

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040131.D
 Acq On : 26 Mar 2019 00:13
 Operator : JU/SJ
 Sample : K2059-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Mar 26 05:43:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

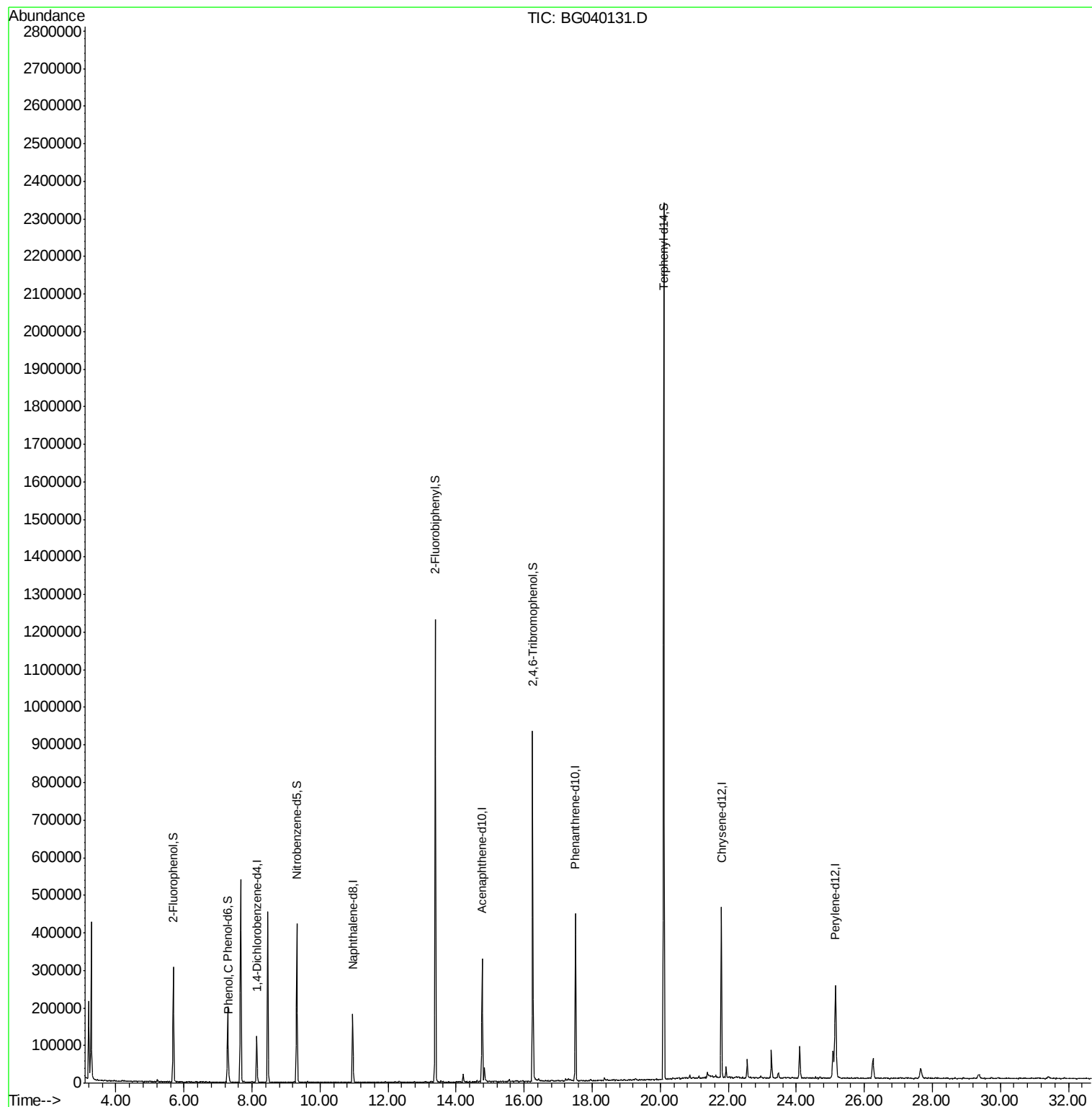
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33064	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	153706	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	112038	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	273564	20.00	ng	-0.03
76) Chrysene-d12	21.80	240	279581	20.00	ng	-0.03
87) Perylene-d12	25.15	264	282053	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	129998	67.08	ng	-0.03
7) Phenol-d6	7.28	99	118070	40.86	ng	-0.03
23) Nitrobenzene-d5	9.32	82	251496	88.49	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	166741	127.68	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	662902	84.24	ng	-0.03
79) Terphenyl-d14	20.11	244	1069233	84.21	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	14822	4.735	ng	Qvalue 92

