

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039341.D
 Acq On : 30 Jan 2019 23:52
 Operator : JU/SJ
 Sample : K1268-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 012819-TIPC-E-U-M

Quant Time: Jan 31 06:15:08 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

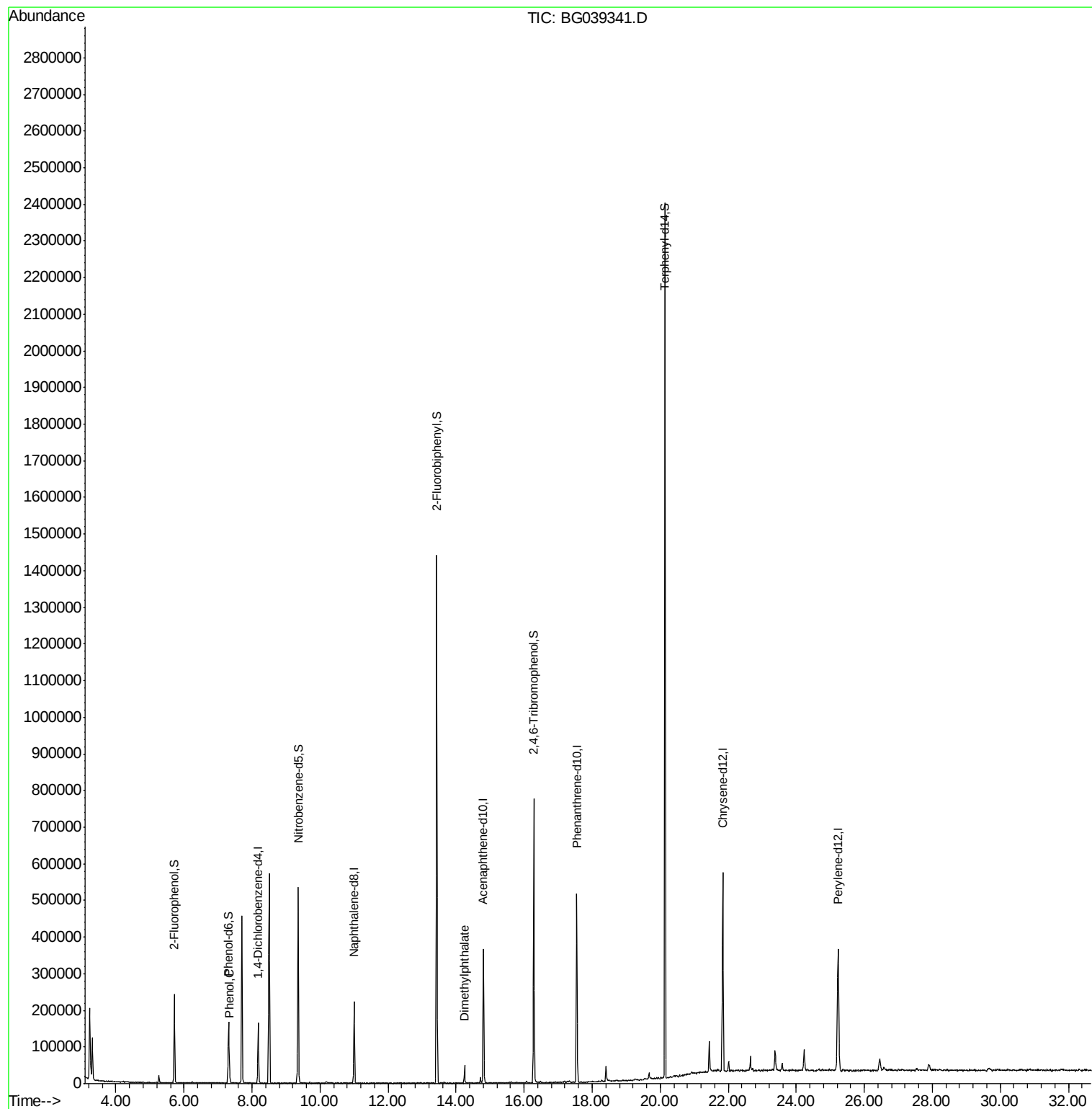
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	44264	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	186465	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	128449	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	311234	20.00	ng	0.00
76) Chrysene-d12	21.84	240	331794	20.00	ng	0.00
87) Perylene-d12	25.23	264	326976	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	101170	39.12	ng	0.00
7) Phenol-d6	7.31	99	90057	23.66	ng	0.00
23) Nitrobenzene-d5	9.35	82	303913	101.82	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	131454	95.04	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	758388	84.70	ng	0.00
79) Terphenyl-d14	20.14	244	1062024	67.75	ng	0.00
Target Compounds						
10) Phenol	7.34	94	20381	5.136	ng	93
50) Dimethylphthalate	14.25	163	32209	3.105	ng	98

