

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
 Data File : BG039423.D
 Acq On : 8 Feb 2019 19:54
 Operator : JU/SJ
 Sample : K1404-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS4-10.0-10.5

Quant Time: Feb 09 00:15:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

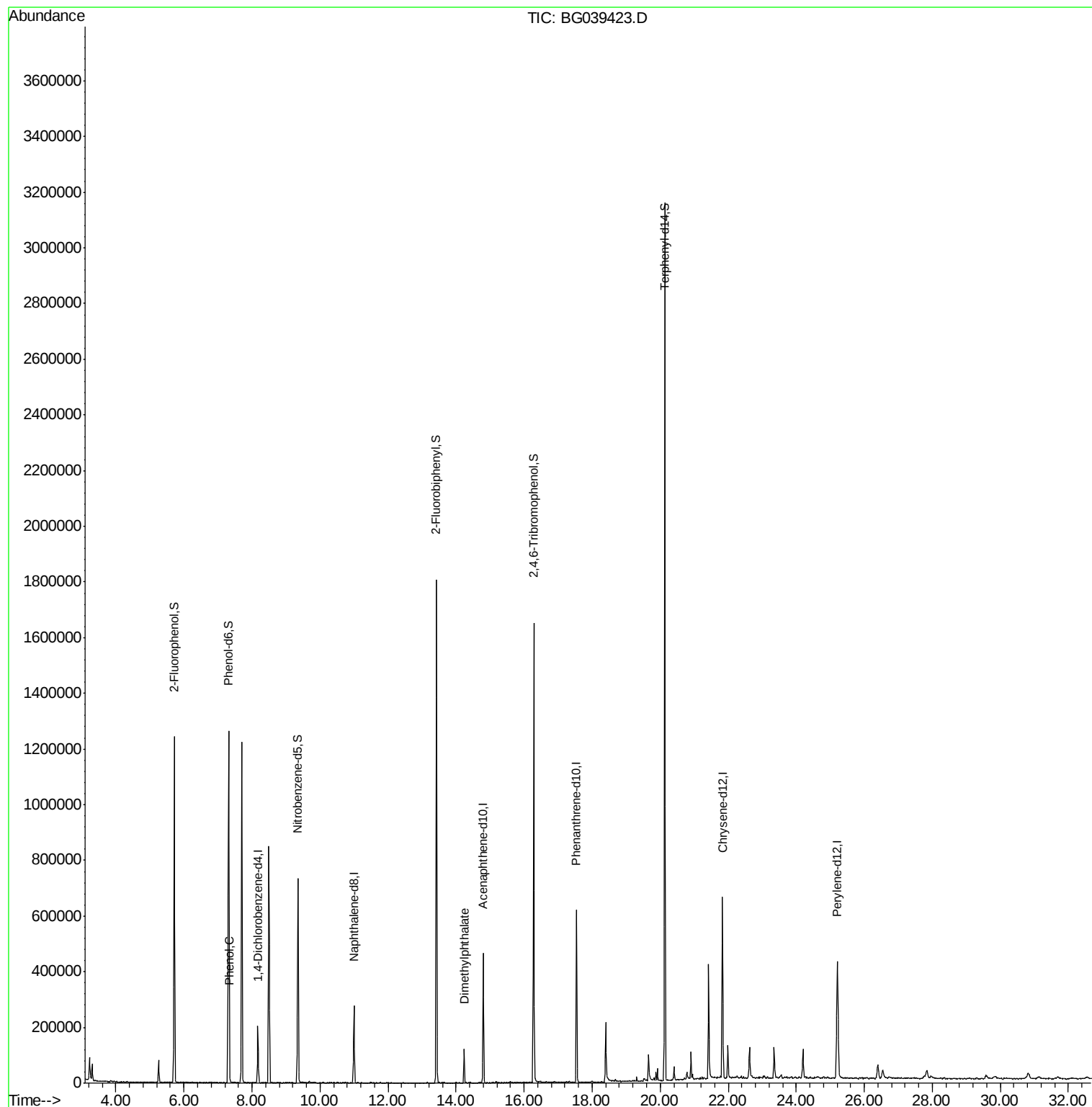
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	55305	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	242788	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	158184	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	374718	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	401149	20.00	ng	-0.02
87) Perylene-d12	25.21	264	412414	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	511243	158.21	ng	0.00
7) Phenol-d6	7.31	99	737375	155.03	ng	0.00
23) Nitrobenzene-d5	9.35	82	440191	113.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	276691	162.44	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	960027	87.06	ng	-0.01
79) Terphenyl-d14	20.14	244	1399860	73.86	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	11801	2.380	ng	94
50) Dimethylphthalate	14.24	163	81827	6.405	ng	99

