

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040145.D
 Acq On : 26 Mar 2019 10:52
 Operator : JU/SJ
 Sample : K2059-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Quant Time: Mar 26 14:30:50 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

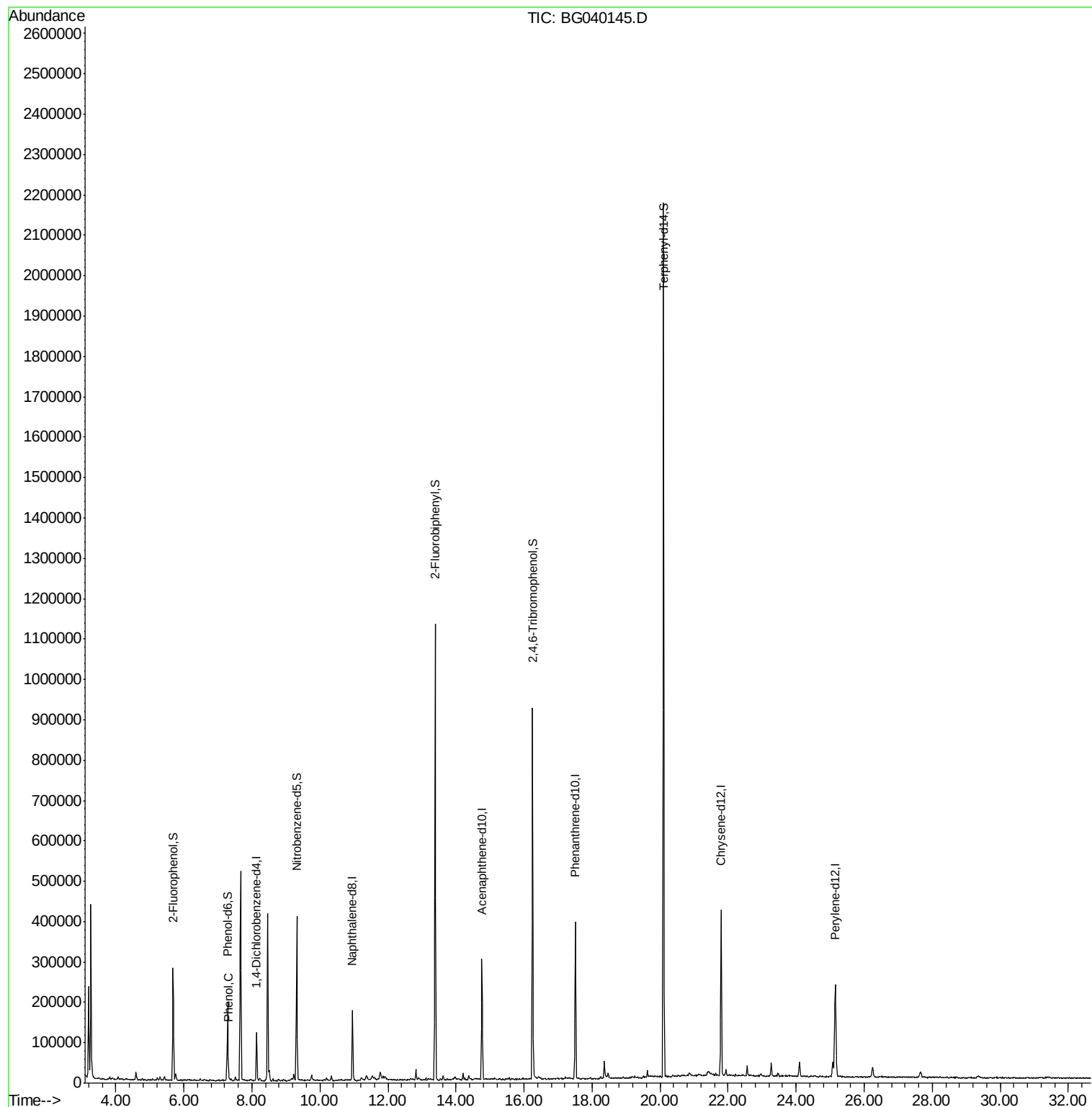
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33449	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	145075	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	102742	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	253105	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	258463	20.00	ng	-0.03
87) Perylene-d12	25.15	264	261927	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	120266	61.34	ng	-0.02
7) Phenol-d6	7.28	99	114761	39.26	ng	-0.03
23) Nitrobenzene-d5	9.32	82	236512	88.17	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	166192	138.78	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	596788	82.70	ng	-0.03
79) Terphenyl-d14	20.10	244	989066	84.26	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	7042	2.224	ng	Qvalue 93

