

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039949.D
 Acq On : 15 Mar 2019 20:08
 Operator : JU/SJ
 Sample : K1909-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 93-94

Quant Time: Mar 16 04:46:26 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

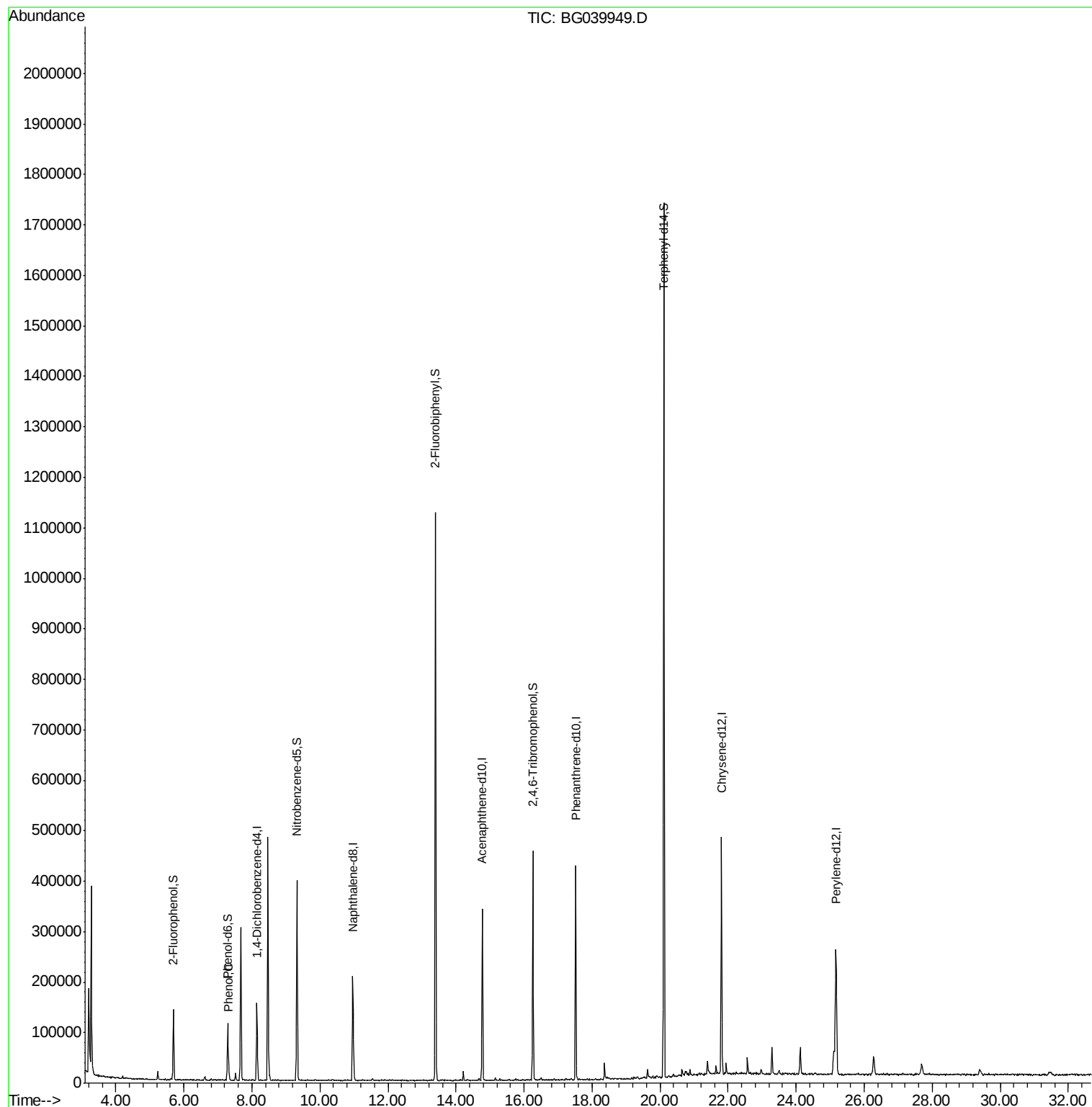
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41352	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	174502	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	114468	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	265342	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	279762	20.00	ng	-0.02
87) Perylene-d12	25.17	264	285755	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	59332	24.48	ng	-0.02
7) Phenol-d6	7.29	99	58372	16.15	ng	-0.02
23) Nitrobenzene-d5	9.32	82	236894	73.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	80068	60.01	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	594865	73.99	ng	-0.02
79) Terphenyl-d14	20.11	244	810773	63.81	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	12805	3.270	ng	Qvalue 98