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

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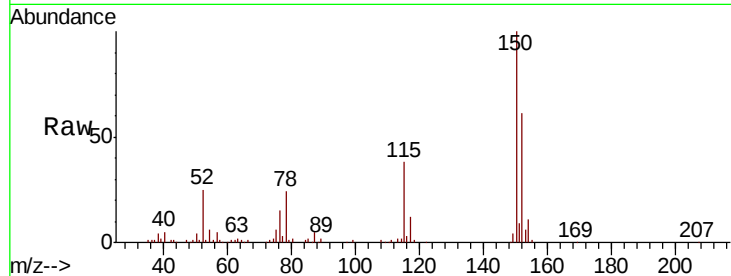


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

Instrument :
BNA_G
ClientSampleId :
A0C12-SS4-10.0-10.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.8	123.7	185.5
115	61.6	45.9	68.9

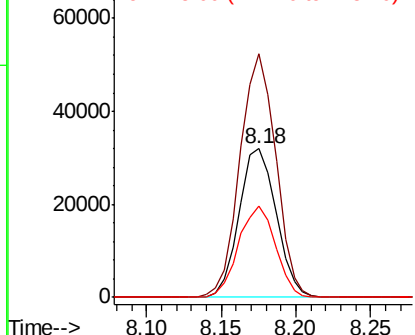
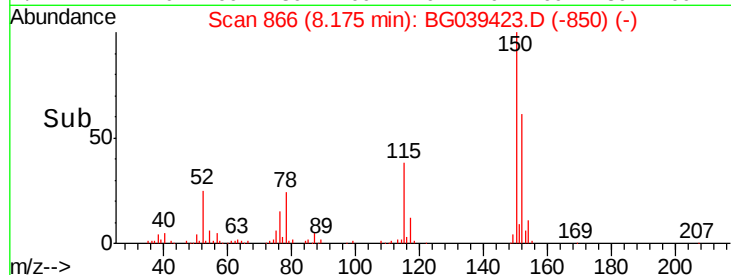


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

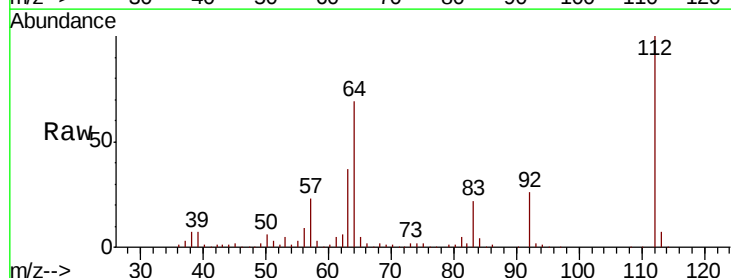
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 158.213 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.8	86.8
63	37.1	29.8	44.6

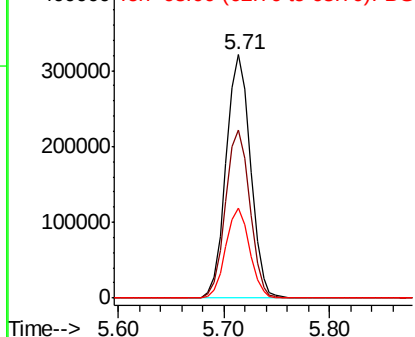
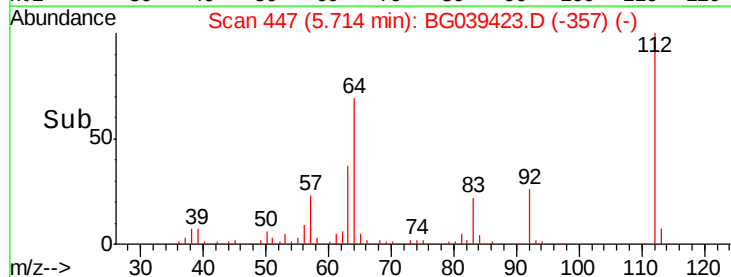


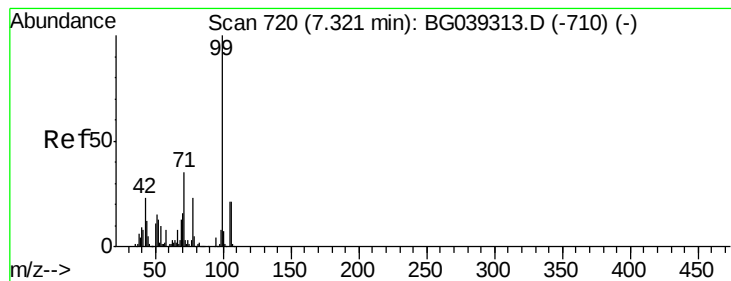
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 155.026 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

Instrument :

BNA_G

ClientSampleId :