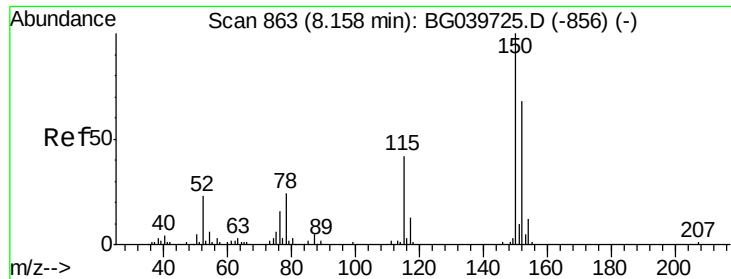
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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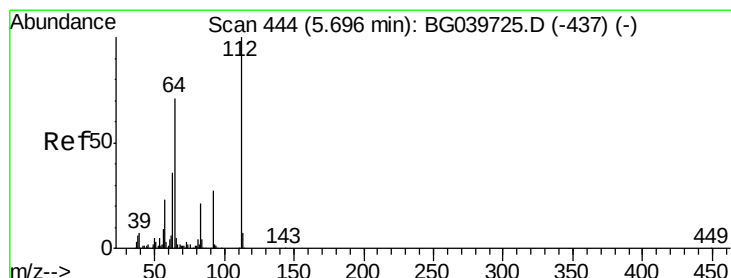
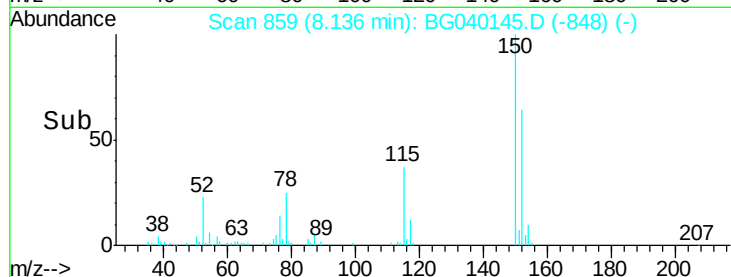
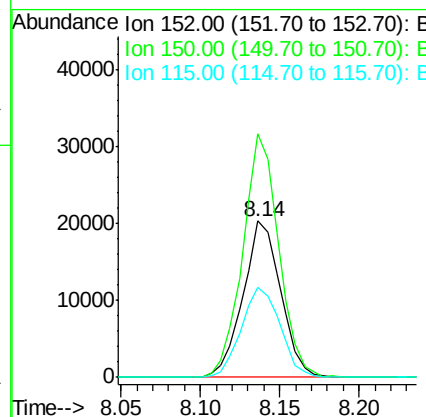
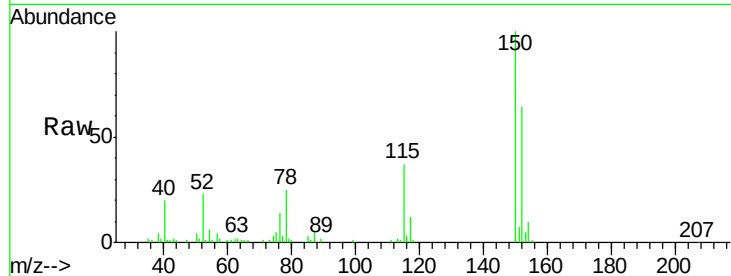


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :
MW-7

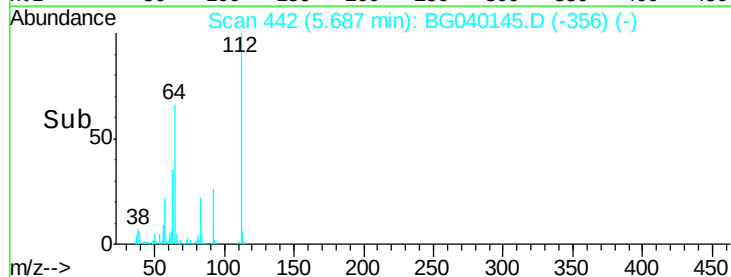
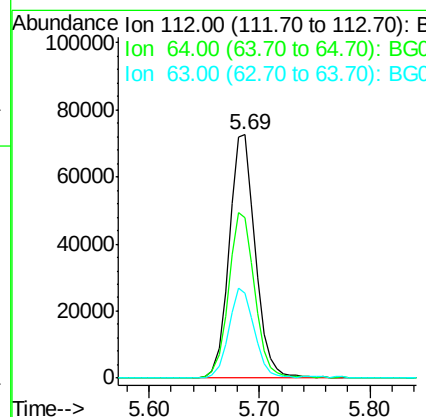
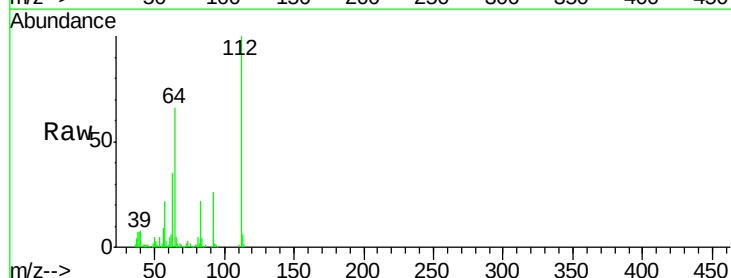
Tgt Ion:152 Resp: 33449
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 58.0 45.9 68.9