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

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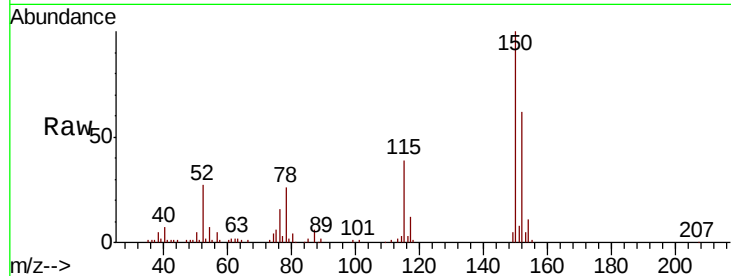


#1

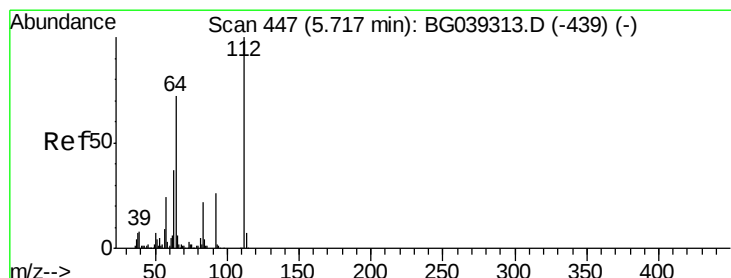
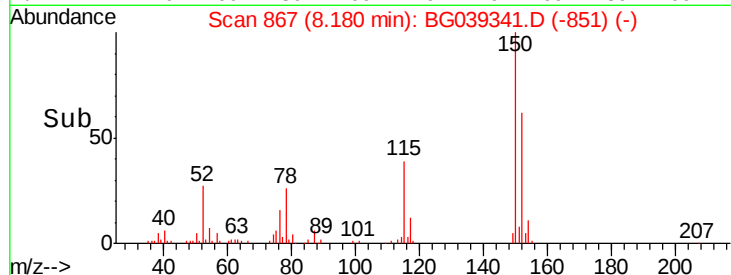
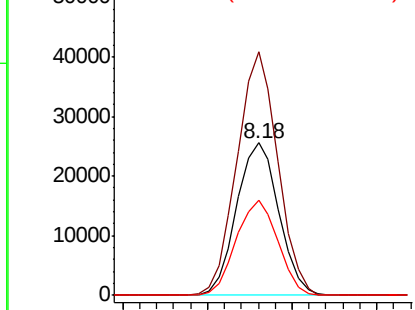
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-U-M

Tot Ion:152 Resp: 44264
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 62.6 45.9 68.9



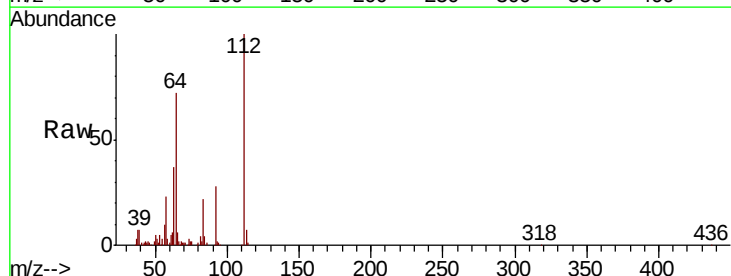
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



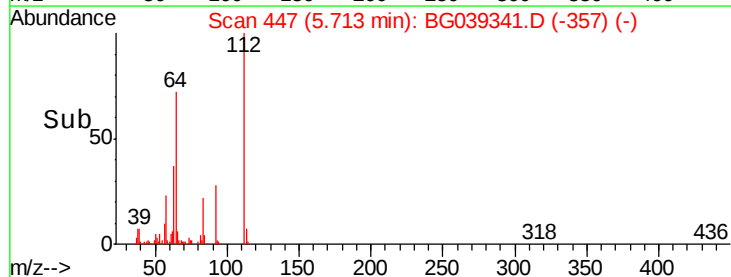
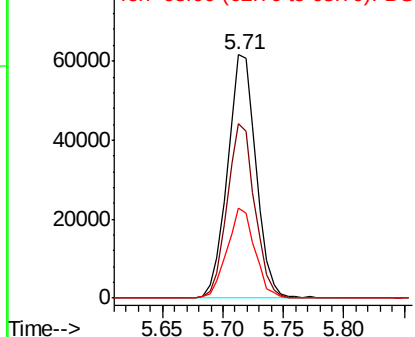
#5

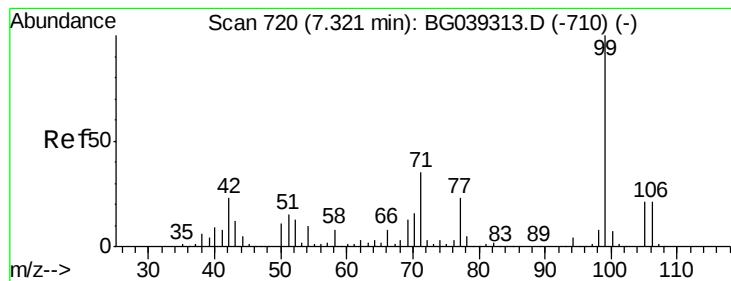
2-Fluorophenol
Concen: 39.118 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