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

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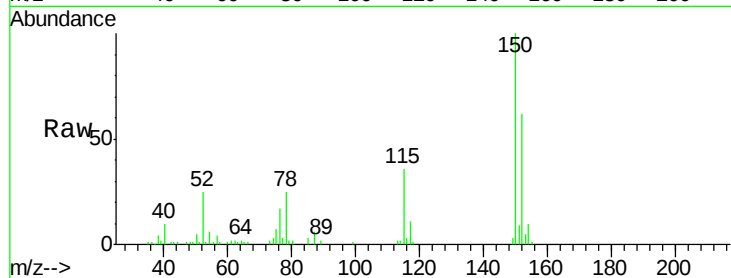
Tgt Ion:152 Resp: 33064

Ion Ratio Lower Upper

152 100

150 161.7 123.7 185.5

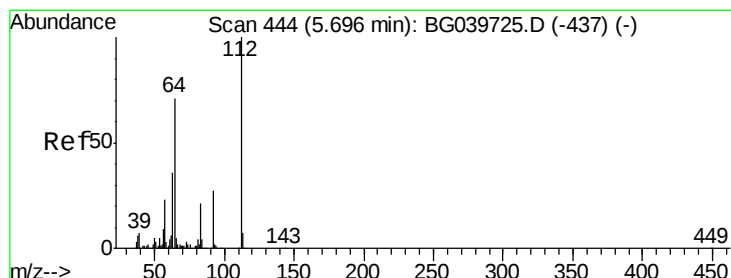
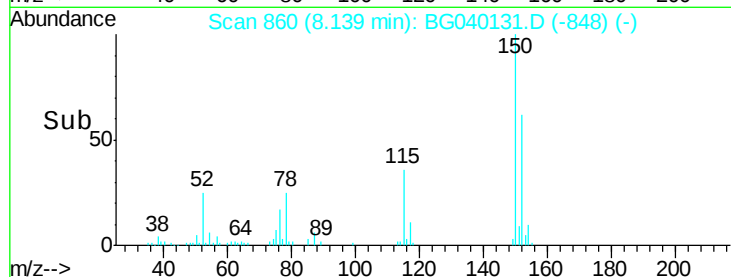
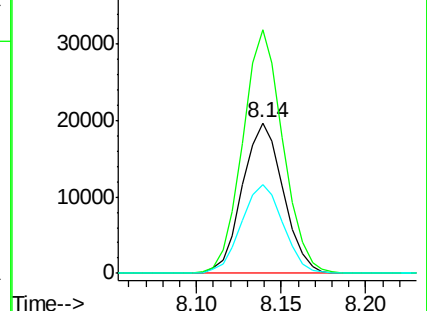
115 58.7 45.9 68.9



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: 67.075 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.03 min

Lab File: BG040131.D

Acq: 26 Mar 2019 00:13

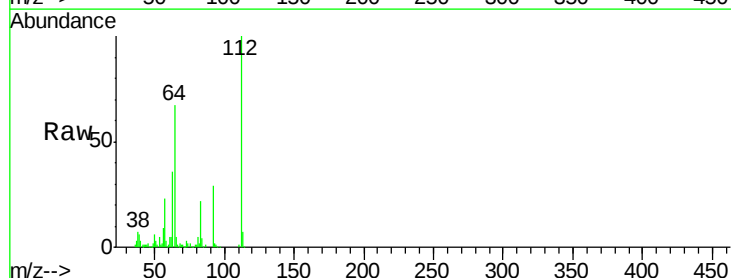
Tgt Ion:112 Resp: 129998

Ion Ratio Lower Upper

112 100

64 67.2 57.8 86.8

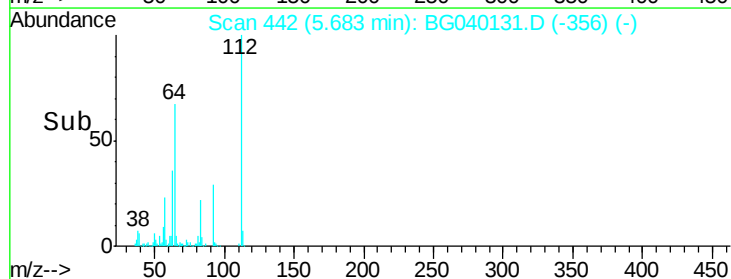
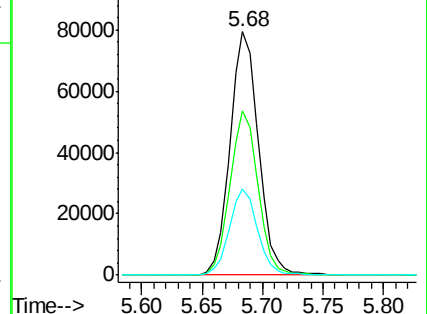
63 35.6 29.8 44.6