A0C12-SS4-10.0-10.5

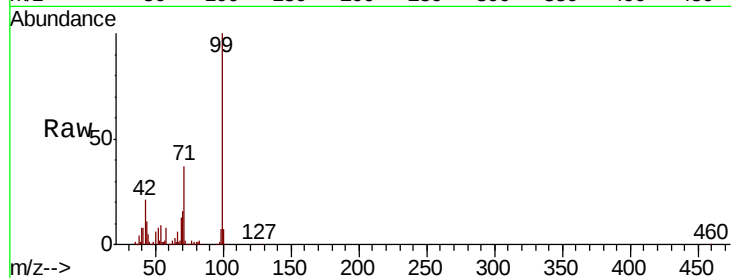
Tot Ion: 99 Resp: 737375

Ion Ratio Lower Upper

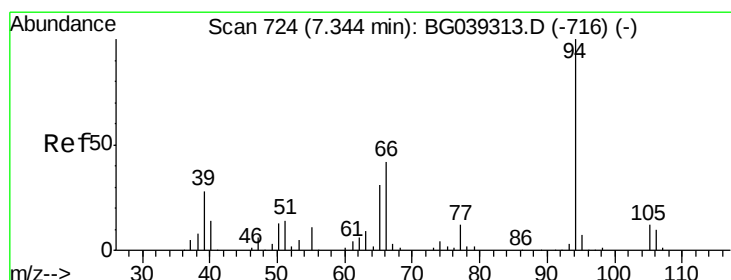
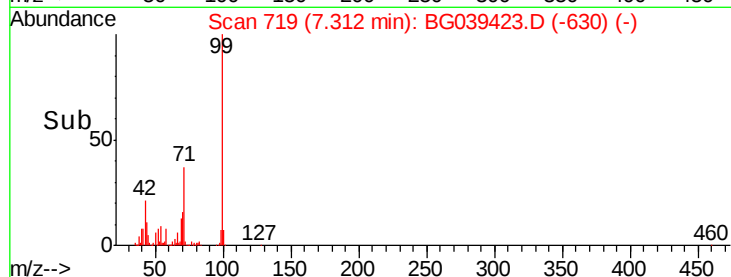
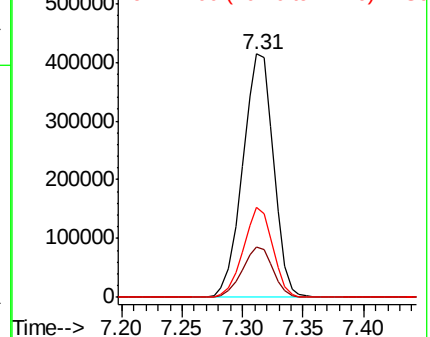
99 100

42 20.7 18.2 27.2

71 37.1 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: 2.380 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

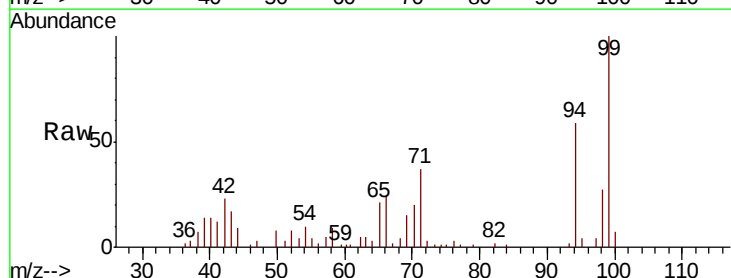
Tgt Ion: 94 Resp: 11801

Ion Ratio Lower Upper

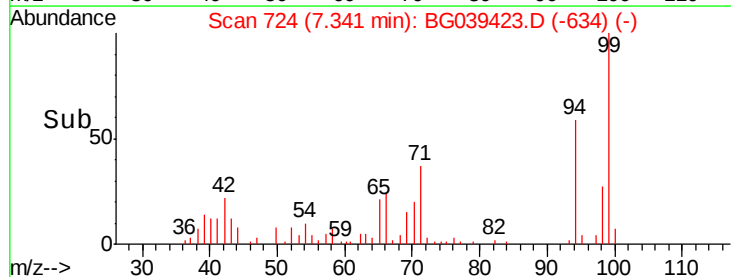
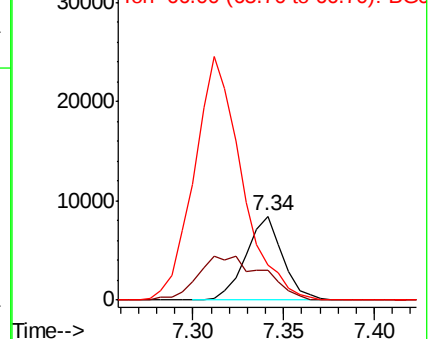
94 100

