

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039746.D
 Acq On : 5 Mar 2019 00:42
 Operator : JU/SJ
 Sample : K1705-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-B102-022719

Quant Time: Mar 05 06:53:46 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

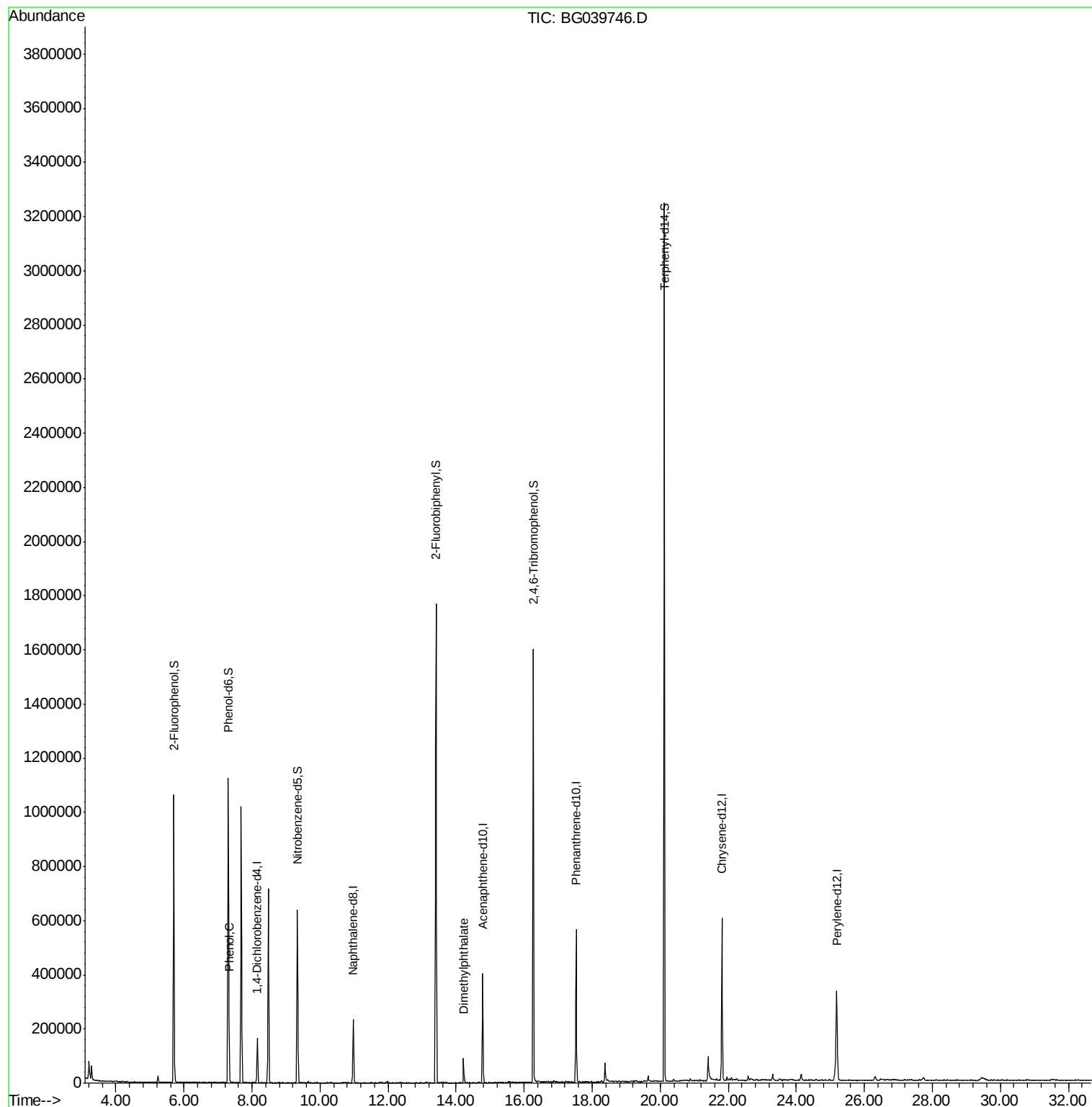
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45895	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	200864	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	141350	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	351462	20.00	ng	0.00
76) Chrysene-d12	21.81	240	360334	20.00	ng	-0.01
87) Perylene-d12	25.19	264	366860	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	432447	160.75	ng	0.00
7) Phenol-d6	7.30	99	645714	160.98	ng	0.00
23) Nitrobenzene-d5	9.33	82	382713	103.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	270690	164.30	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	934853	94.17	ng	0.00
79) Terphenyl-d14	20.12	244	1453263	88.80	ng	0.00
Target Compounds						
10) Phenol	7.33	94	19792	4.555	ng	93
50) Dimethylphthalate	14.22	163	59228	5.011	ng	99