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

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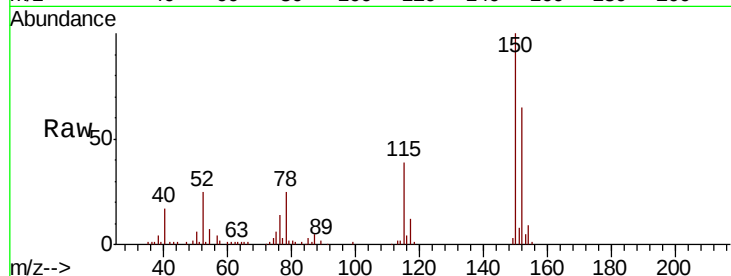


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

Instrument :
BNA_G
ClientSampled :
93-94

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.7	185.5
115	59.7	45.9	68.9

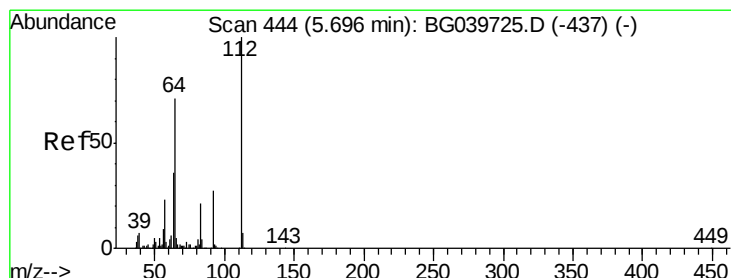
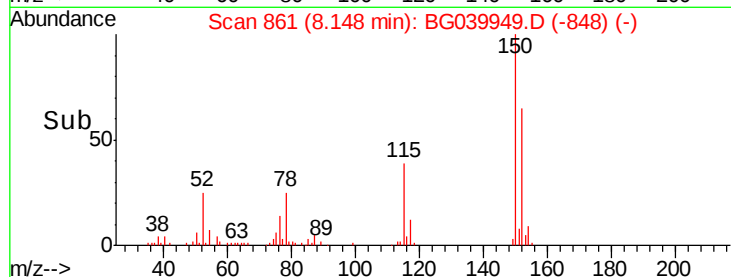
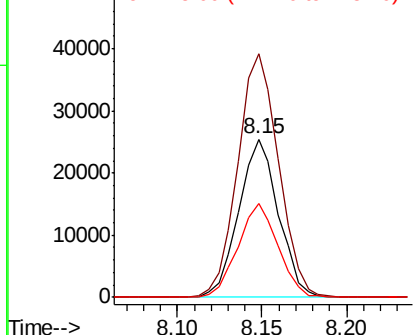


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

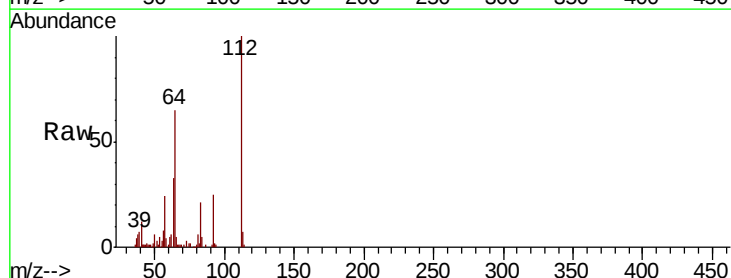
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 24.478 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	57.8	86.8
63	33.4	29.8	44.6

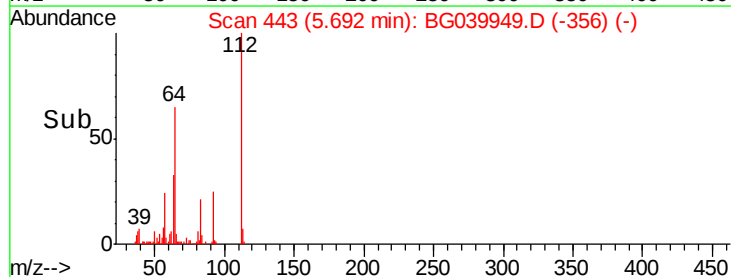
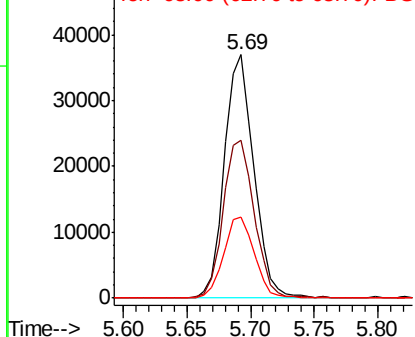