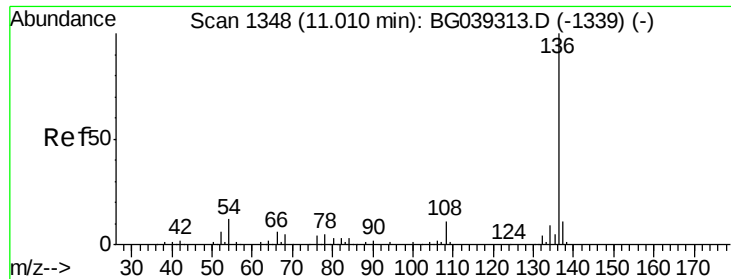
65 36.3 11.7 51.7

66 41.1 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

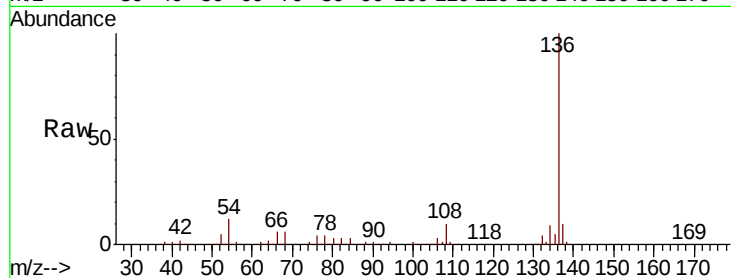




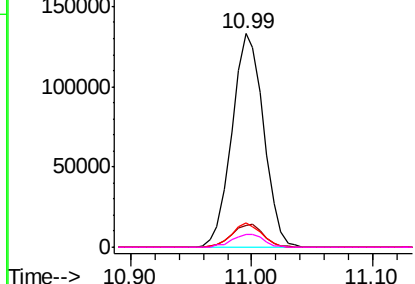
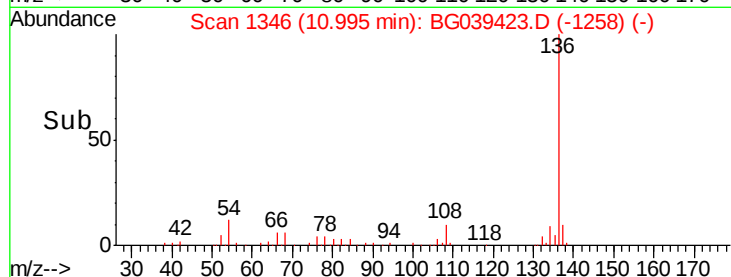
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

Instrument :
BNA_G
ClientSampleId :
A0C12-SS4-10.0-10.5

Tot Ion:136	Resp:	242788
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.1 13.7
54	11.6	9.4 14.2
68	6.2	4.2 6.4

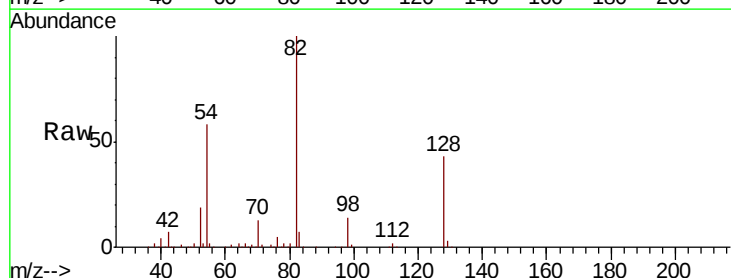


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

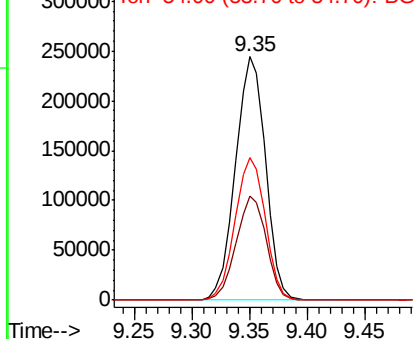
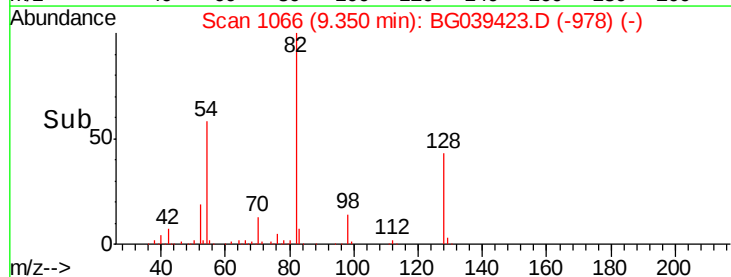


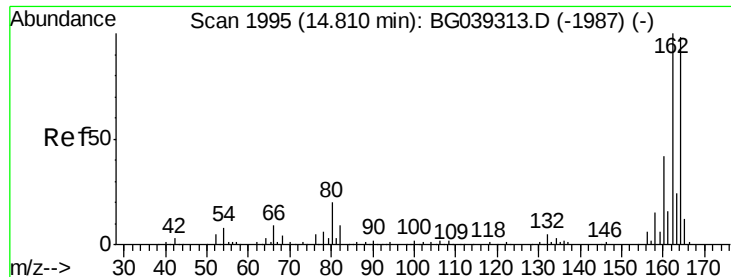
#23
Nitrobenzene-d5
Concen: 113.265 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