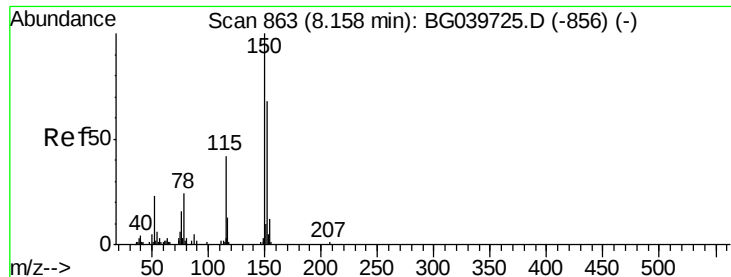
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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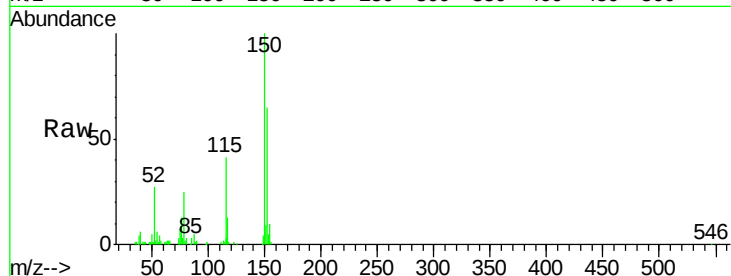


#1

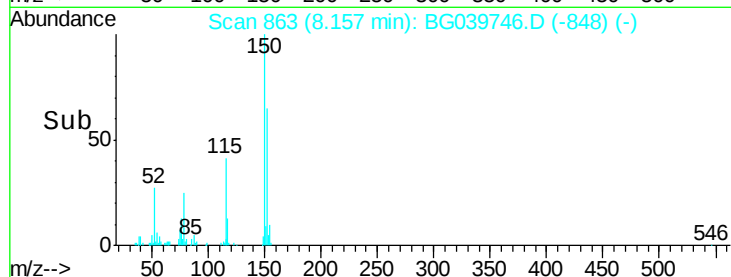
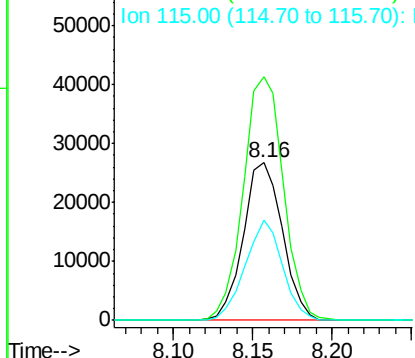
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039746.D
Acq: 5 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :
PST-028-B102-022719

Tgt Ion:152 Resp: 45895
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 63.6 45.9 68.9



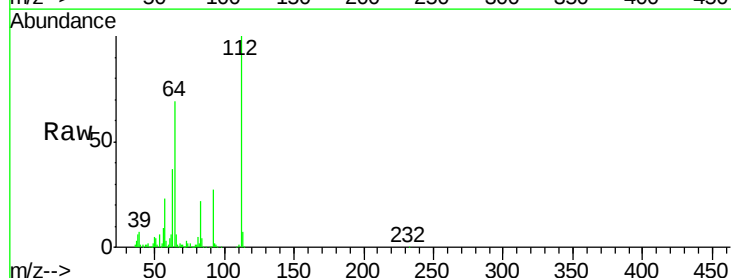
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



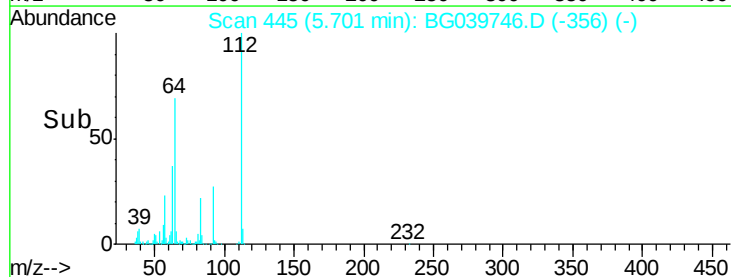
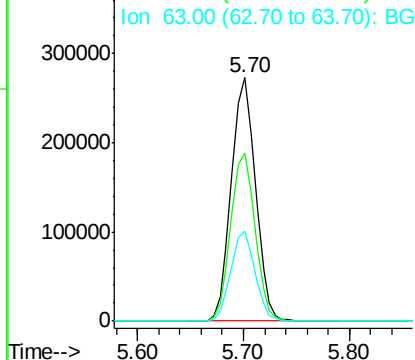
#5

2-Fluorophenol
Concen: 160.749 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039746.D
Acq: 5 Mar 2019 00:42

Tgt Ion:112 Resp: 432447
Ion Ratio Lower Upper
112 100
64 68.9 57.8 86.8
63 36.9 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: 160.976 ng

RT: 7.30 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039746.D

Acq: 5 Mar 2019 00:42

Instrument :

BNA_G

ClientSampleId :