Tgt Ion:112 Resp: 101170
Ion Ratio Lower Upper
112 100
64 71.6 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: 23.656 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

Instrument :

BNA_G

ClientSampleId :

012819-TIPC-E-U-M

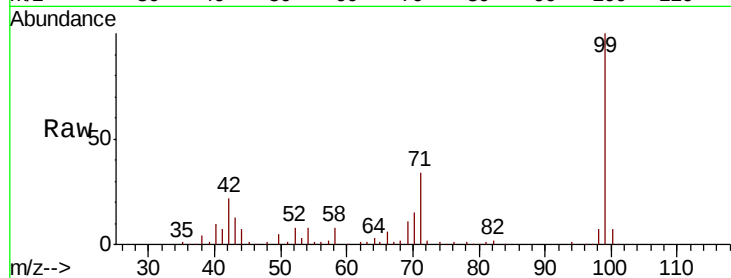
Tot Ion: 99 Resp: 90057

Ion Ratio Lower Upper

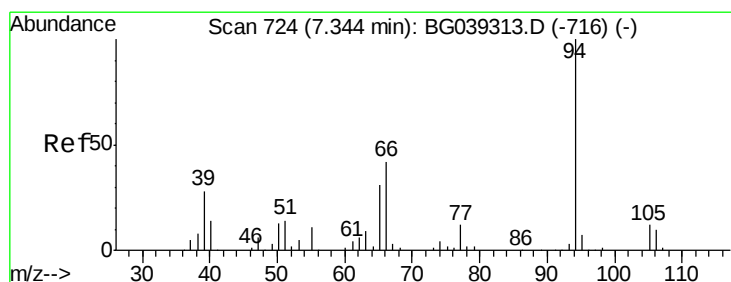
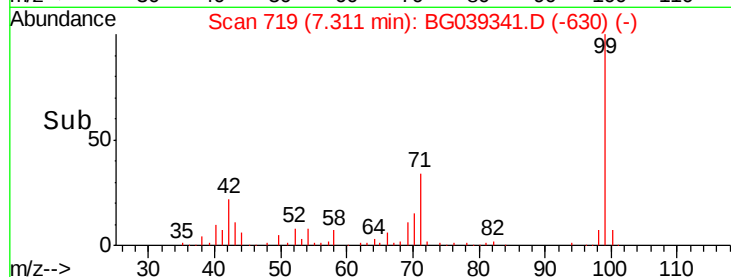
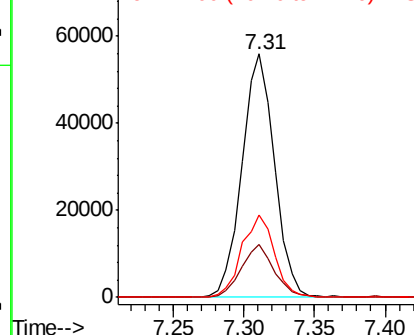
99 100

42 21.6 18.2 27.2

71 34.1 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: 5.136 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

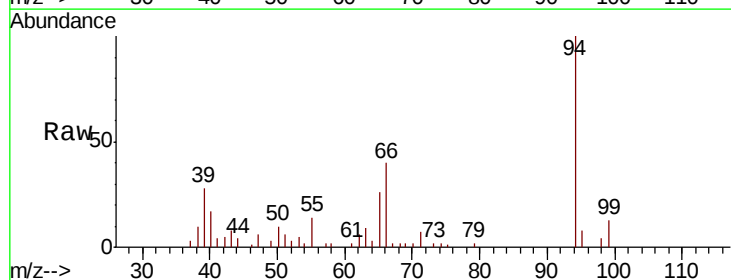
Tgt Ion: 94 Resp: 20381

Ion Ratio Lower Upper

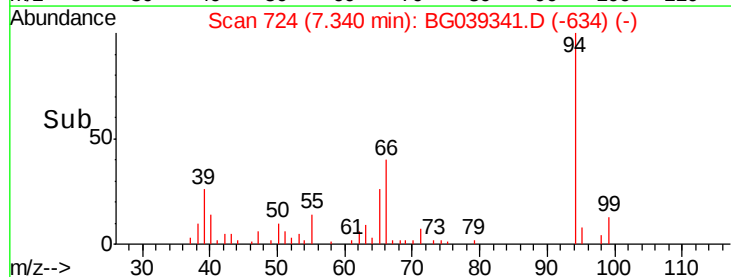
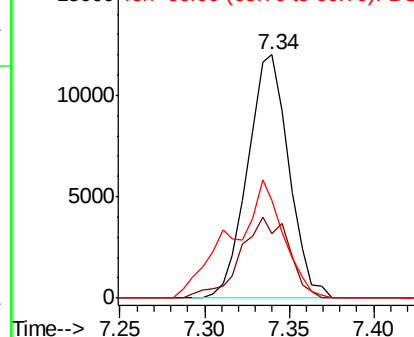
94 100