Tgt Ion: 82	Resp:	440191
Ion	Ratio	Lower Upper
82	100	
128	42.6	31.3 46.9
54	58.4	50.9 76.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

Instrument :

BNA_G

ClientSampleId :

A0C12-SS4-10.0-10.5

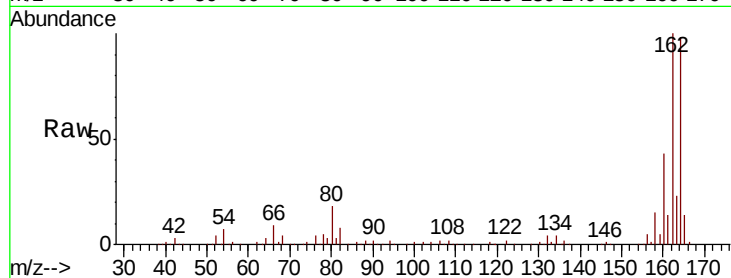
Tot Ion:164 Resp: 158184

Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

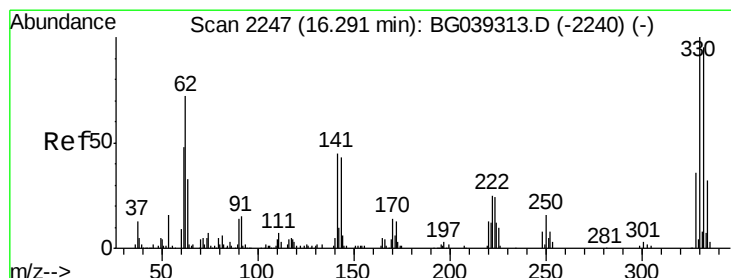
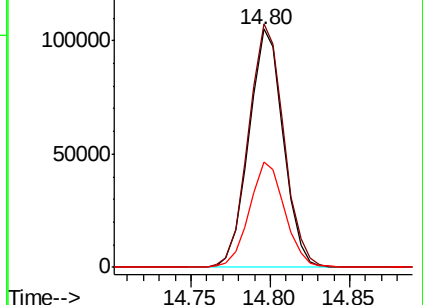
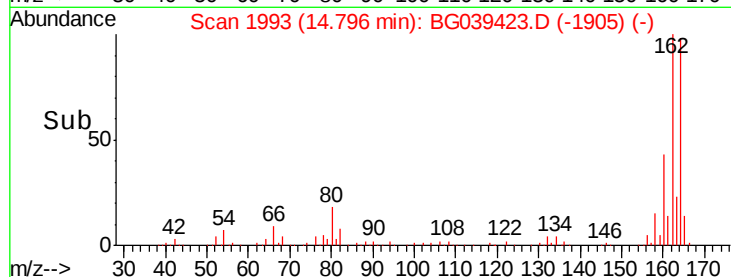
160 44.1 34.2 51.2



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: 162.437 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

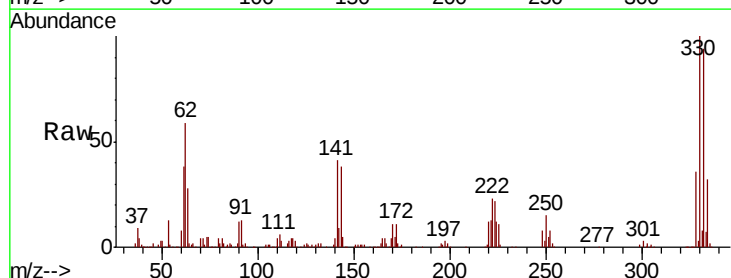
Tgt Ion:330 Resp: 276691

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

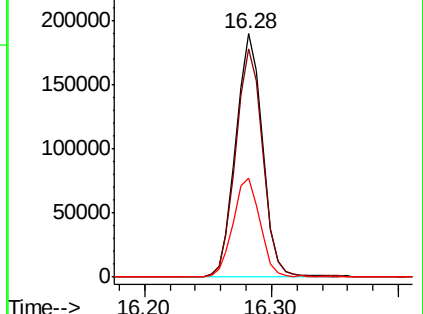
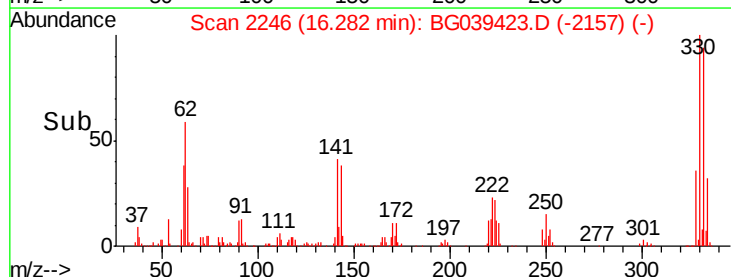
141 41.0 35.6 53.4