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 16.151 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039949.D

Acq: 15 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

93-94

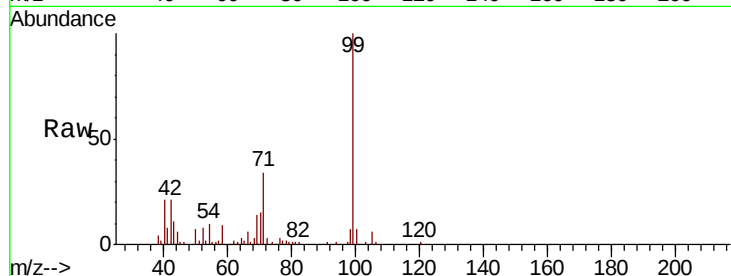
Tot Ion: 99 Resp: 58372

Ion Ratio Lower Upper

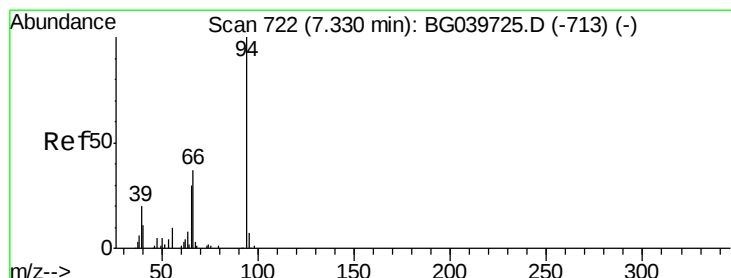
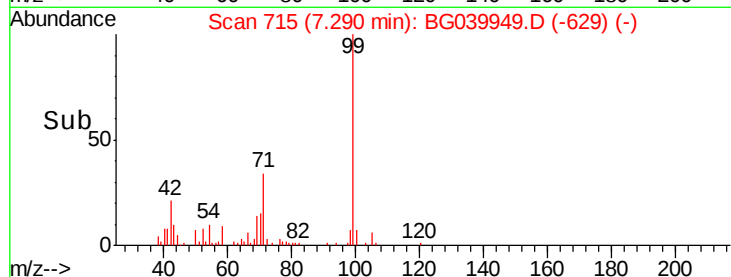
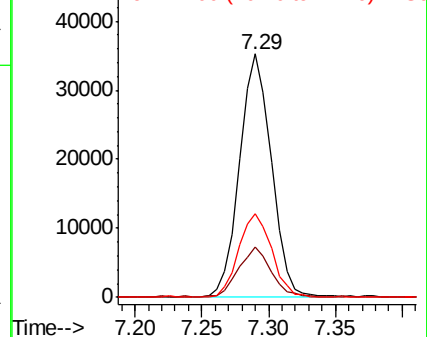
99 100

42 20.9 18.2 27.2

71 34.3 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: 3.270 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG039949.D