65 26.4 11.7 51.7

66 40.3 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

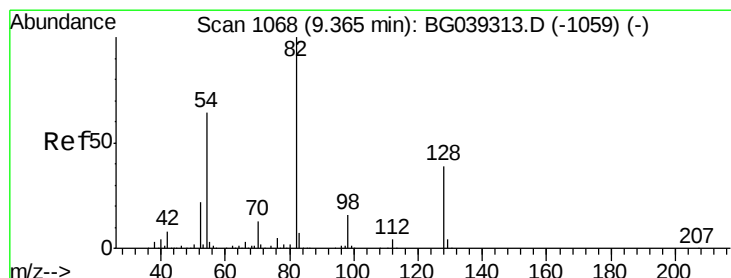
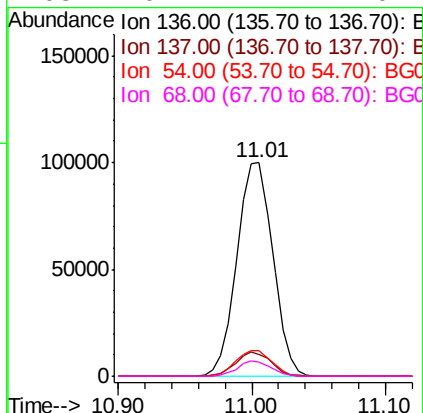
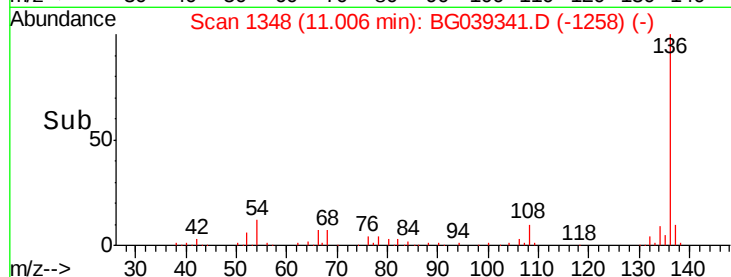
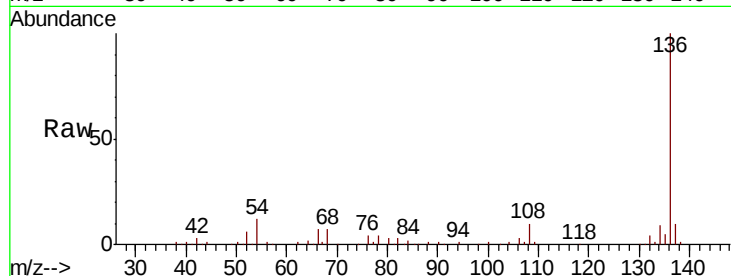




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

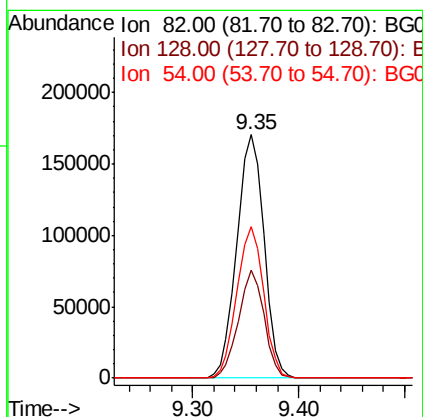
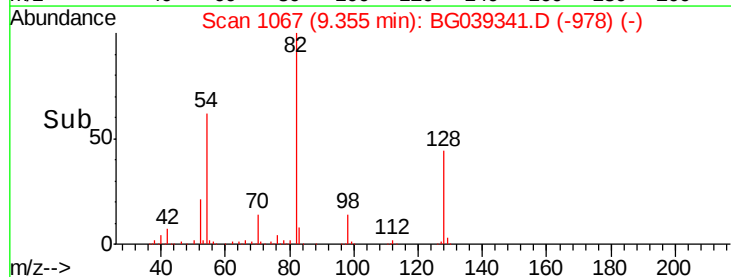
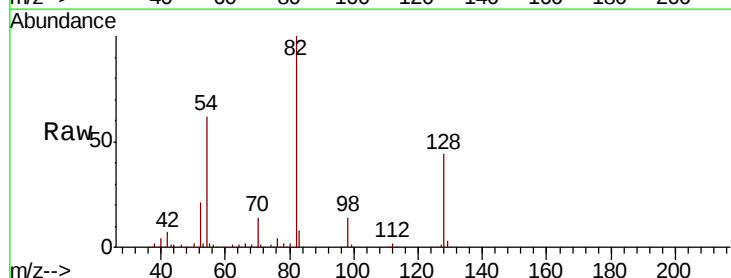
Instrument :
BNA_G
ClientSampleId :
012819-TIPC-E-U-M