PST-028-B102-022719

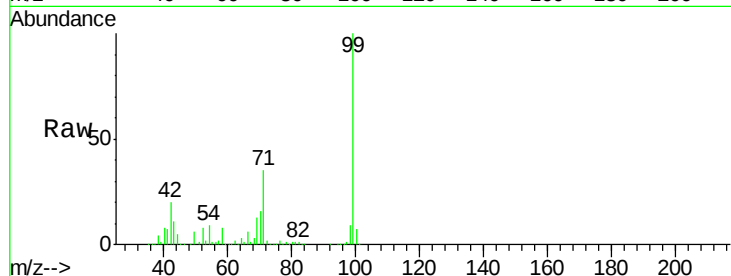
Tgt Ion: 99 Resp: 645714

Ion Ratio Lower Upper

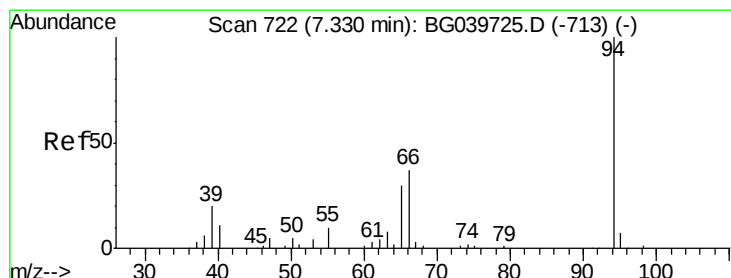
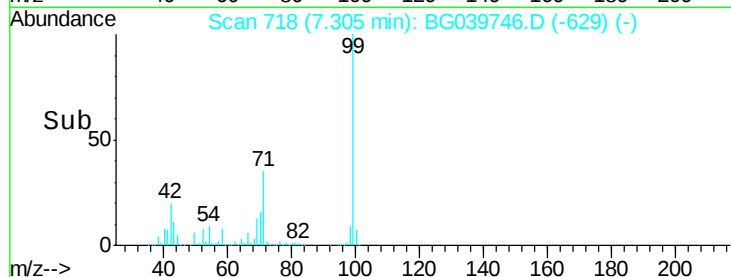
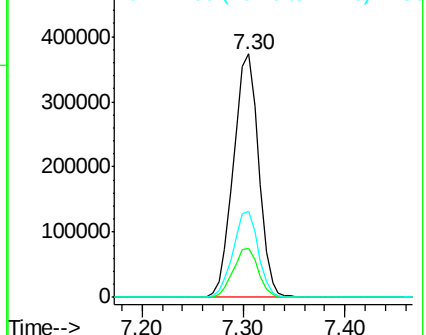
99 100

42 20.1 18.2 27.2

71 35.3 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: 4.555 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039746.D

Acq: 5 Mar 2019 00:42

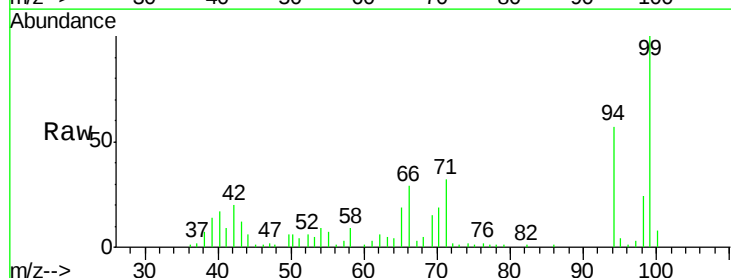
Tgt Ion: 94 Resp: 19792

Ion Ratio Lower Upper

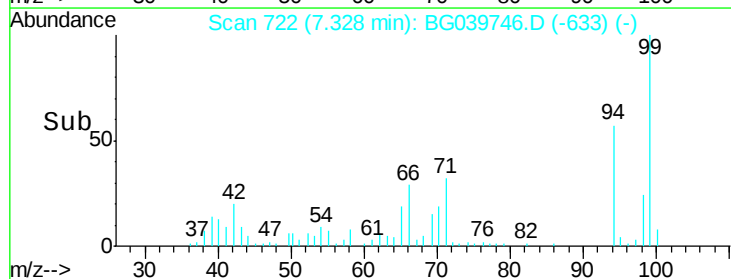
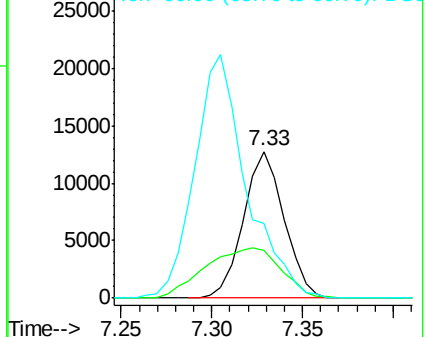
94 100