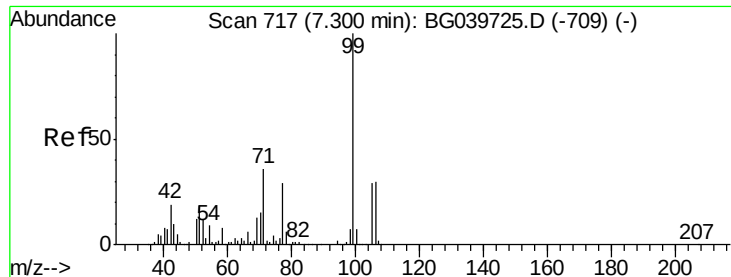


#5

2-Fluorophenol
Concen: 61.340 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion:112 Resp: 120266
Ion Ratio Lower Upper
112 100
64 66.1 57.8 86.8
63 34.9 29.8 44.6





#7

Phenol-d6

Concen: 39.255 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040145.D

Acq: 26 Mar 2019 10:52

Instrument :

BNA_G

ClientSampleId :

MW-7

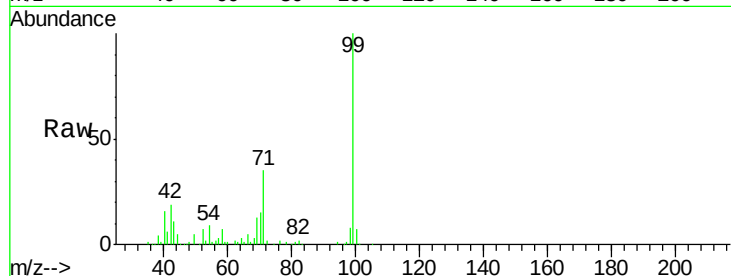
Tgt Ion: 99 Resp: 114761

Ion Ratio Lower Upper

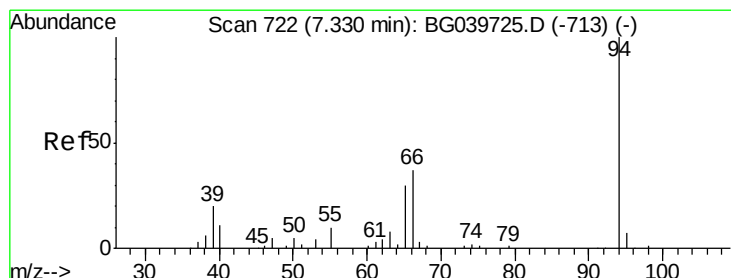
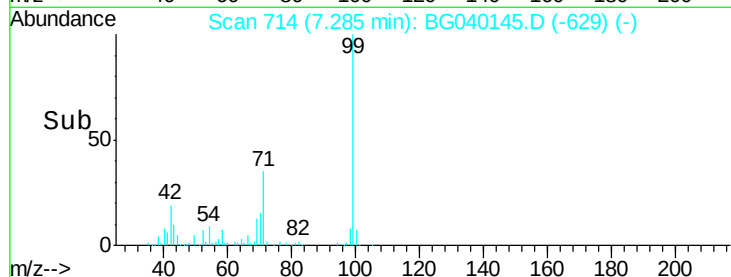
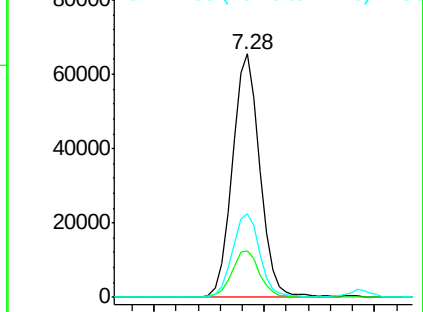
99 100

42 19.0 18.2 27.2

71 34.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.224 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG040145.D

Acq: 26 Mar 2019 10:52

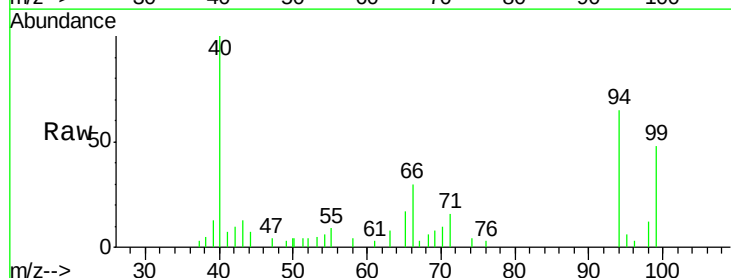
Tgt Ion: 94 Resp: 7042

Ion Ratio Lower Upper

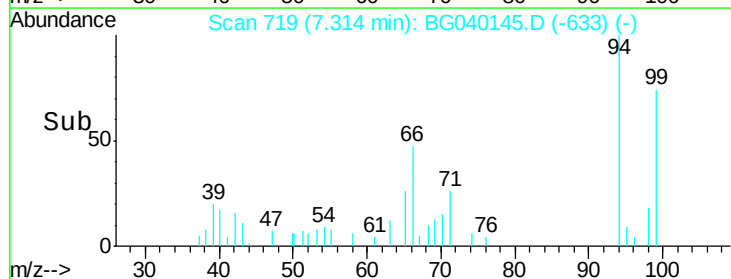
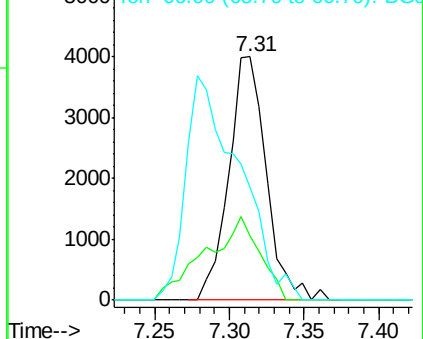
94 100