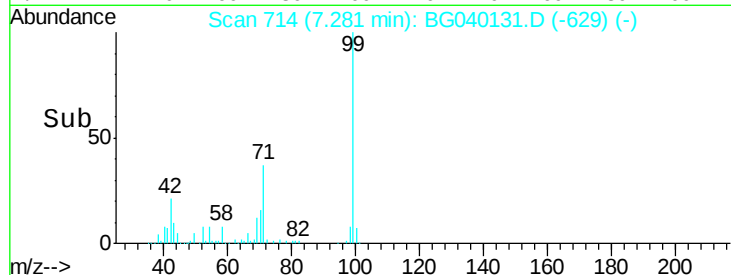
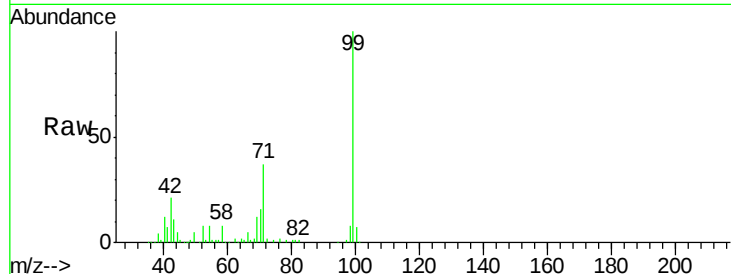


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.857 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

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ClientSampleId :

MW-1

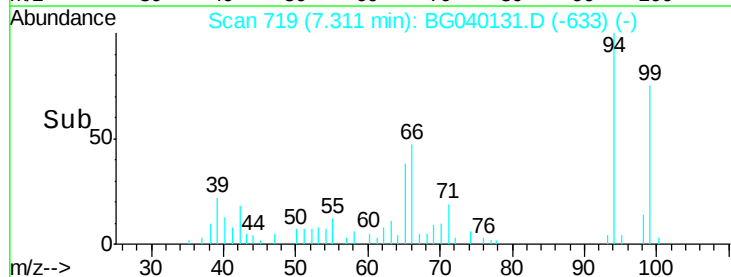
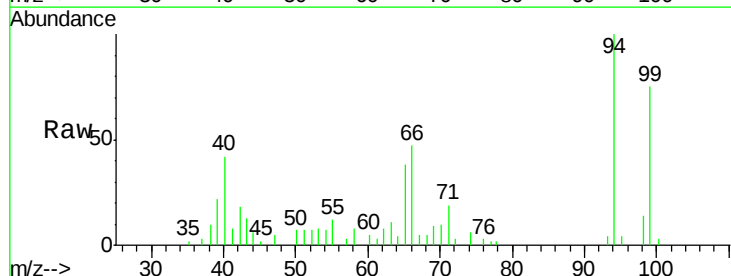
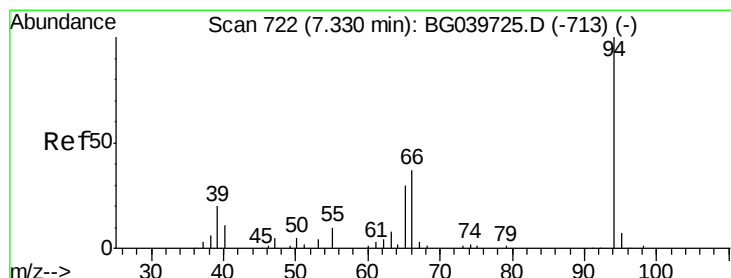
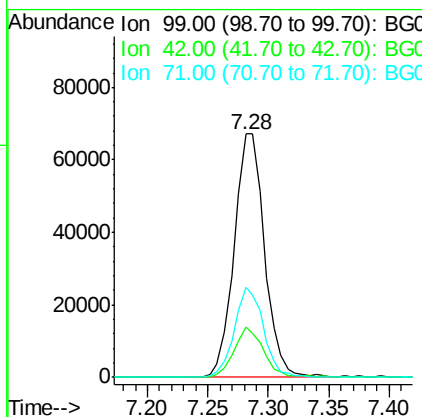
Tgt Ion: 99 Resp: 118070