65 32.9 11.7 51.7

66 50.7 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

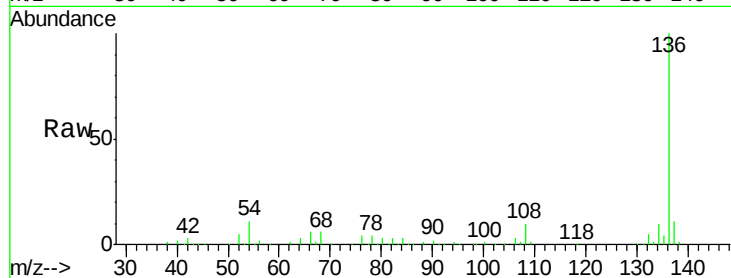




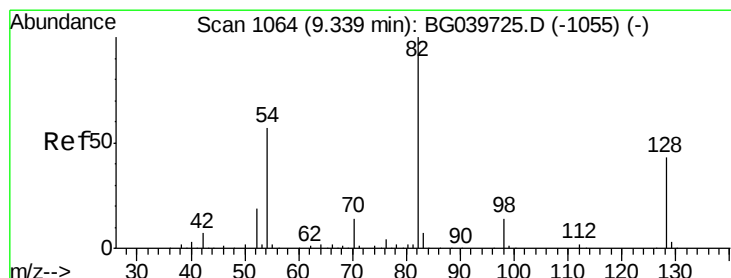
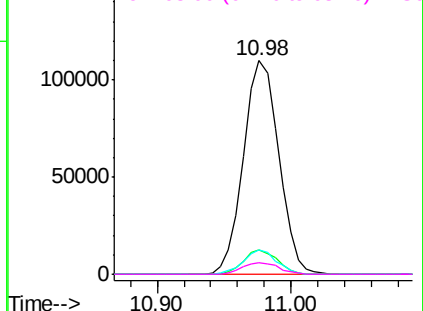
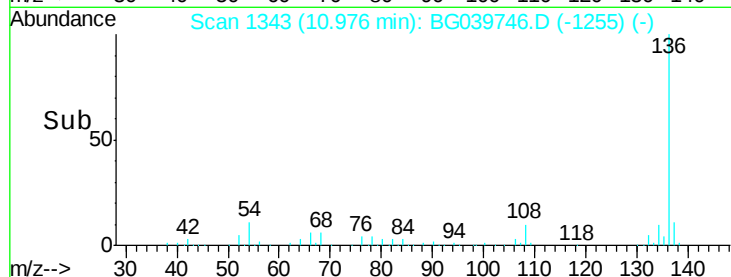
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039746.D
Acq: 5 Mar 2019 00:42

Instrument :
BNA_G
ClientSampleId :
PST-028-B102-022719

Tgt Ion:	136	Resp:	200864
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.4	9.4	14.2
68	5.7	4.2	6.4

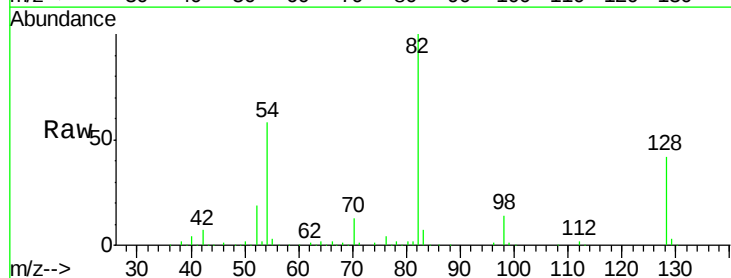


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

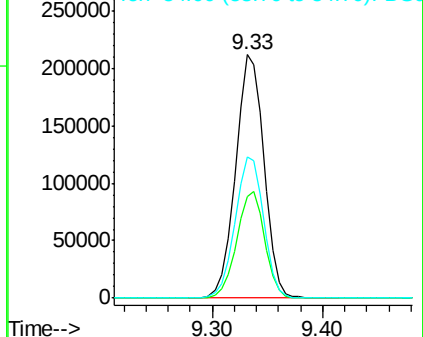
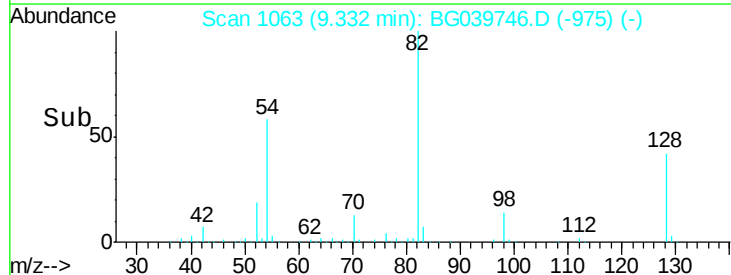


#23
Nitrobenzene-d5
Concen: 103.048 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039746.D
Acq: 5 Mar 2019 00:42

Tgt Ion:	82	Resp:	382713
Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.3	46.9
54	58.2	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: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039746.D

Acq: 5 Mar 2019 00:42

Instrument :

BNA_G

ClientSampleId :