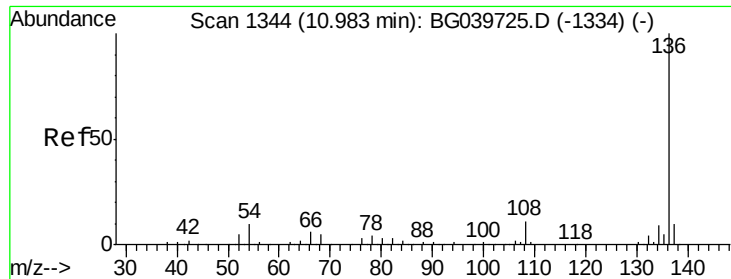
65 26.2 11.7 51.7

66 46.7 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

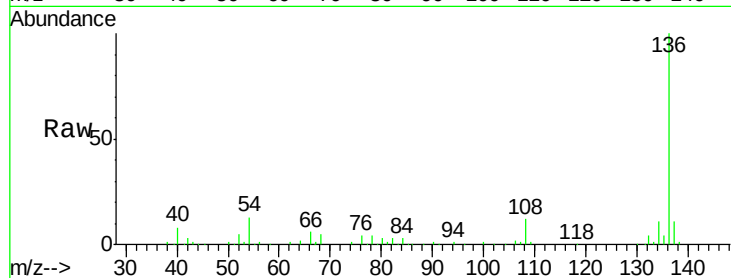




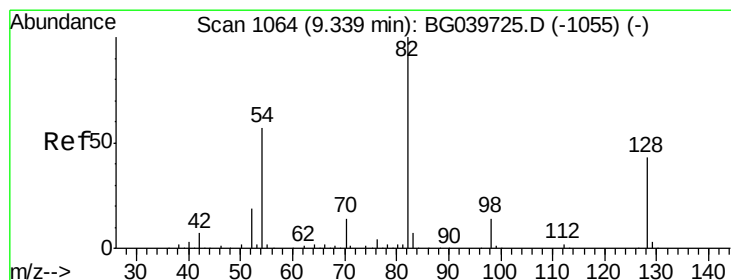
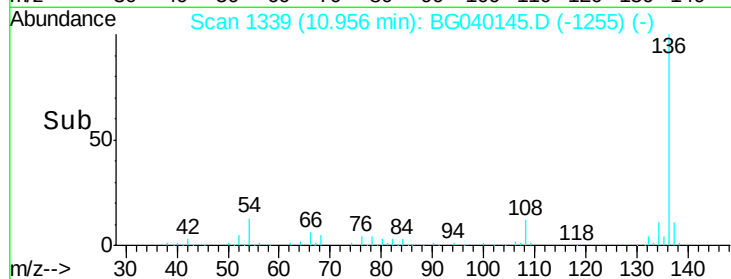
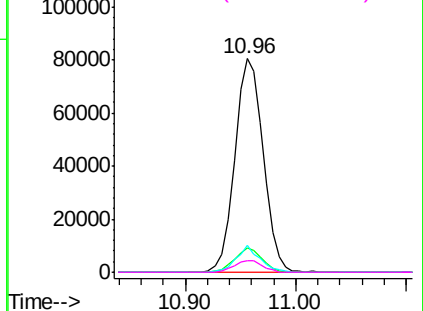
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Instrument :
BNA_G
ClientSampleId :
MW-7

Tgt Ion:	136	Resp:	145075
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	12.6	9.4	14.2
68	5.4	4.2	6.4