Ion Ratio Lower Upper

99 100

42 20.7 18.2 27.2

71 37.1 28.0 42.0



#10

Phenol

Concen: 4.735 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.03 min

Lab File: BG040131.D

Acq: 26 Mar 2019 00:13

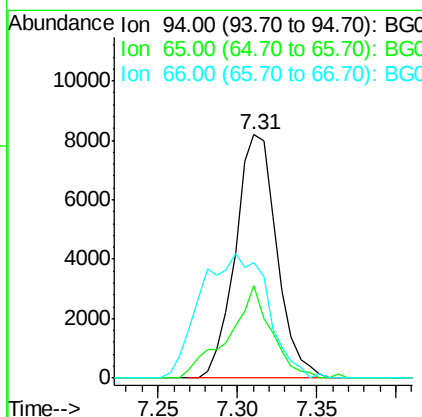
Tgt Ion: 94 Resp: 14822

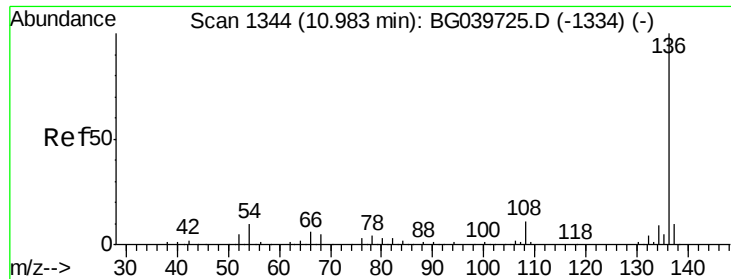
Ion Ratio Lower Upper

94 100

65 38.3 11.7 51.7

66 47.5 23.7 63.7

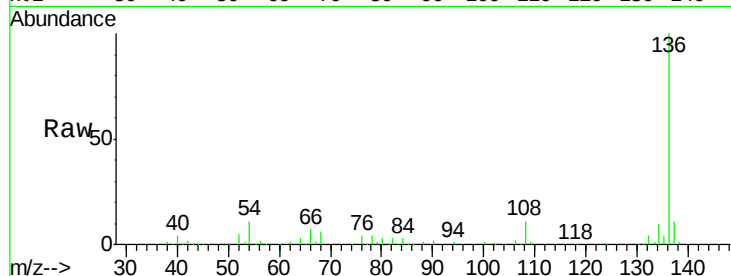




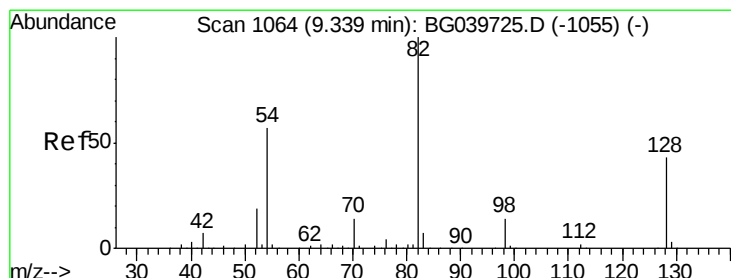
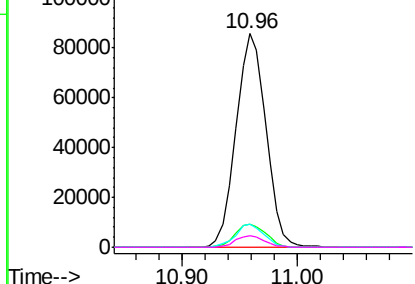
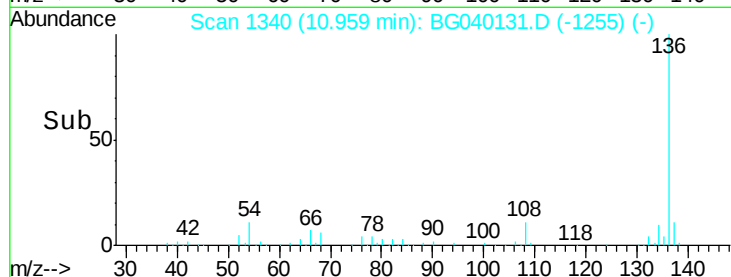
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040131.D
Acq: 26 Mar 2019 00:13

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:	136	Resp:	153706
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	10.8	9.4	14.2
68	5.7	4.2	6.4