PST-028-B102-022719

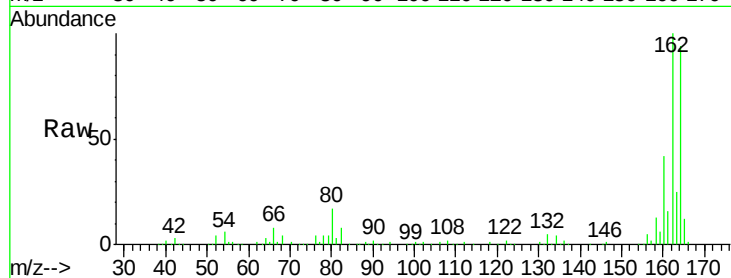
Tgt Ion:164 Resp: 141350

Ion Ratio Lower Upper

164 100

162 105.9 81.6 122.4

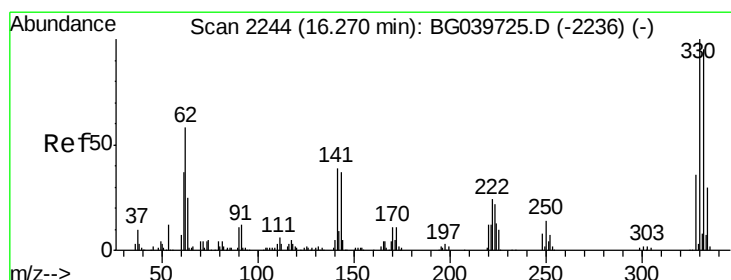
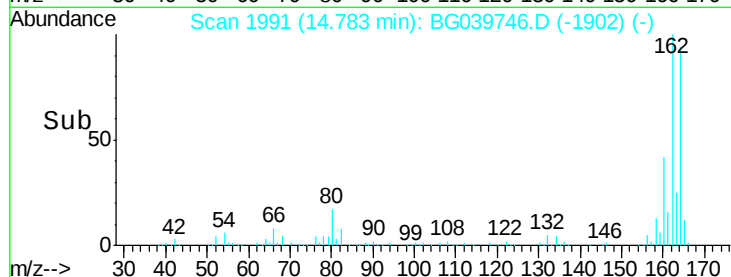
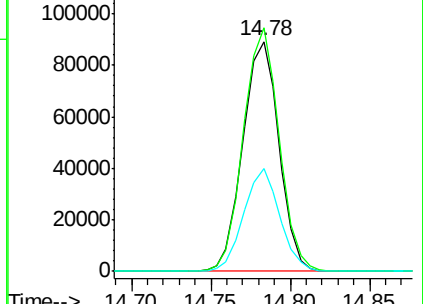
160 44.8 34.2 51.2



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: 164.300 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039746.D

Acq: 5 Mar 2019 00:42

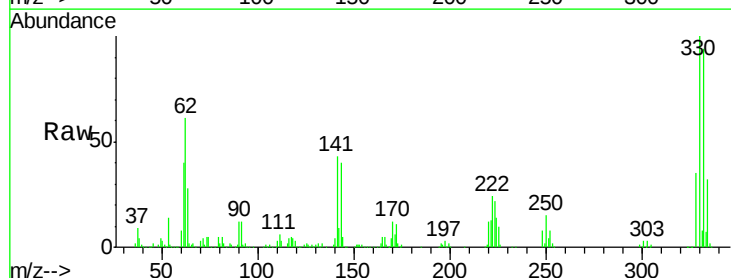
Tgt Ion:330 Resp: 270690

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

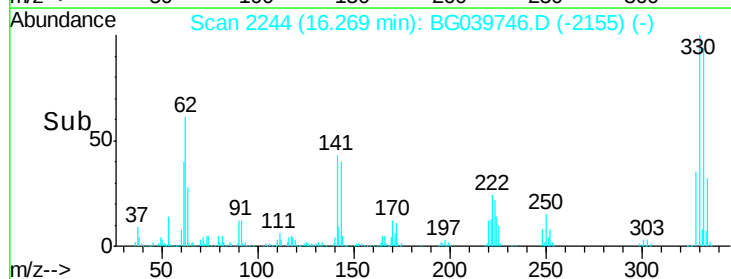
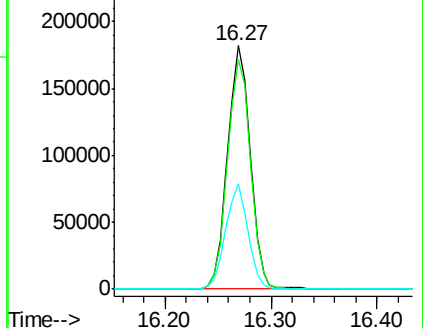
141 42.4 35.6 53.4