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

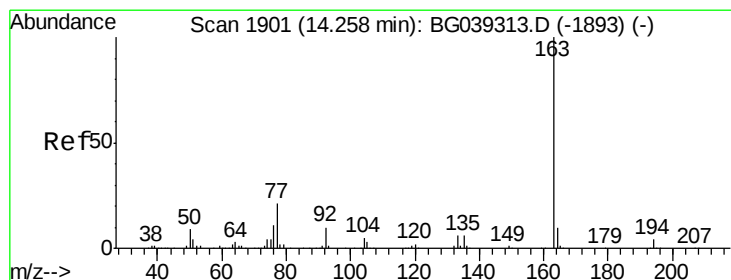
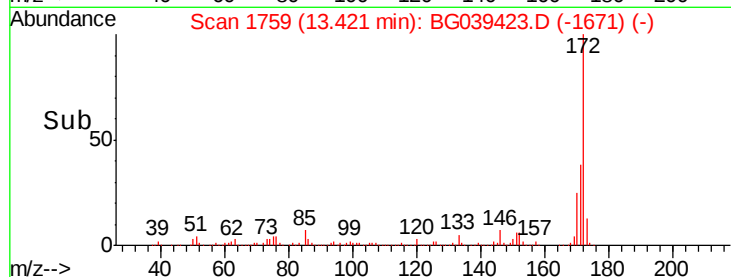
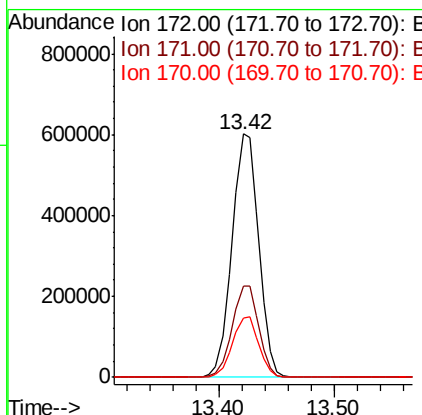
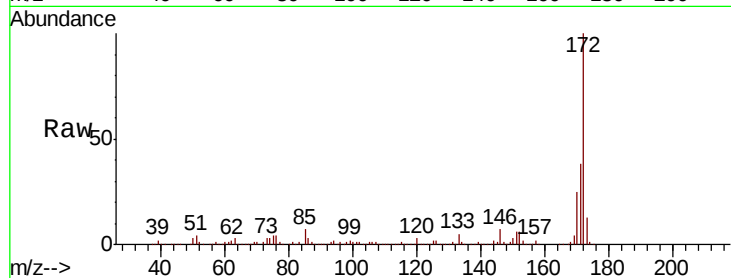




#45
2-Fluorobiphenyl
Concen: 87.064 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

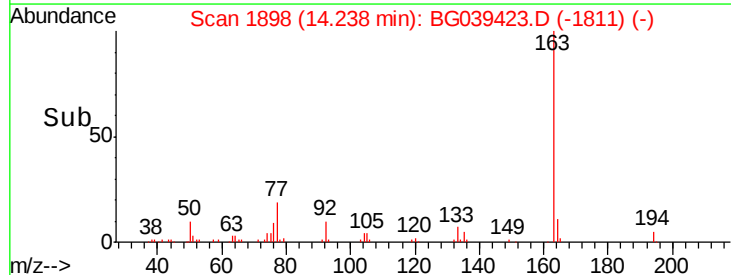
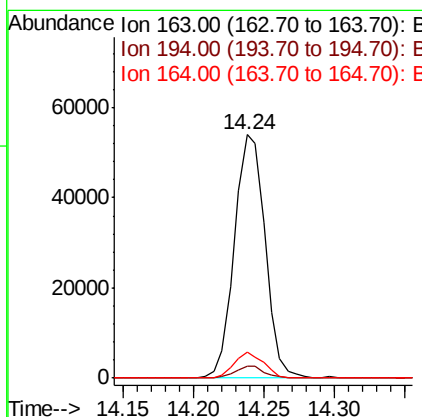
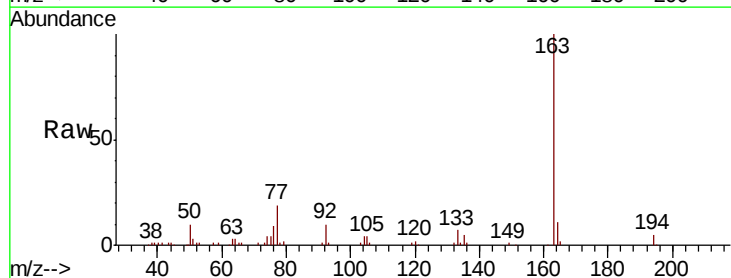
Instrument :
BNA_G
ClientSampleId :
A0C12-SS4-10.0-10.5