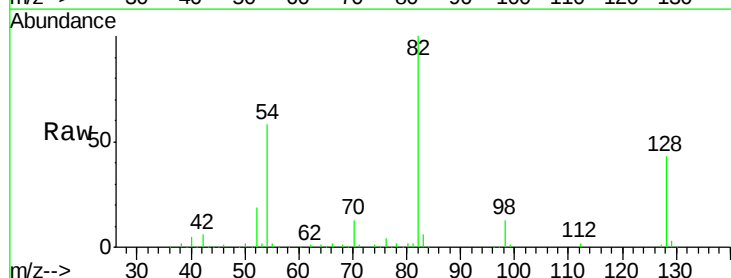


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

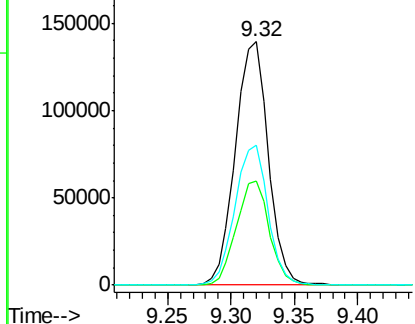
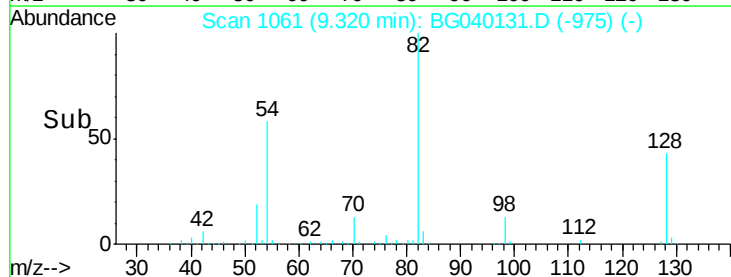


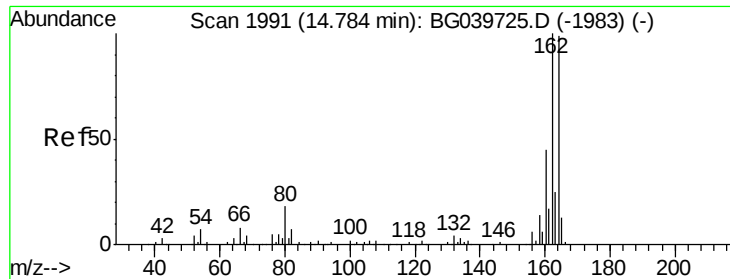
#23
Nitrobenzene-d5
Concen: 88.493 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG040131.D
Acq: 26 Mar 2019 00:13

Tgt Ion:	82	Resp:	251496
Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	57.6	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.03 min

Lab File: BG040131.D

Acq: 26 Mar 2019 00:13

Instrument :

BNA_G

ClientSampleId :

MW-1

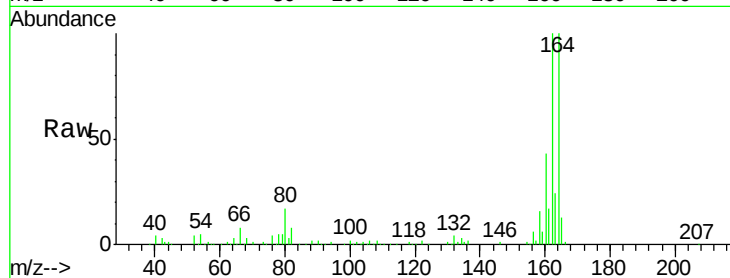
Tgt Ion:164 Resp: 112038

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

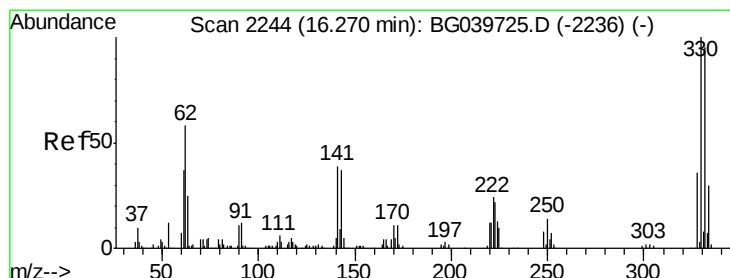
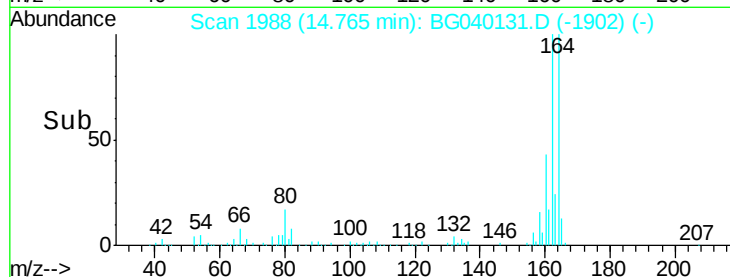
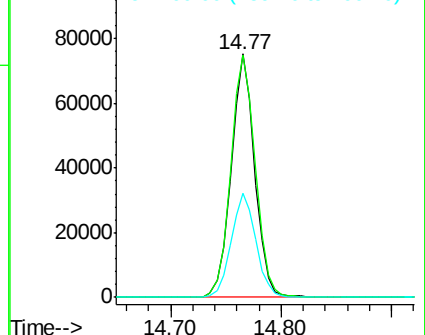
160 43.0 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 127.684 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.03 min