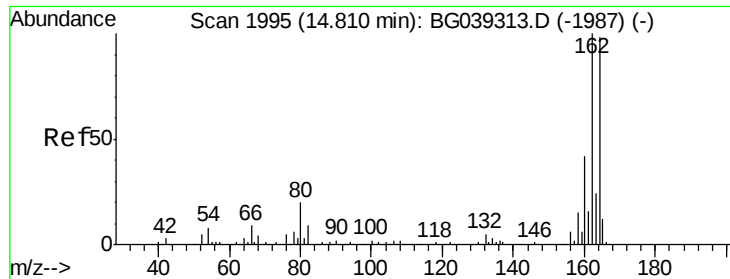
Tot Ion:136	Resp:	186465
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	12.1	9.4 14.2
68	6.7	4.2 6.4#



#23
Nitrobenzene-d5
Concen: 101.820 ng
RT: 9.35 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

Tgt Ion: 82	Resp:	303913
Ion Ratio	Lower	Upper
82	100	
128	44.5	31.3 46.9
54	62.1	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

Instrument :

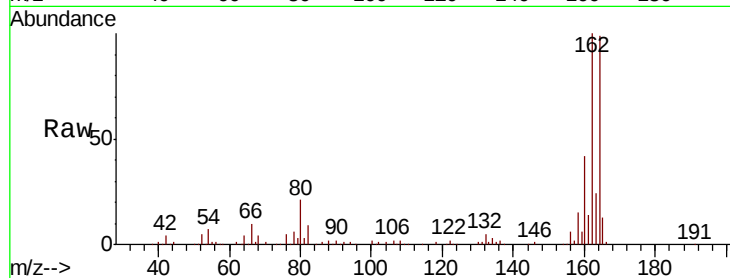
BNA_G

ClientSampleId :

012819-TIPC-E-U-M

Tot Ion:164 Resp: 128449

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.6	122.4
160	42.4	34.2	51.2

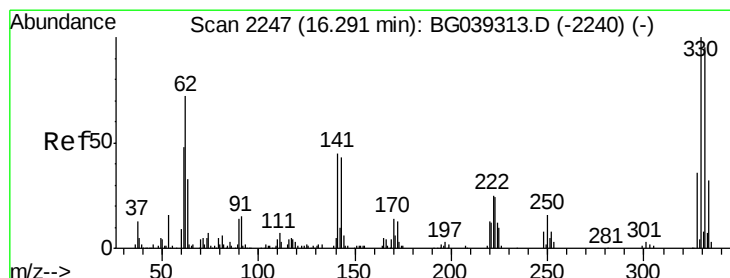
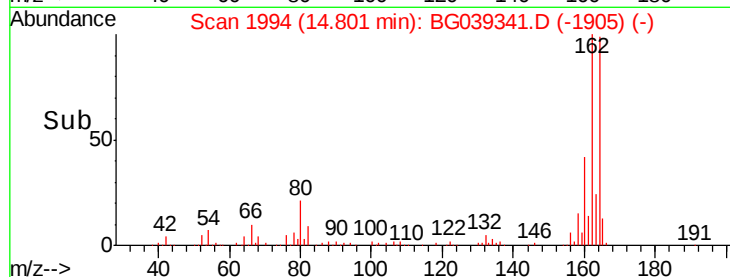
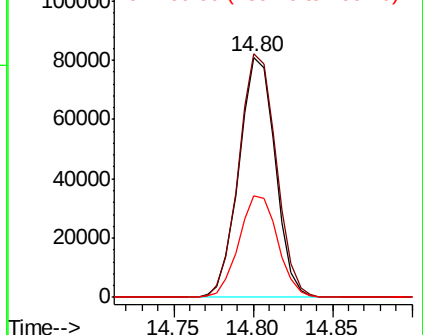


Abundance

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: 95.038 ng

RT: 16.29 min Scan# 2247

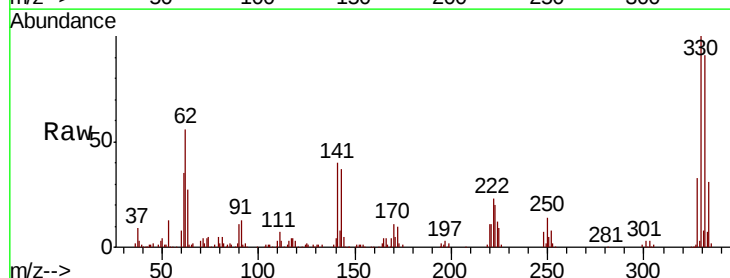
Delta R.T. -0.00 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

Tgt Ion:330 Resp: 131454

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.7	113.5
141	42.8	35.6	53.4

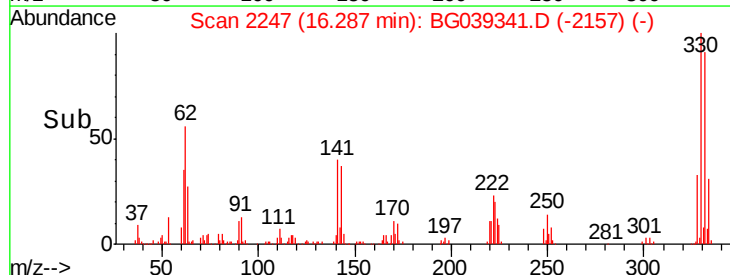
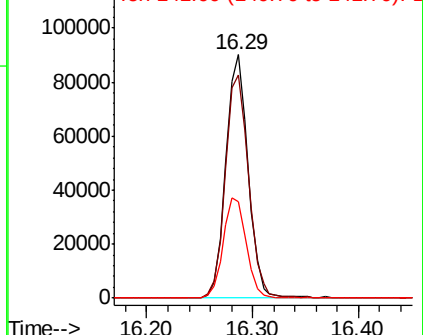