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

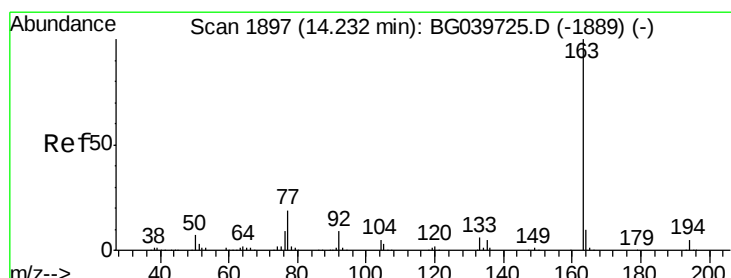
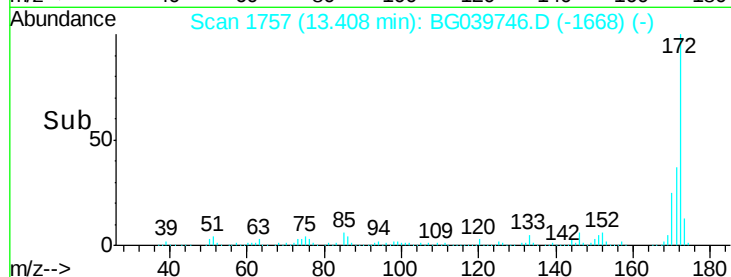
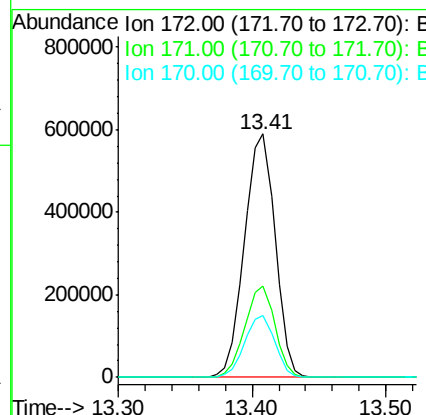
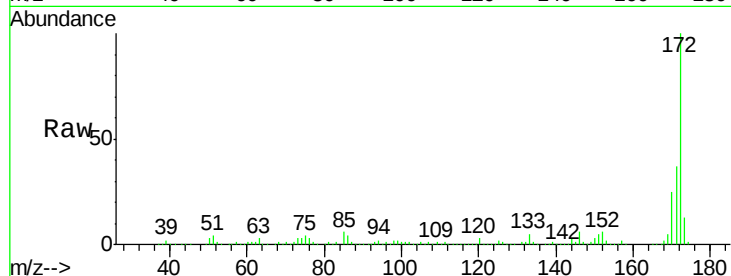




#45
2-Fluorobiphenyl
Concen: 94.168 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039746.D
Acq: 5 Mar 2019 00:42

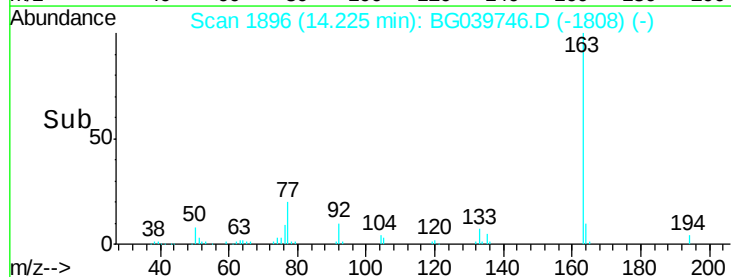
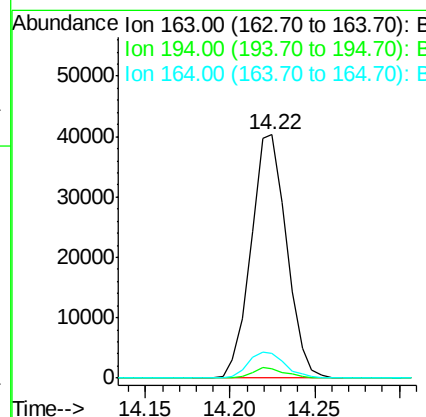
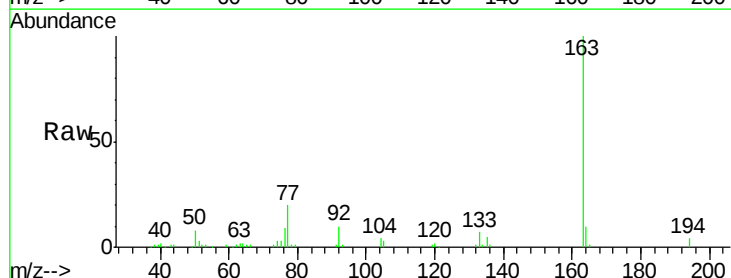
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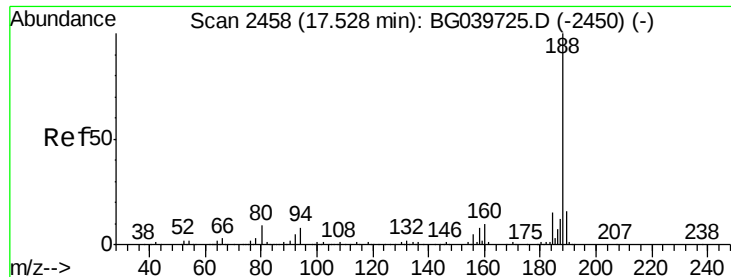
Tgt Ion:172 Resp: 934853
Ion Ratio Lower Upper
172 100
171 37.4 30.8 46.2
170 25.4 20.2 30.4