Lab File: BG040131.D

Acq: 26 Mar 2019 00:13

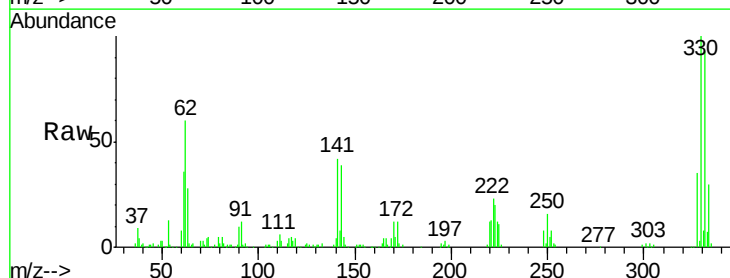
Tgt Ion:330 Resp: 166741

Ion Ratio Lower Upper

330 100

332 94.4 75.7 113.5

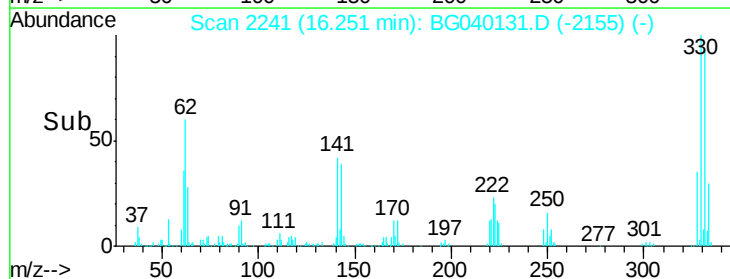
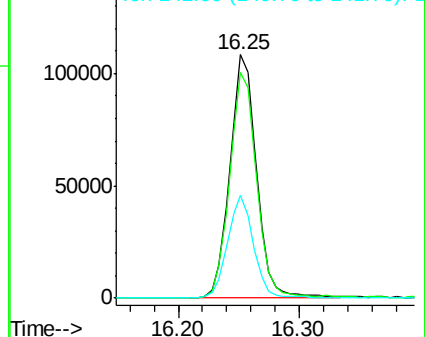
141 41.4 35.6 53.4



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

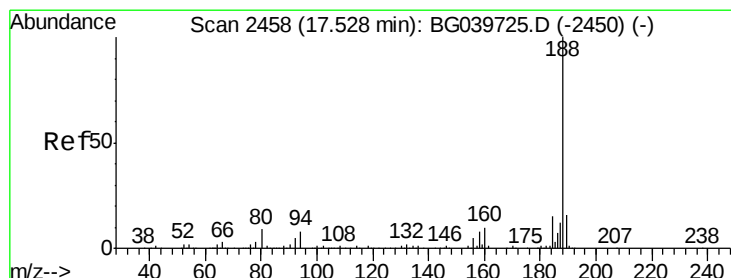
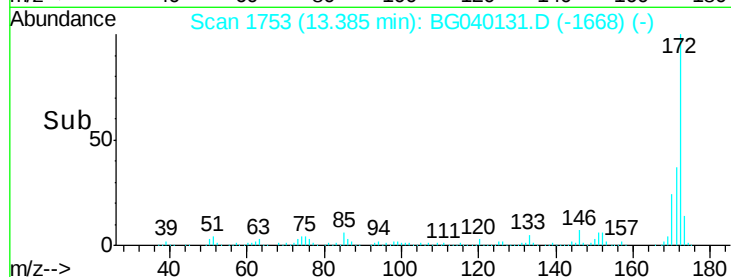
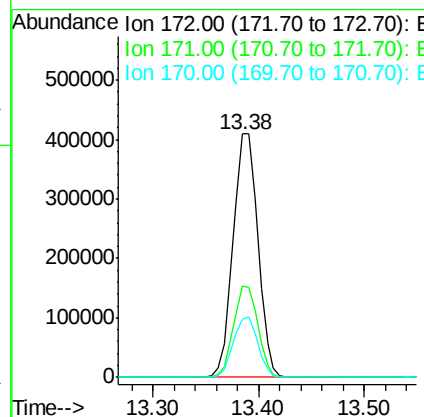
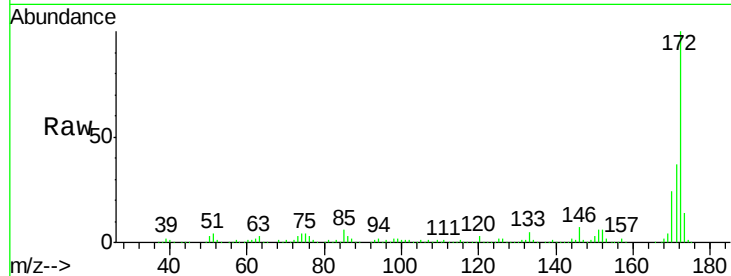