Acq: 15 Mar 2019 20:08

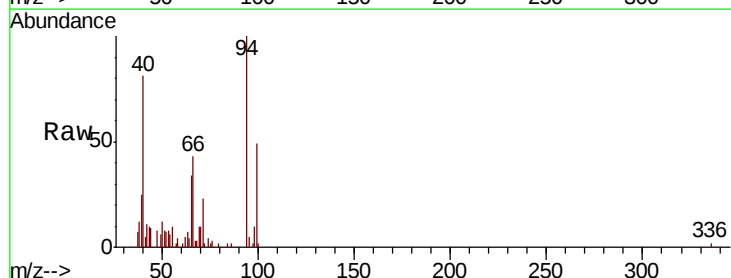
Tgt Ion: 94 Resp: 12805

Ion Ratio Lower Upper

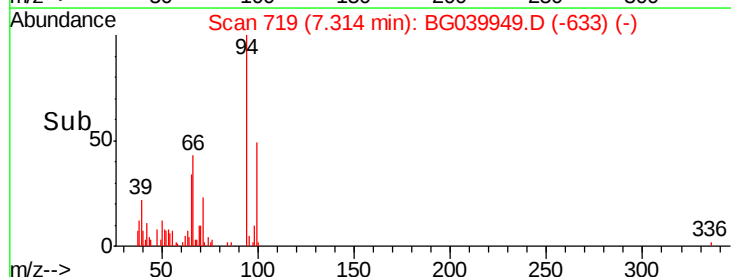
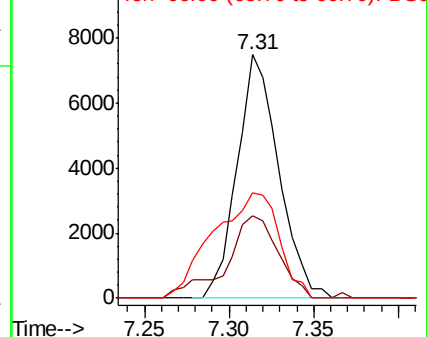
94 100

65 34.1 11.7 51.7

66 43.4 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

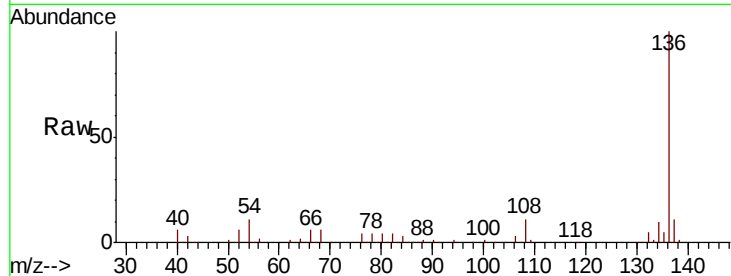




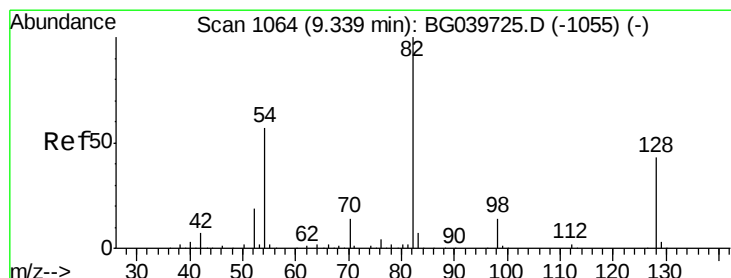
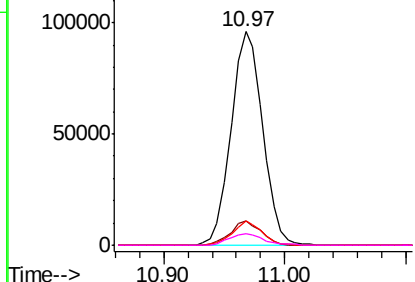
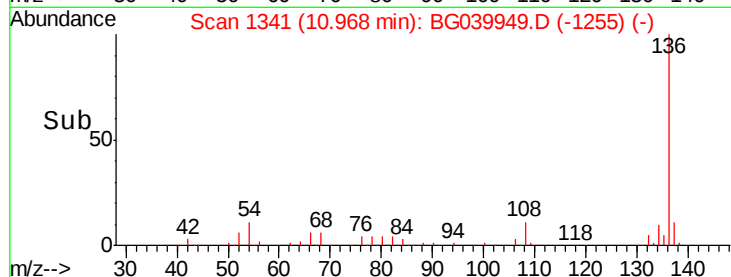
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

Instrument :
BNA_G
ClientSampled :
93-94

Tot Ion:136	Resp:	174502
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	11.1	9.4 14.2
68	5.5	4.2 6.4