#50
Dimethylphthalate
Concen: 5.011 ng
RT: 14.22 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039746.D
Acq: 5 Mar 2019 00:42

Tgt Ion:163 Resp: 59228
Ion Ratio Lower Upper
163 100
194 3.6 3.6 5.4
164 10.3 8.4 12.6

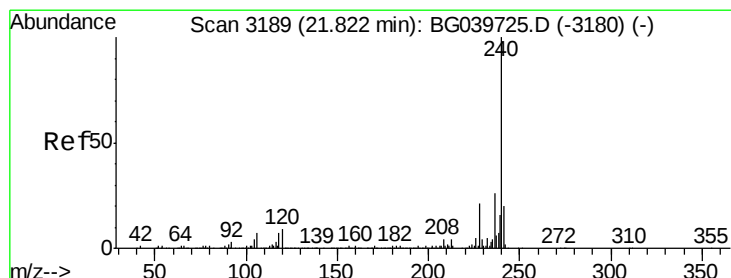
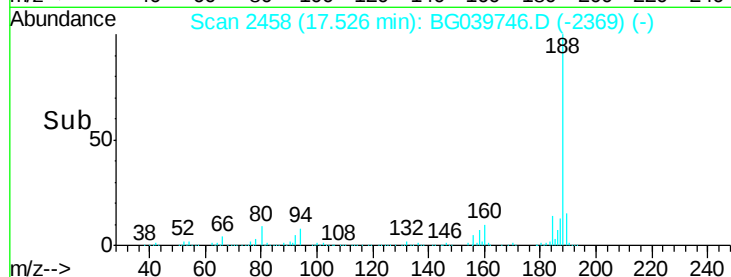
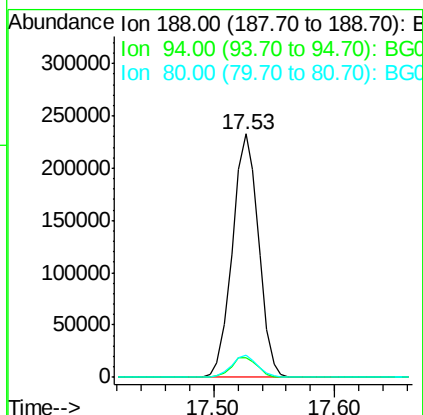
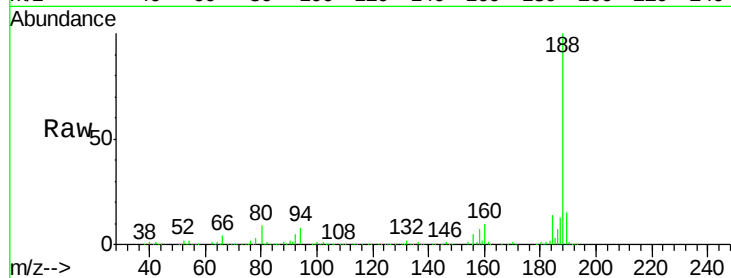




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039746.D
Acq: 5 Mar 2019 00:42

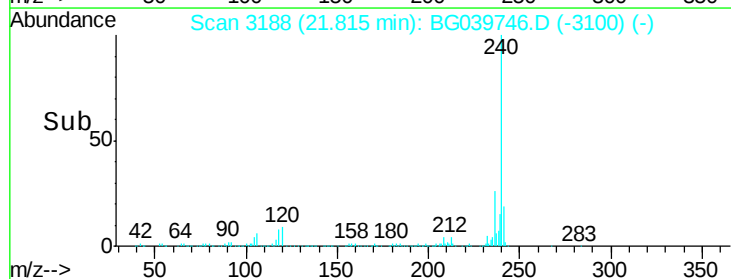
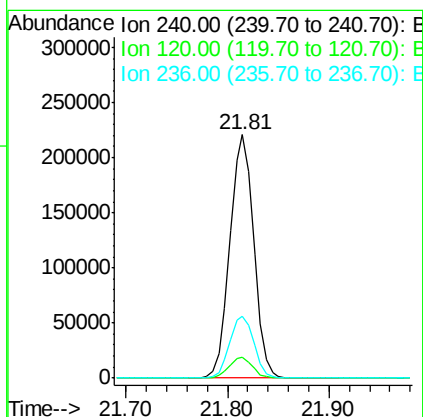
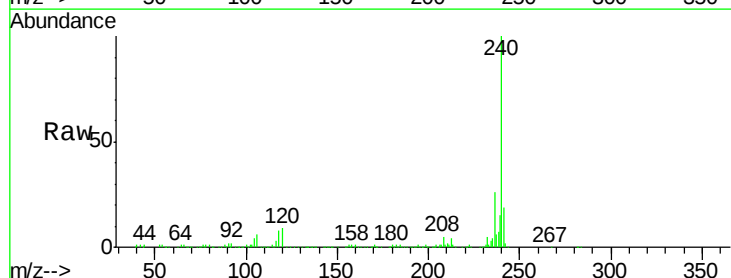
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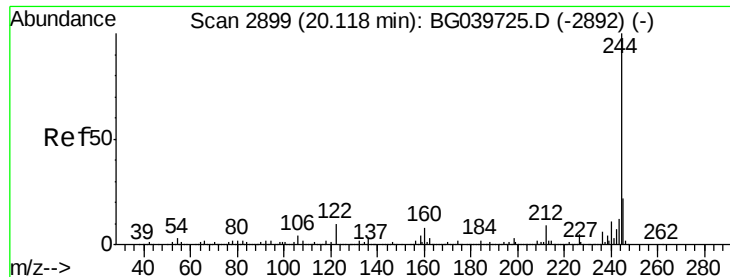
Tgt Ion:188 Resp: 351462
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039746.D
Acq: 5 Mar 2019 00:42