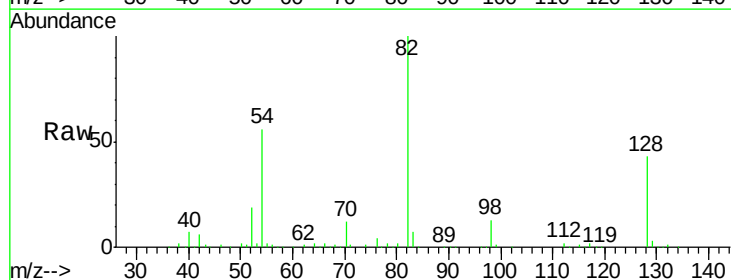


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

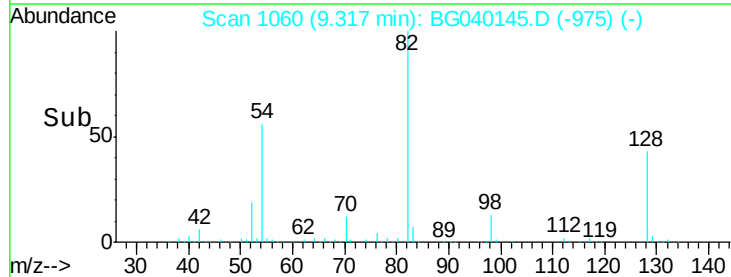
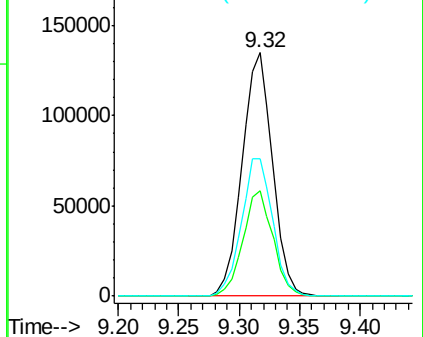


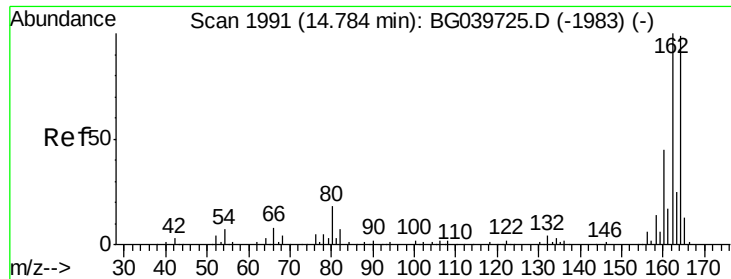
#23
Nitrobenzene-d5
Concen: 88.172 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040145.D
Acq: 26 Mar 2019 10:52

Tgt Ion:	82	Resp:	236512
Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	56.4	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: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040145.D

Acq: 26 Mar 2019 10:52

Instrument :

BNA_G

ClientSampleId :

MW-7

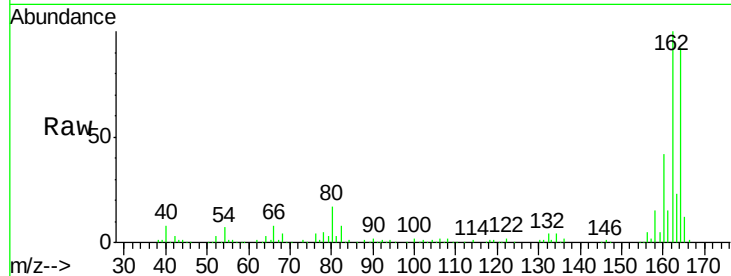
Tgt Ion:164 Resp: 102742

Ion Ratio Lower Upper

164 100

162 109.0 81.6 122.4

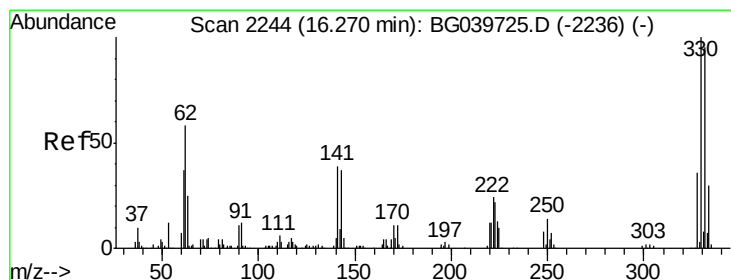
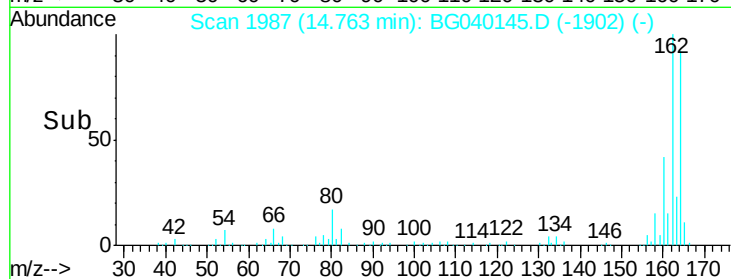
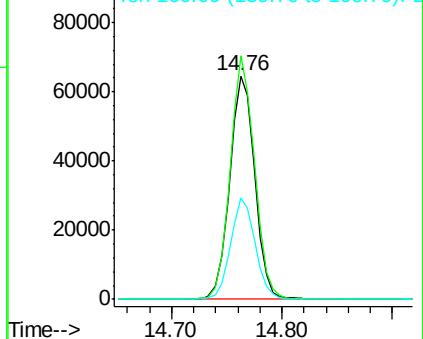
160 45.6 34.2 51.2



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: 138.779 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.03 min