Abundance

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

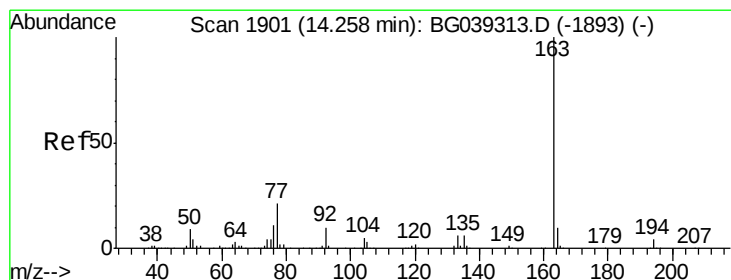
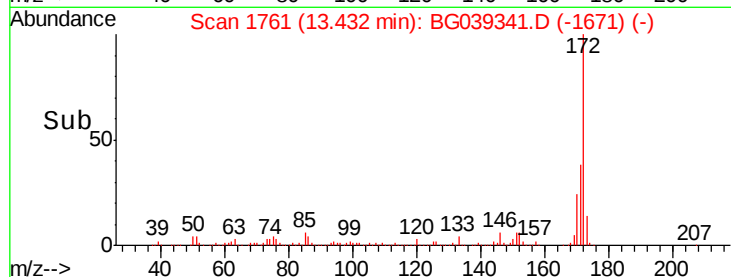
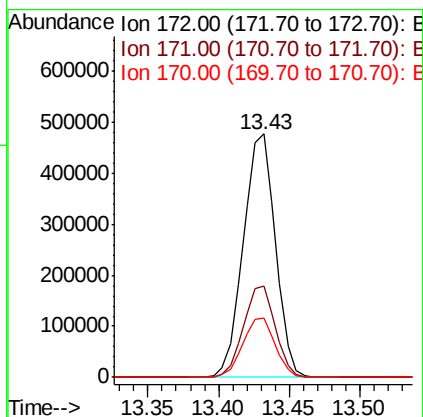
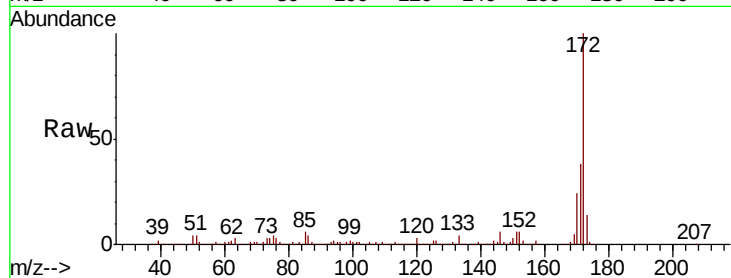




#45
2-Fluorobiphenyl
Concen: 84.699 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

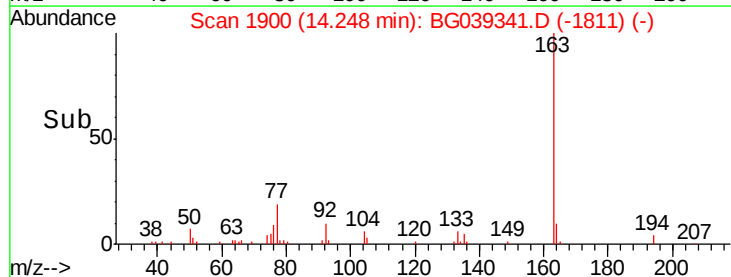
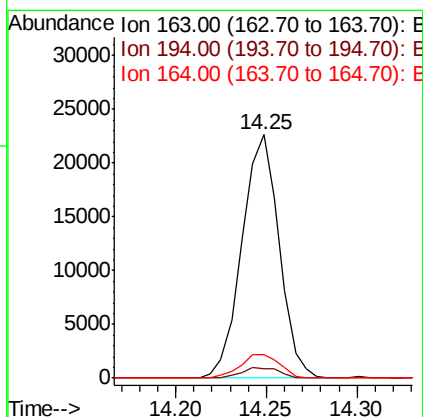
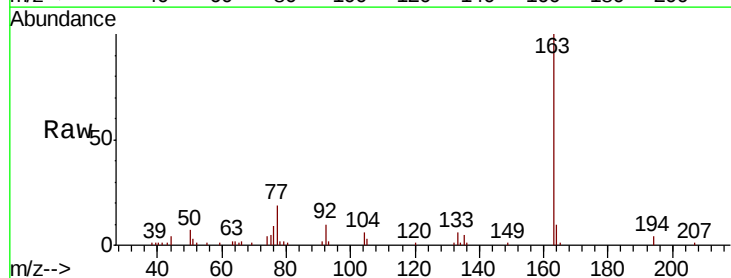
Instrument :
BNA_G
ClientSampleId :
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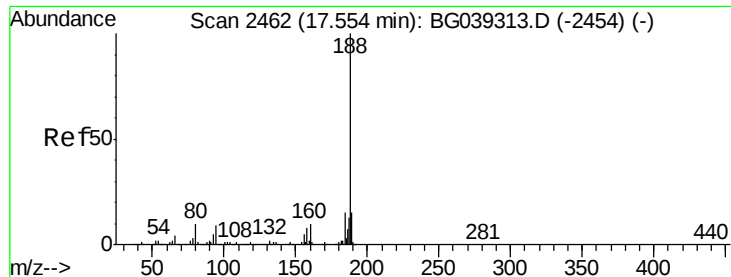
Tot Ion:172 Resp: 758388
Ion Ratio Lower Upper
172 100
171 37.7 30.8 46.2
170 24.2 20.2 30.4