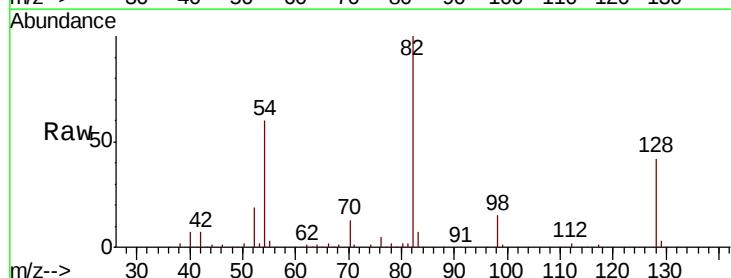


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

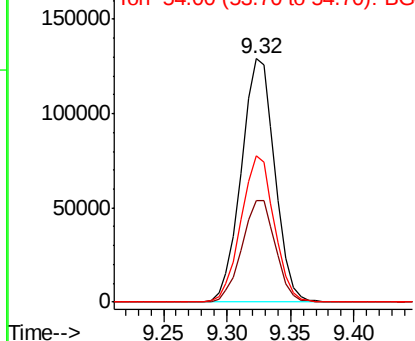
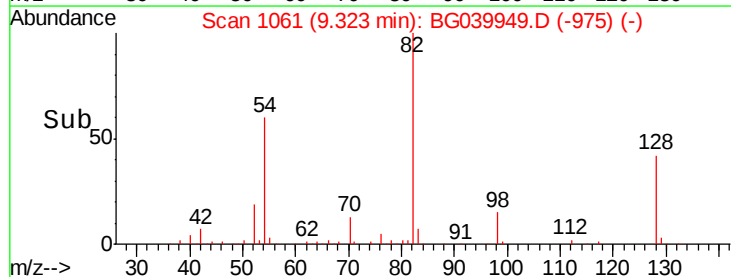


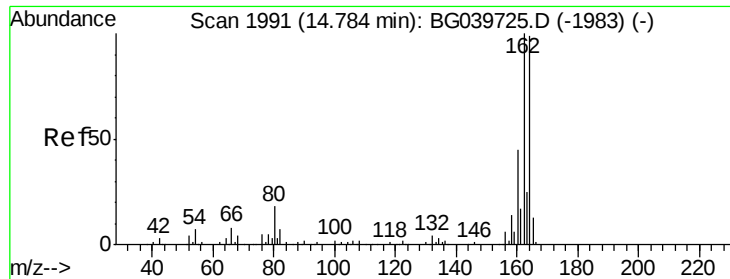
#23
Nitrobenzene-d5
Concen: 73.421 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

Tgt Ion: 82	Resp:	236894
Ion	Ratio	Lower Upper
82	100	
128	41.9	31.3 46.9
54	60.0	50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
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: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039949.D

Acq: 15 Mar 2019 20:08

Instrument :

BNA_G

ClientSampled :

93-94

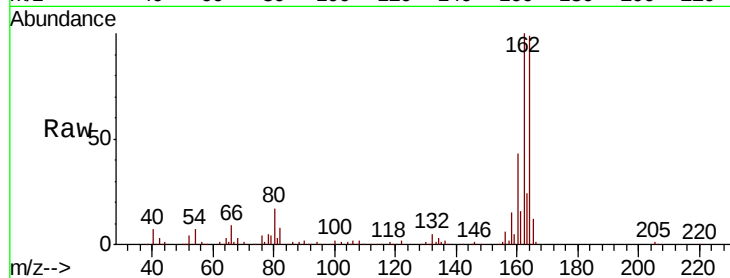
Tot Ion:164 Resp: 114468

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

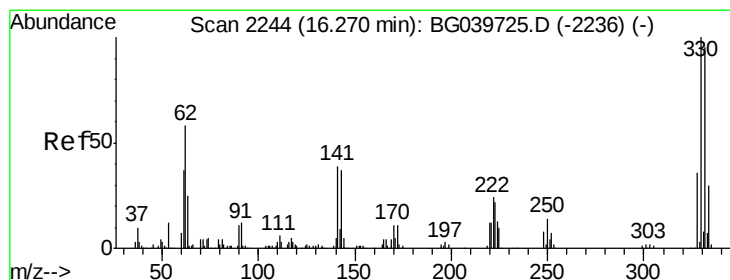
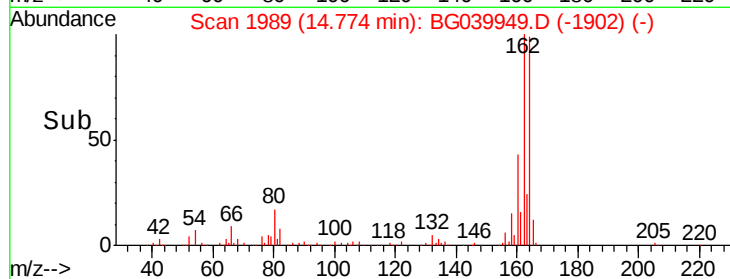
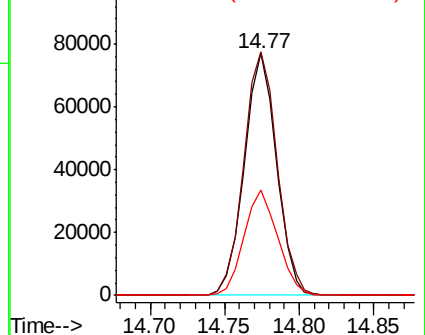
160 43.4 34.2 51.2