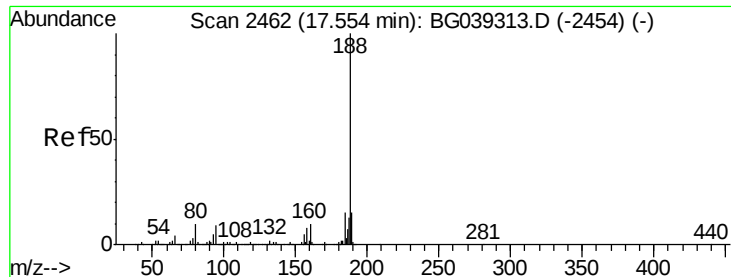
Tot Ion:172 Resp: 960027
Ion Ratio Lower Upper
172 100
171 37.6 30.8 46.2
170 24.5 20.2 30.4



#50
Dimethylphthalate
Concen: 6.405 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039423.D
Acq: 8 Feb 2019 19:54

Tgt Ion:163 Resp: 81827
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 10.8 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

Instrument :

BNA_G

ClientSampleId :

A0C12-SS4-10.0-10.5

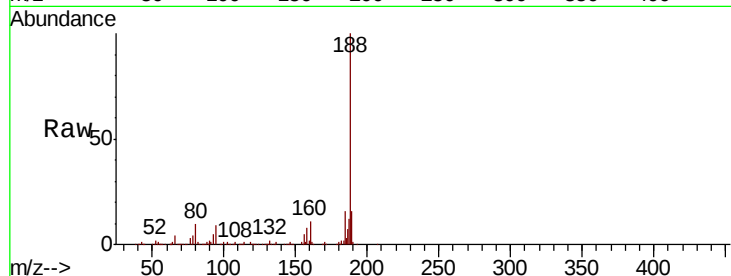
Tot Ion:188 Resp: 374718

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

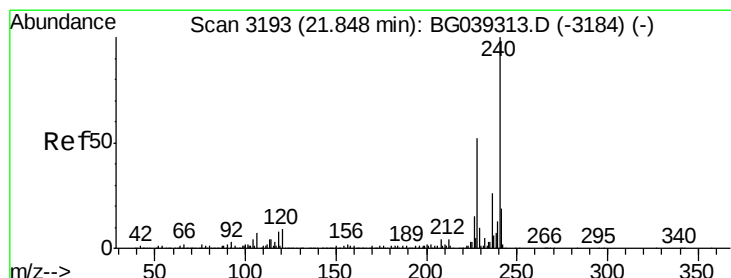
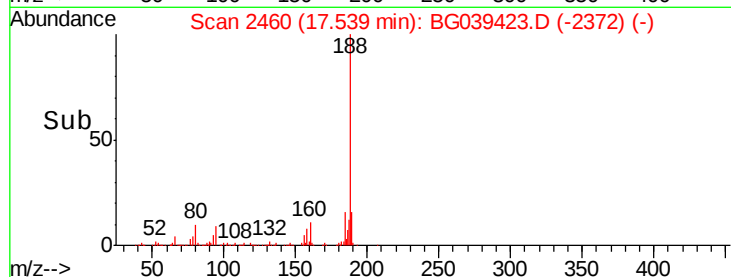
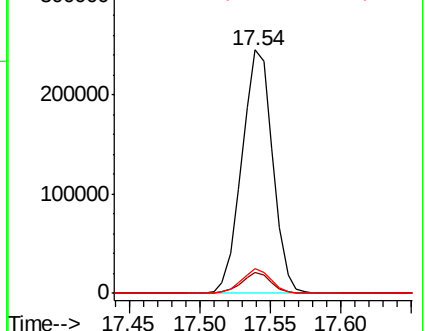
80 10.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

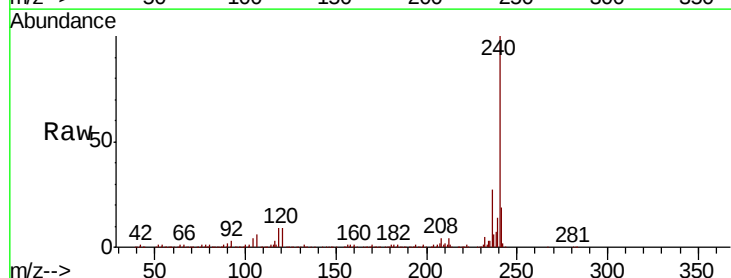
Tgt Ion:240 Resp: 401149

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

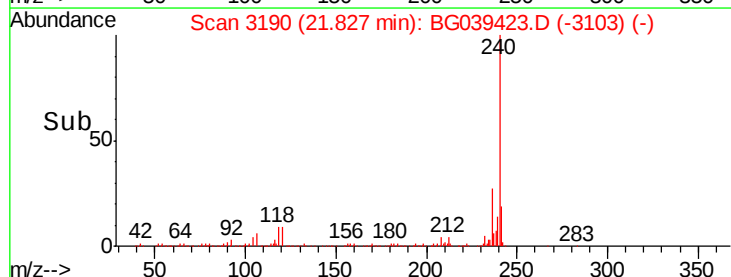
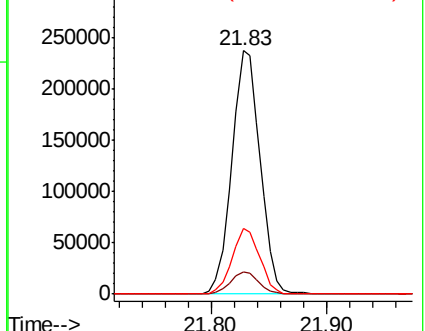
236 26.9 21.0 31.4