Lab File: BG040145.D

Acq: 26 Mar 2019 10:52

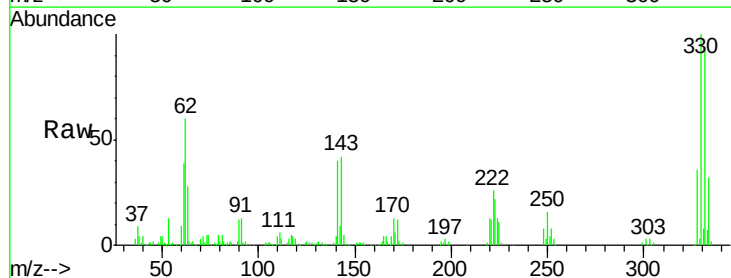
Tgt Ion:330 Resp: 166192

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

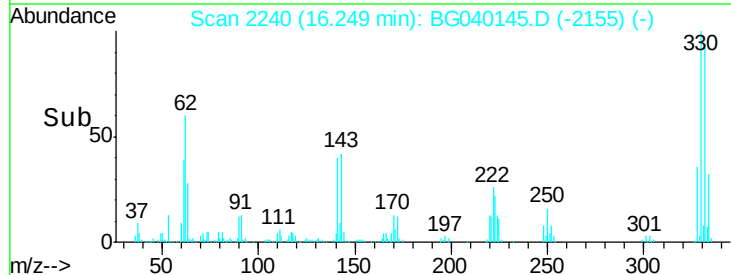
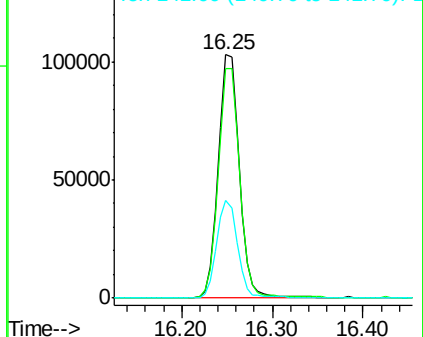
141 39.8 35.6 53.4

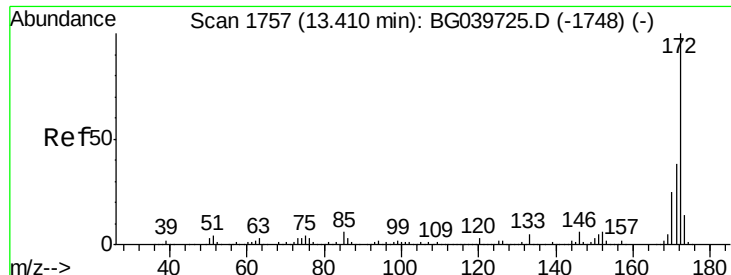


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

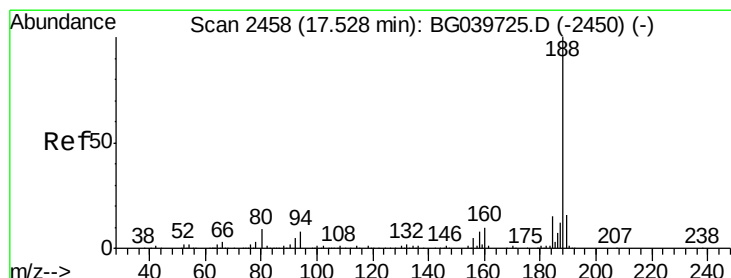
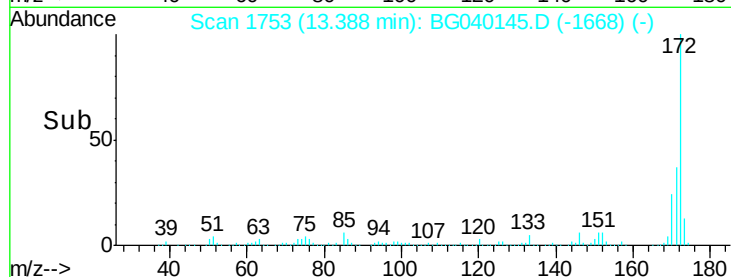
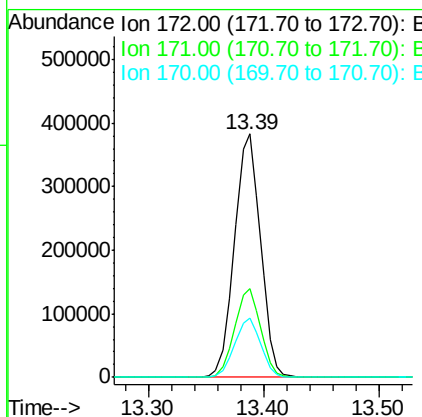
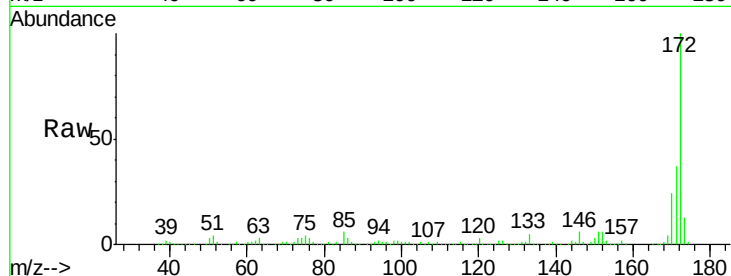




#45
 2-Fluorobiphenyl
 Concen: 82.705 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040145.D
 Acq: 26 Mar 2019 10:52