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: 60.012 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039949.D

Acq: 15 Mar 2019 20:08

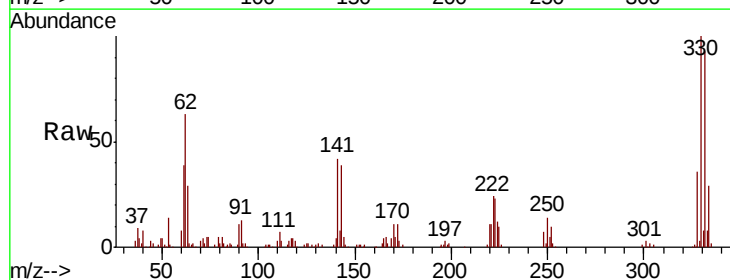
Tgt Ion:330 Resp: 80068

Ion Ratio Lower Upper

330 100

332 94.6 75.7 113.5

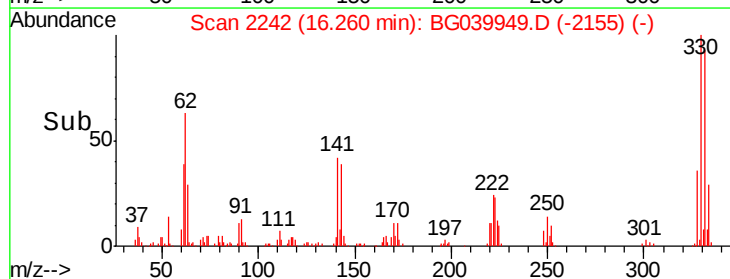
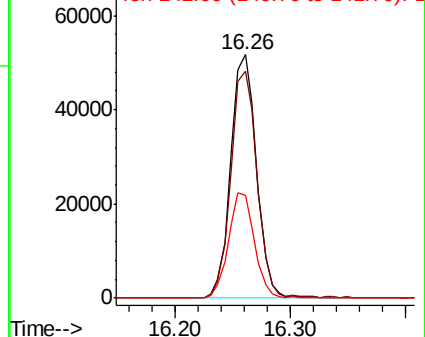
141 43.3 35.6 53.4



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

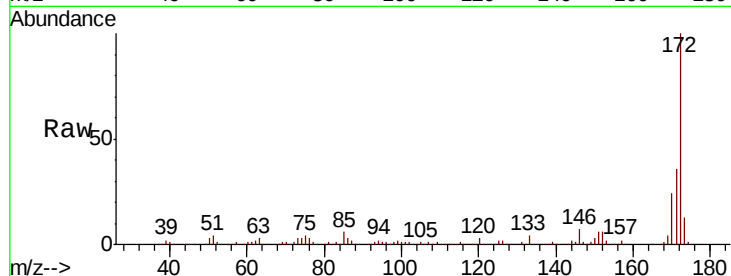




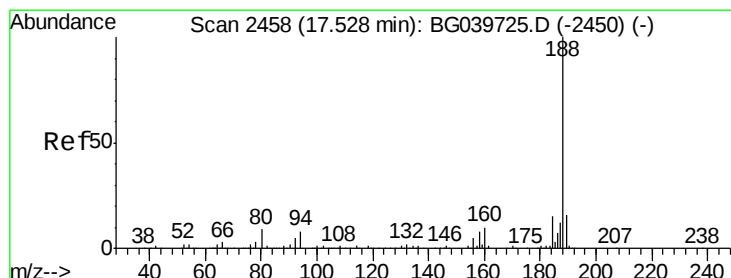
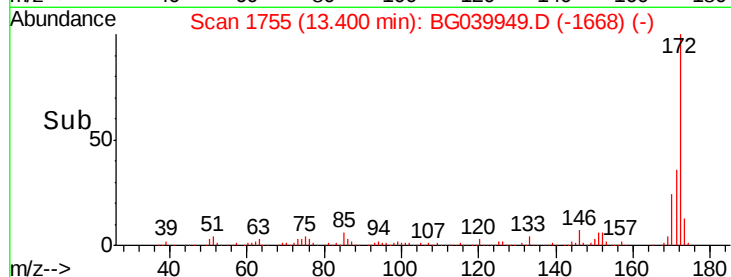
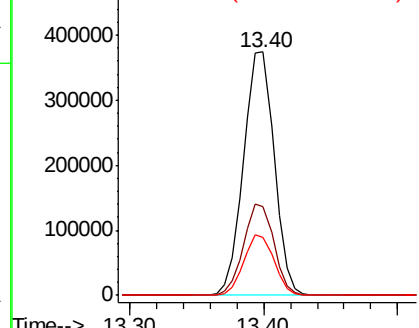
#45
 2-Fluorobiphenyl
 Concen: 73.993 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039949.D
 Acq: 15 Mar 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 93-94