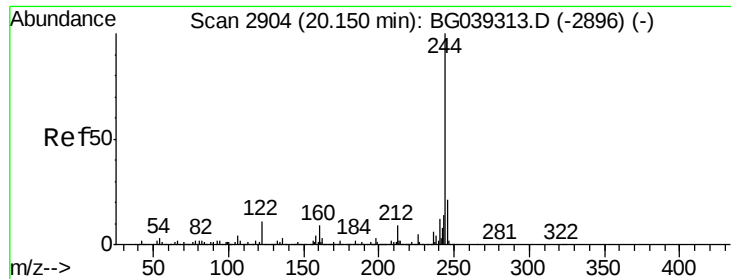


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.865 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

Instrument :

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ClientSampleId :

A0C12-SS4-10.0-10.5

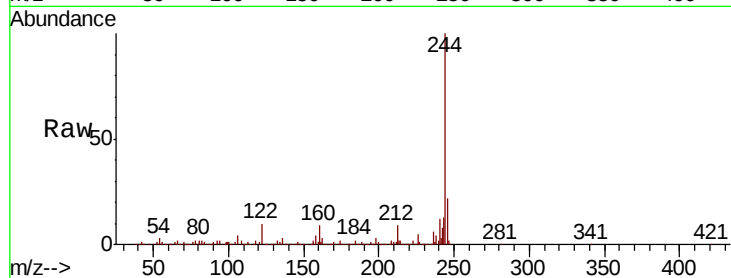
Tot Ion:244 Resp: 1399860

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

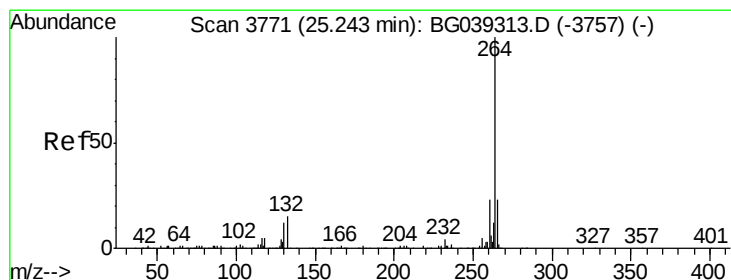
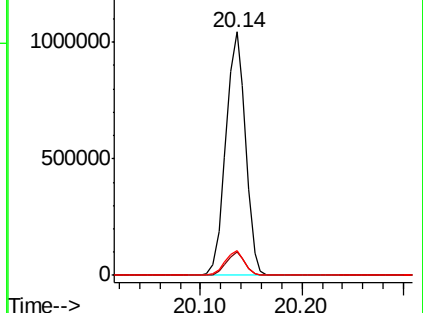
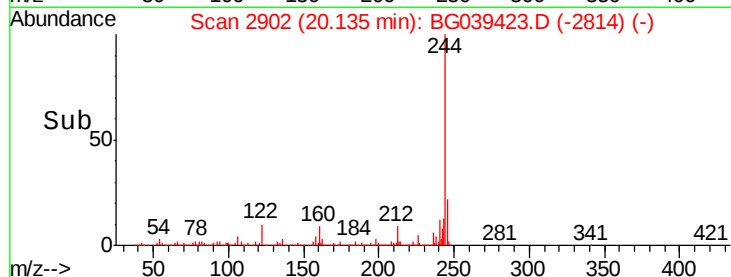
122 10.0 8.4 12.6



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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039423.D

Acq: 8 Feb 2019 19:54

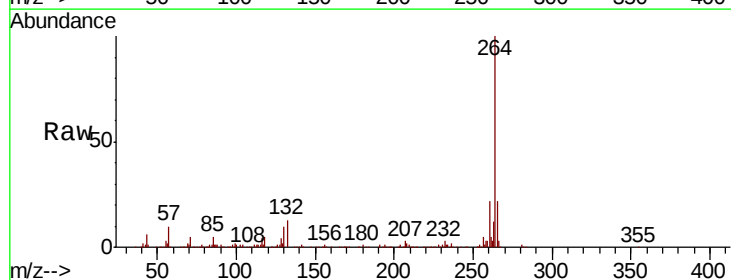
Tgt Ion:264 Resp: 412414

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 22.0 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