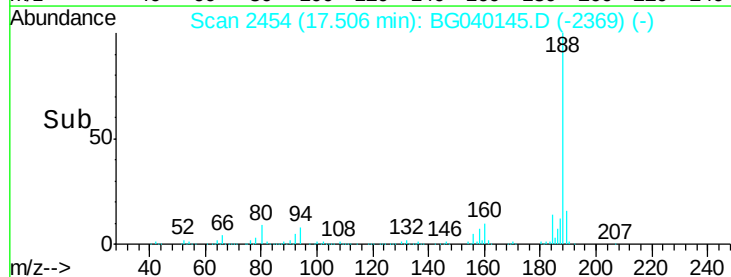
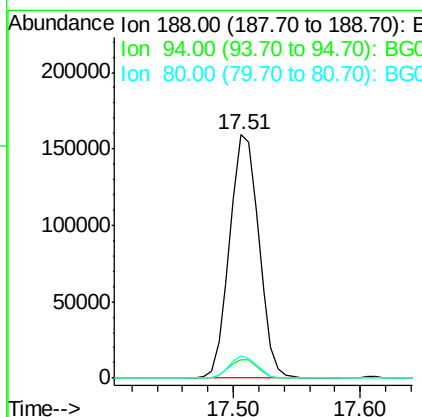
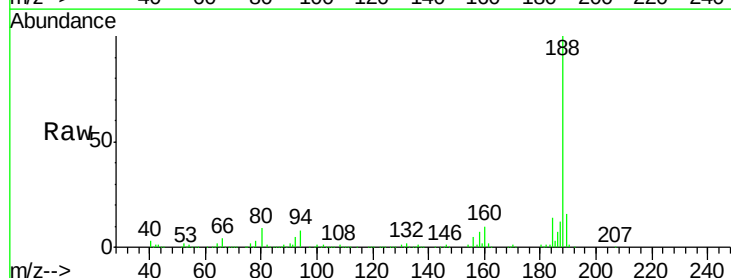
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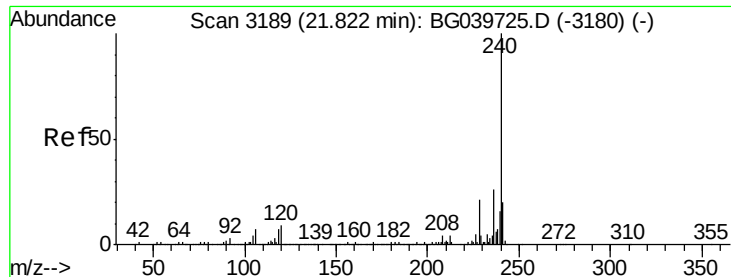
Tgt Ion:172 Resp: 596788
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 24.5 20.2 30.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.03 min
 Lab File: BG040145.D
 Acq: 26 Mar 2019 10:52

Tgt Ion:188 Resp: 253105
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.9 10.3
 80 9.2 8.1 12.1

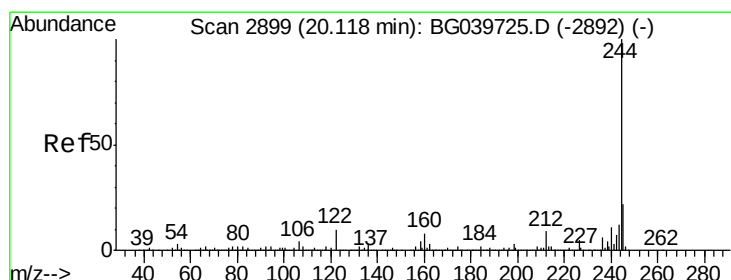
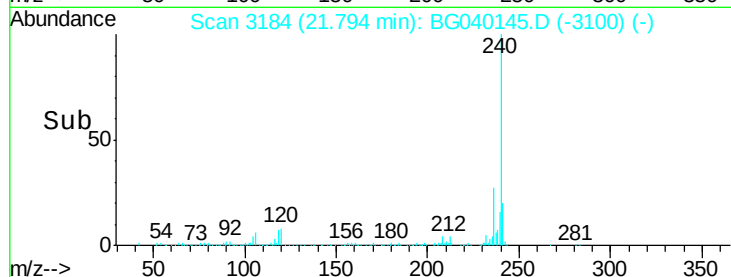
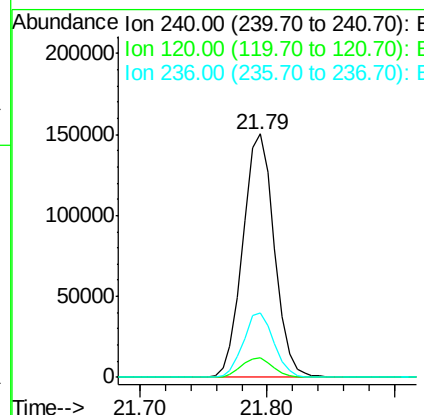
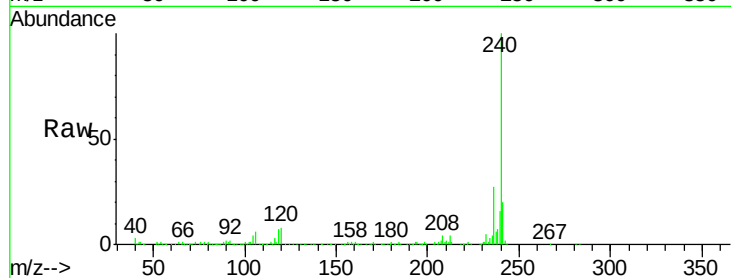




