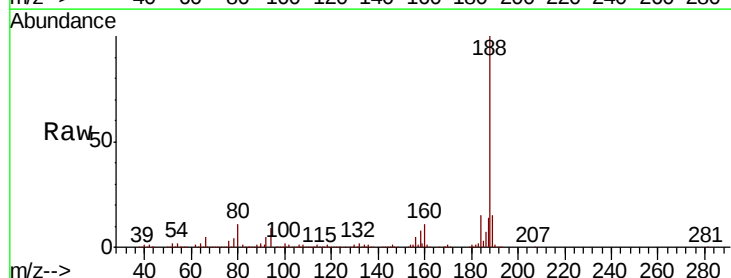
Tgt Ion:188 Resp: 696512

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

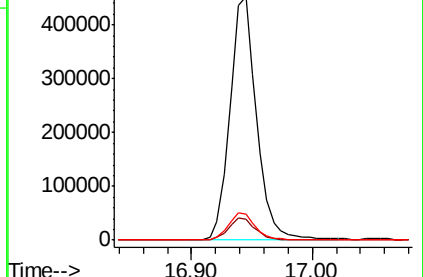
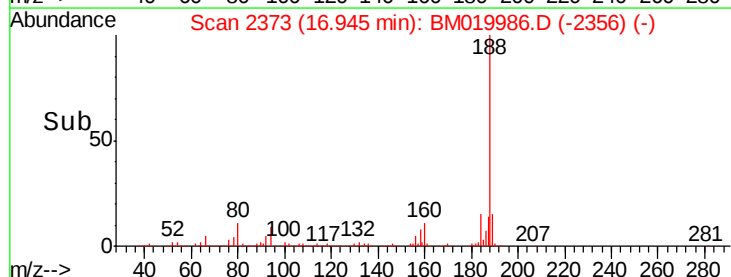
80 10.8 9.4 14.0

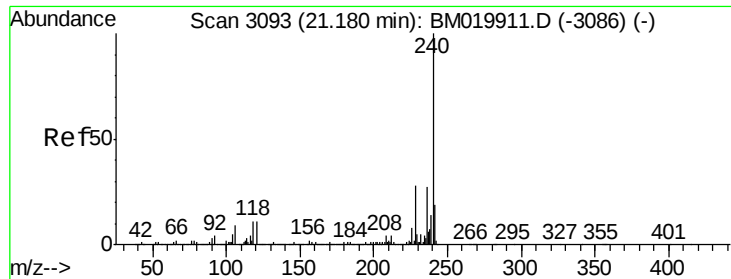


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

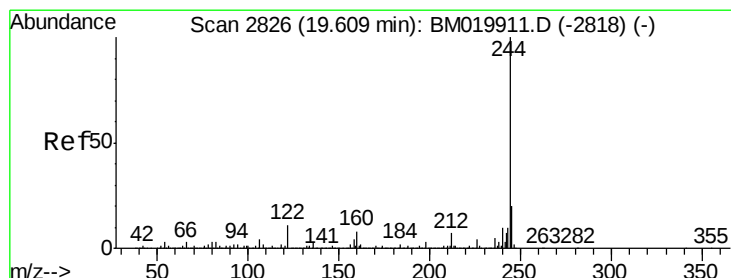
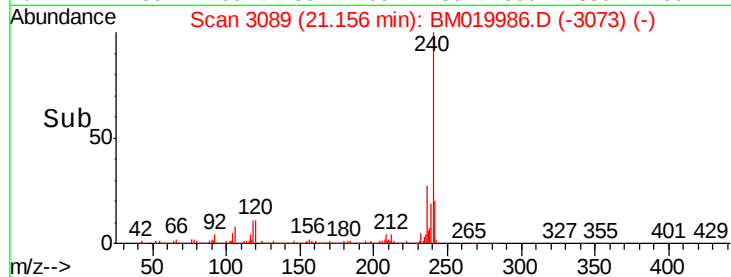
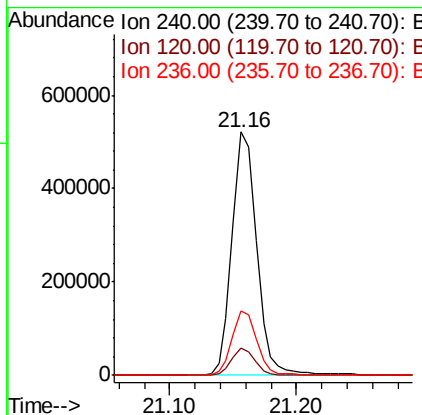
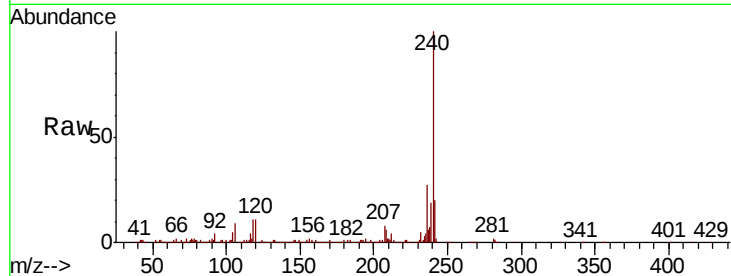