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	23.9	20.2	30.4

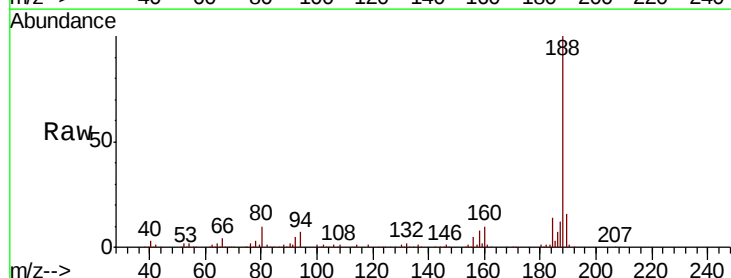


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

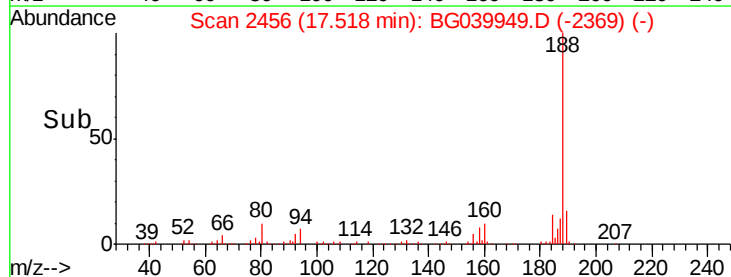
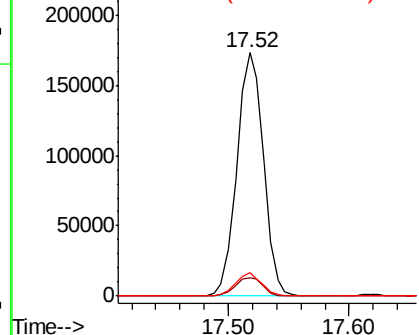


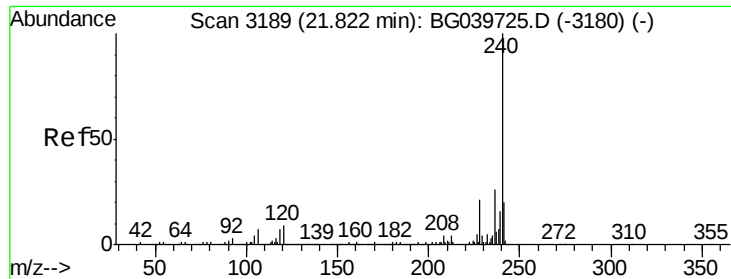
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039949.D
 Acq: 15 Mar 2019 20:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	9.7	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

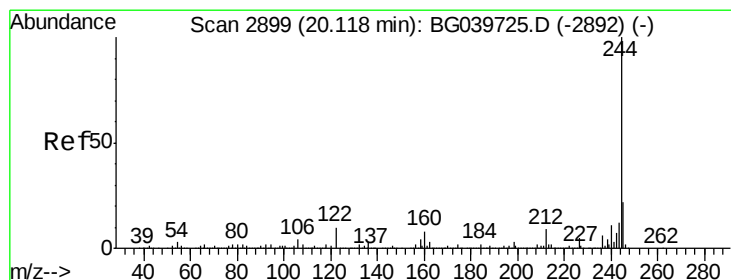
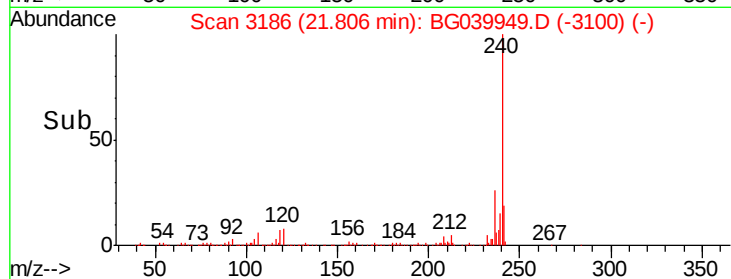
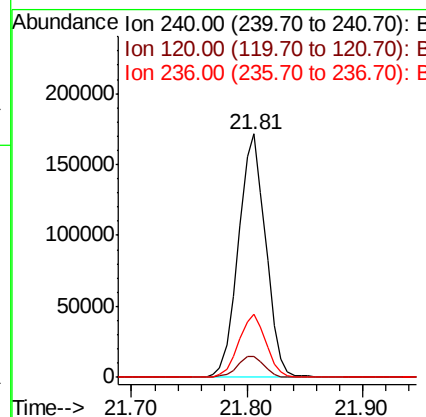
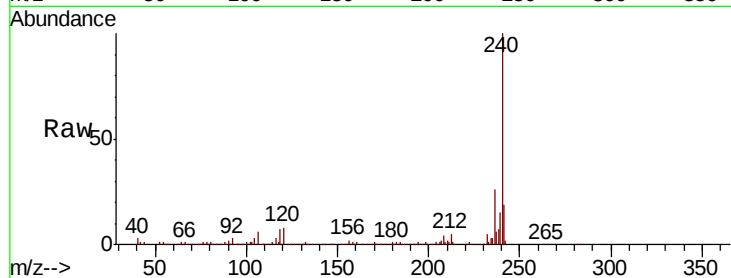