#45
 2-Fluorobiphenyl
 Concen: 84.245 ng
 RT: 13.38 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040131.D
 Acq: 26 Mar 2019 00:13

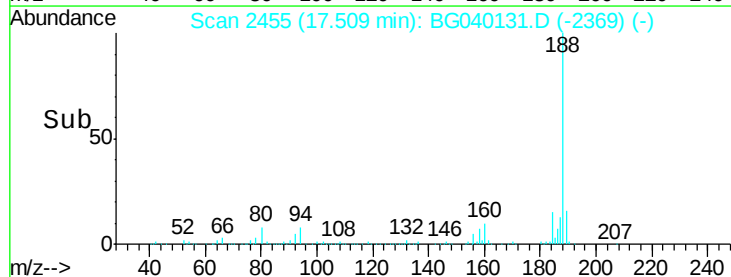
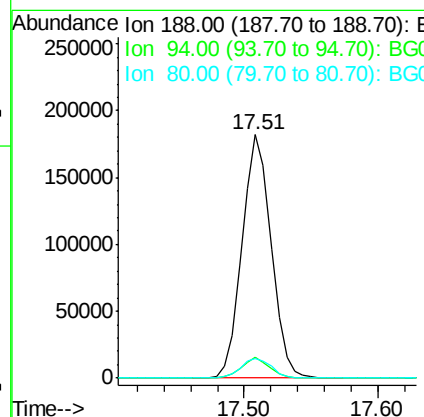
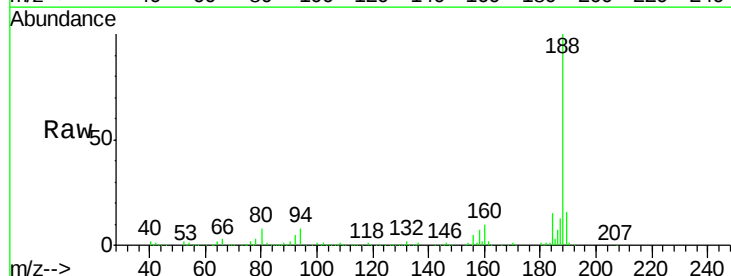
Instrument :
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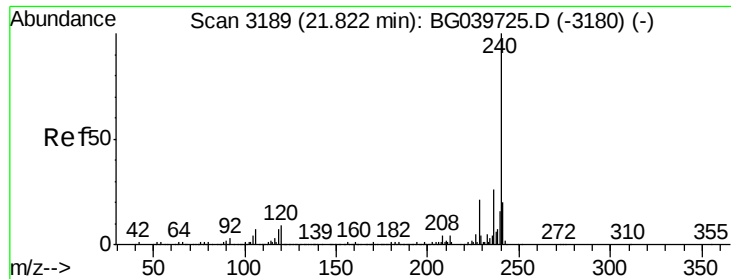
Tgt Ion:172 Resp: 662902
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 24.0 20.2 30.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.03 min
 Lab File: BG040131.D
 Acq: 26 Mar 2019 00:13

Tgt Ion:188 Resp: 273564
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.9 10.3
 80 7.9 8.1 12.1#

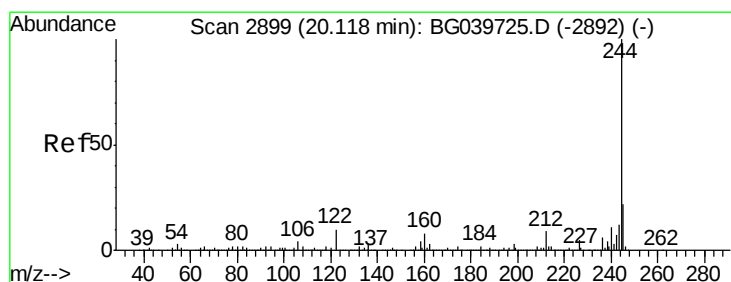
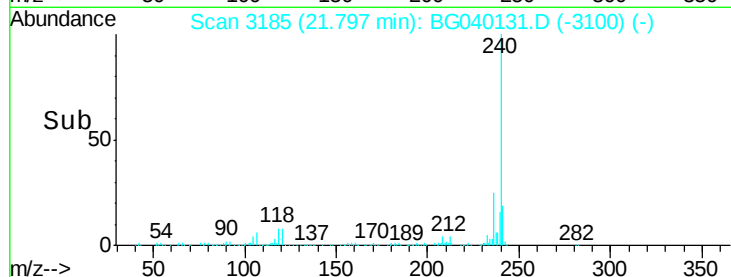
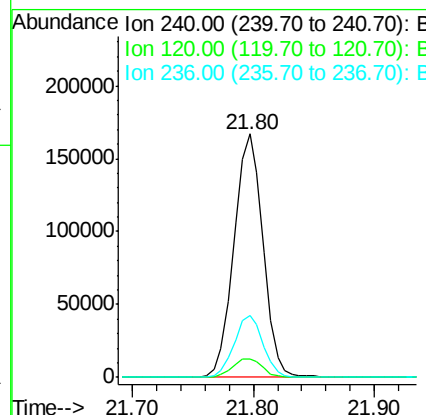
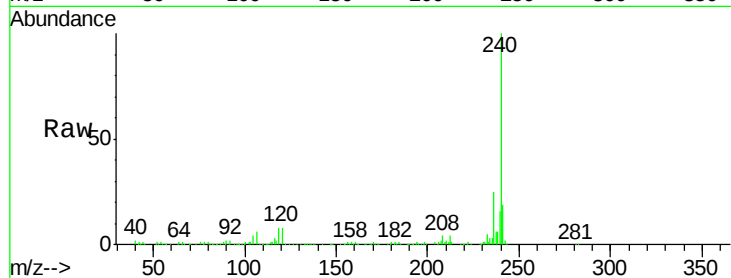