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM019986.D
Acq: 19 Apr 2019 23:59

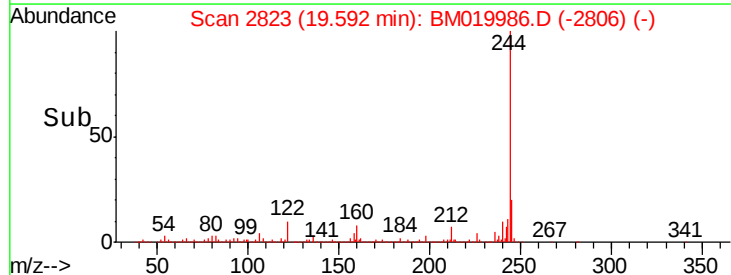
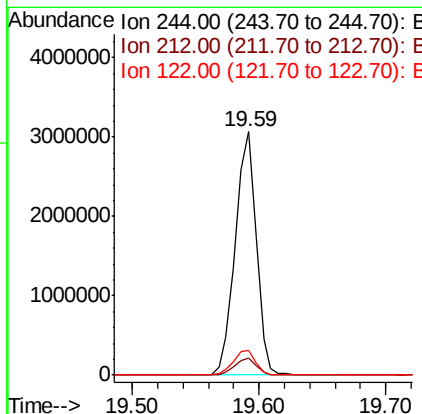
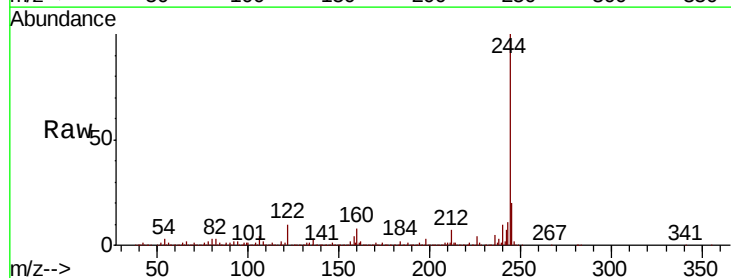
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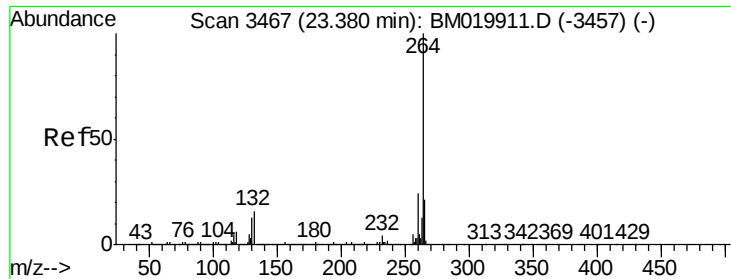
Tgt Ion:240 Resp: 706473
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 26.5 21.4 32.2



#79
Terphenyl-d14
Concen: 87.785 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM019986.D
Acq: 19 Apr 2019 23:59

Tgt Ion:244 Resp: 3516080
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.3 9.1 13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM019986.D
Acq: 19 Apr 2019 23:59

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.2	25.8