#50
Dimethylphthalate
Concen: 3.105 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG039341.D
Acq: 30 Jan 2019 23:52

Tgt Ion:163 Resp: 32209
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 9.8 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

Instrument :

BNA_G

ClientSampleId :

012819-TIPC-E-U-M

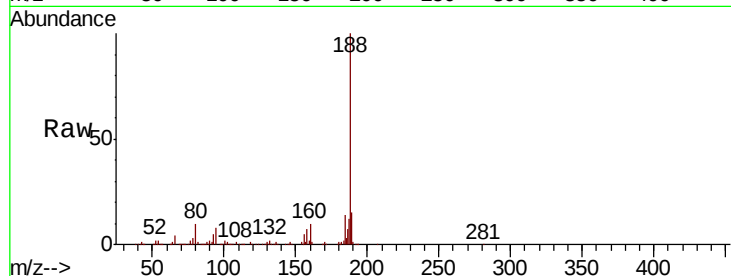
Tot Ion:188 Resp: 311234

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

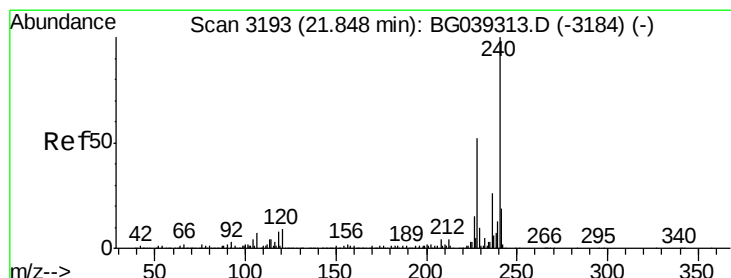
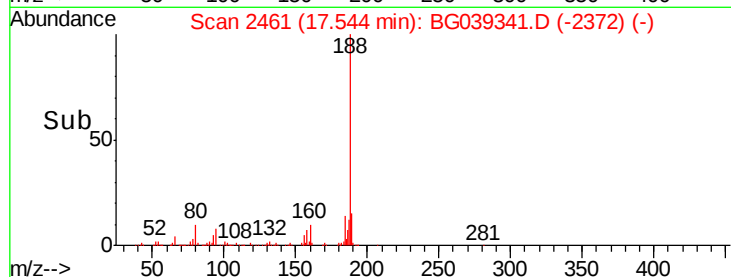
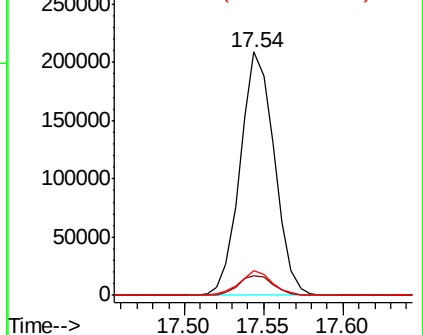
80 10.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