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040131.D
Acq: 26 Mar 2019 00:13

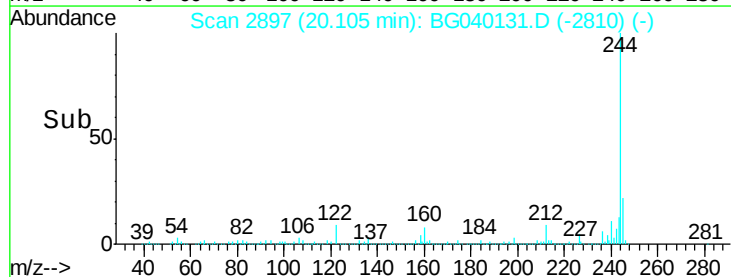
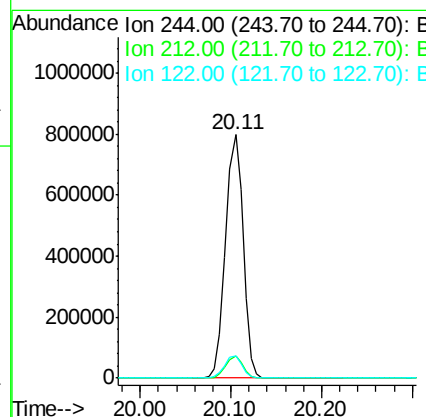
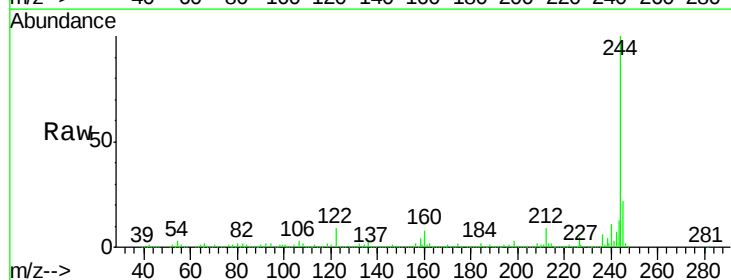
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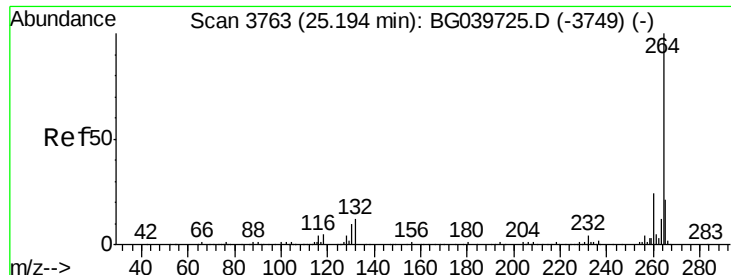
Tgt Ion:240 Resp: 279581
Ion Ratio Lower Upper
240 100
120 7.5 7.0 10.6
236 25.5 21.0 31.4



#79
Terphenyl-d14
Concen: 84.206 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040131.D
Acq: 26 Mar 2019 00:13

Tgt Ion:244 Resp: 1069233
Ion Ratio Lower Upper
244 100
212 9.1 7.3 10.9
122 8.9 8.4 12.6





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.15 min Scan# 3756
 Delta R.T. -0.05 min
 Lab File: BG040131.D
 Acq: 26 Mar 2019 00:13

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.2	27.4
265	21.5	18.5	27.7