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

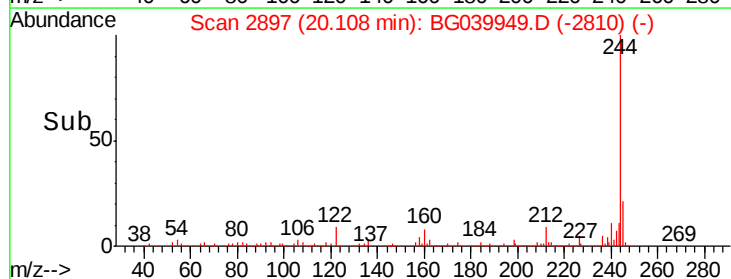
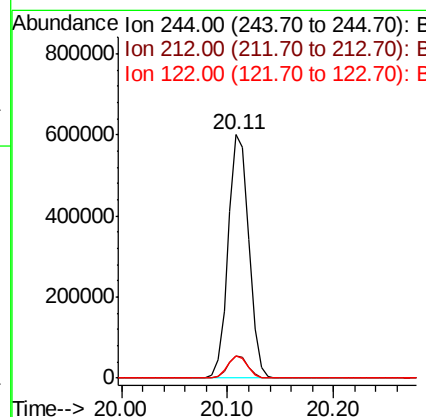
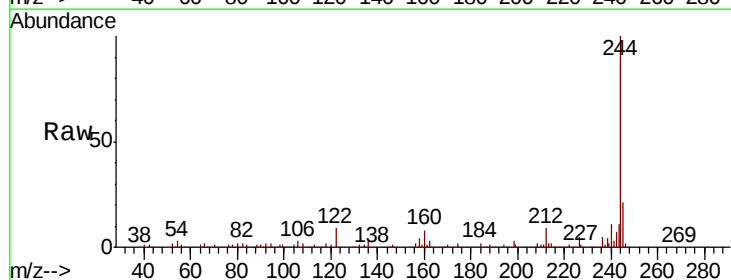
Instrument :
BNA_G
ClientSampled :
93-94

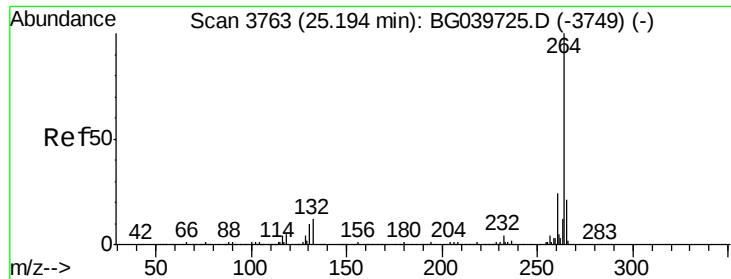
Tot Ion:240 Resp: 279762
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 26.2 21.0 31.4



#79
Terphenyl-d14
Concen: 63.810 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

Tgt Ion:244 Resp: 810773
Ion Ratio Lower Upper
244 100
212 9.1 7.3 10.9
122 9.2 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039949.D
Acq: 15 Mar 2019 20:08

Instrument :
BNA_G
ClientSampleId :
93-94

Tot Ion:	264	Resp:	285755
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.4	18.5	27.7