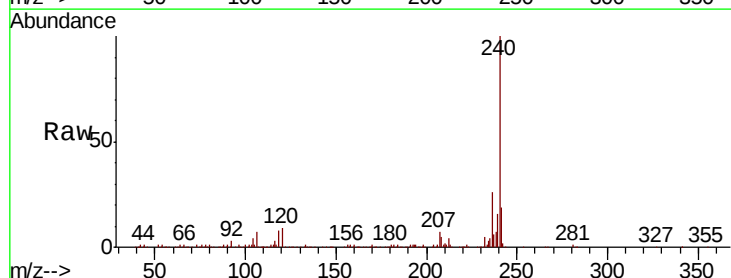
Tgt Ion:240 Resp: 331794

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

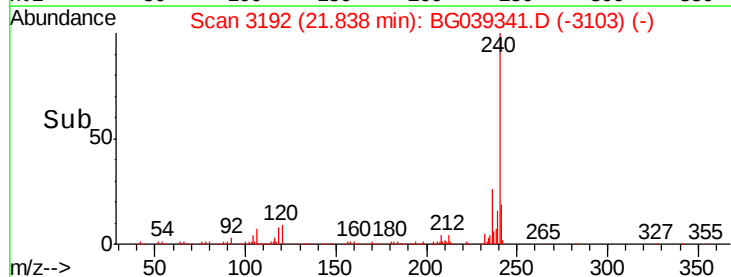
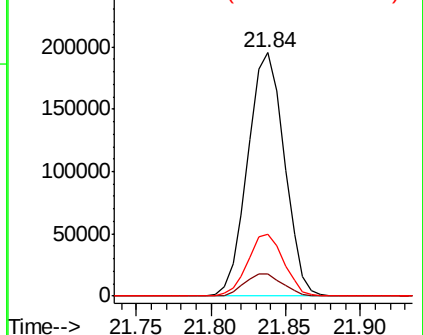
236 25.6 21.0 31.4

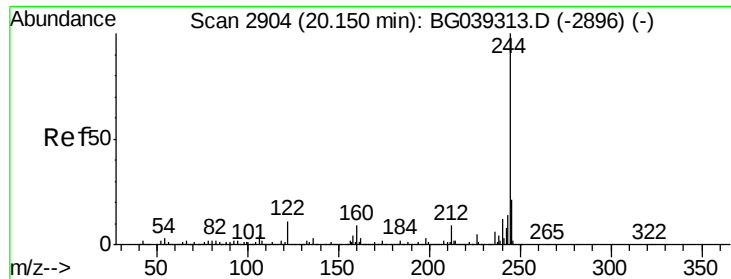


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.752 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

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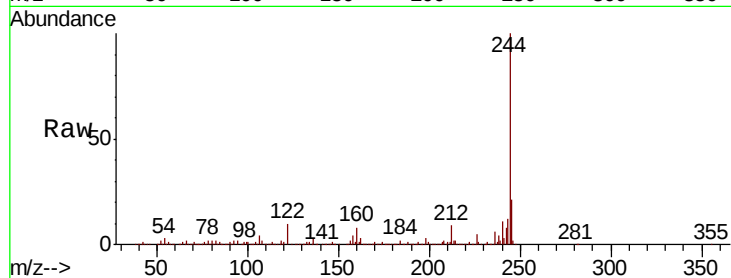
Tot Ion:244 Resp: 1062024

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

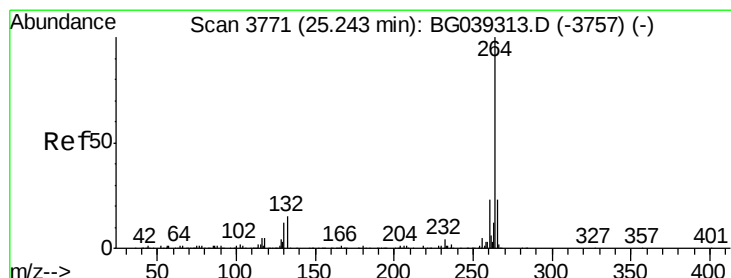
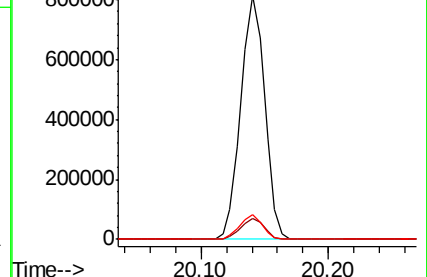
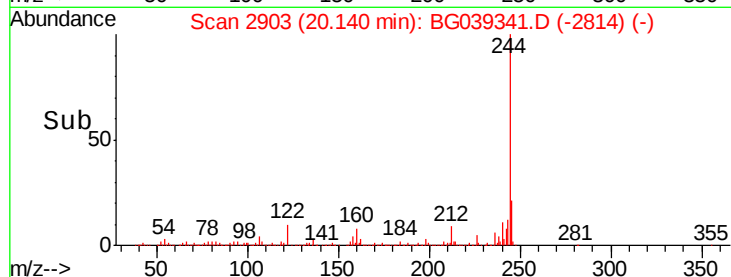
122 10.0 8.4 12.6



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: 25.23 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BG039341.D

Acq: 30 Jan 2019 23:52

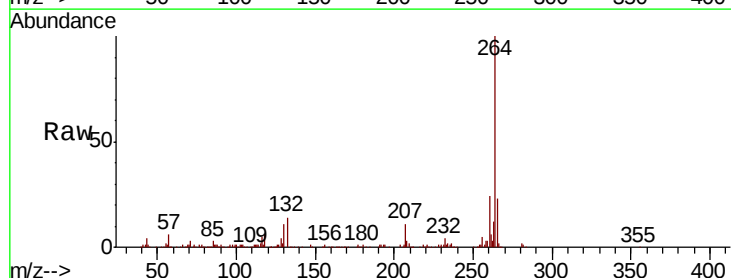
Tgt Ion:264 Resp: 326976

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 23.0 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