Tgt Ion:240 Resp: 360334
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 88.801 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039746.D

Acq: 5 Mar 2019 00:42

Instrument :

BNA_G

ClientSampleId :

PST-028-B102-022719

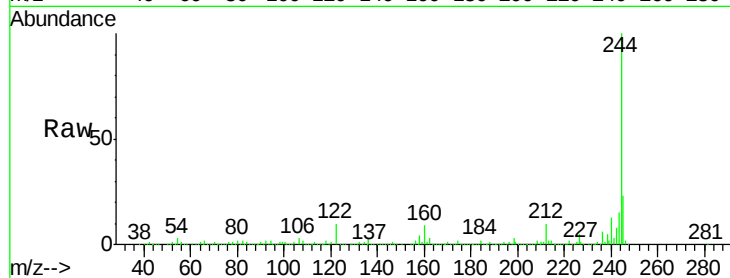
Tgt Ion:244 Resp: 1453263

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

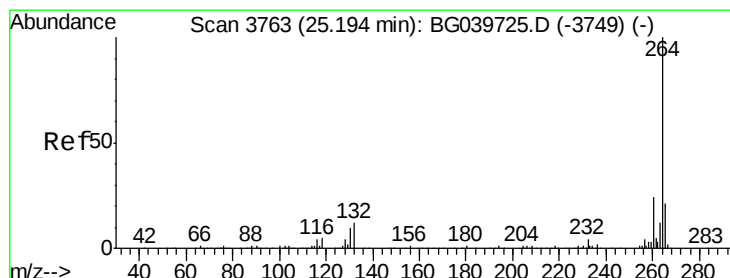
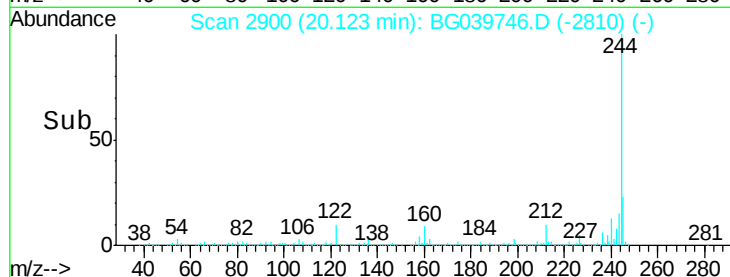
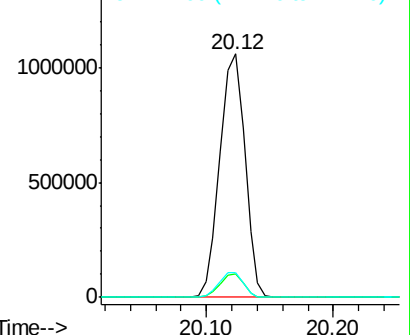
122 10.0 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039746.D

Acq: 5 Mar 2019 00:42

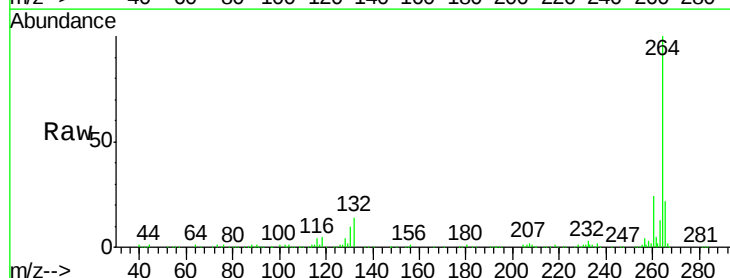
Tgt Ion:264 Resp: 366860

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 21.8 18.5 27.7



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