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040145.D
 Acq: 26 Mar 2019 10:52

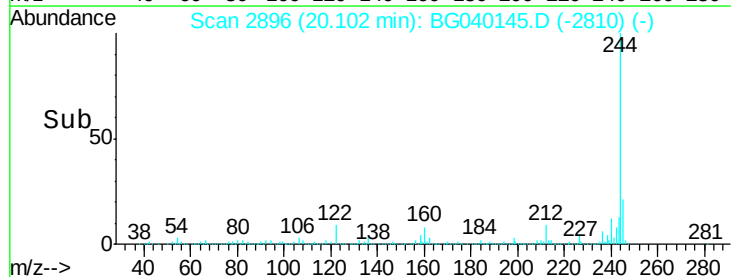
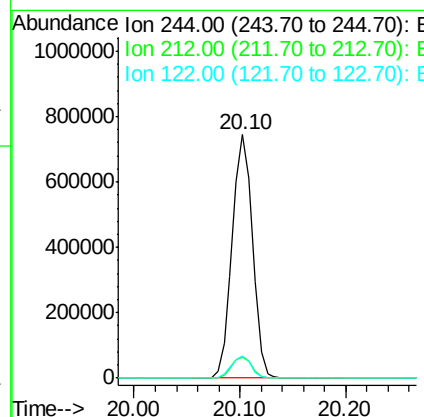
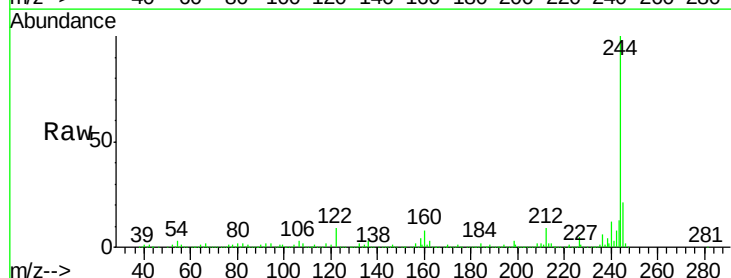
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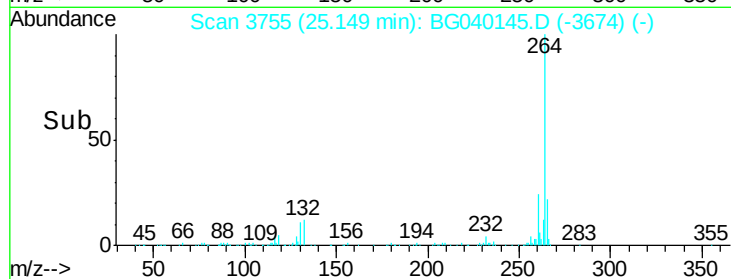
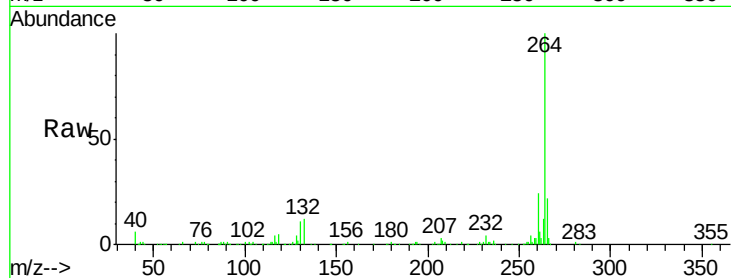
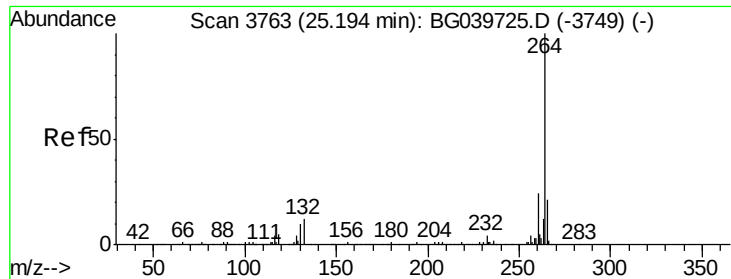
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	26.7	21.0	31.4



#79
 Terphenyl-d14
 Concen: 84.257 ng
 RT: 20.10 min Scan# 2896
 Delta R.T. -0.02 min
 Lab File: BG040145.D
 Acq: 26 Mar 2019 10:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	8.9	8.4	12.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040145.D

Acq: 26 Mar 2019 10:52

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 264 Resp: 261927

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 22.4 18.5 27.7

