

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039971.D
 Acq On : 16 Mar 2019 11:07
 Operator : JU/SJ
 Sample : K1685-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-031419-C

Quant Time: Mar 18 01:37:46 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	8.15	152	44717	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	195652	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	134389	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	315662	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	321990	20.00	ng	-0.03
87) Perylene-d12	25.17	264	323069	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	354062	135.08	ng	-0.02
7) Phenol-d6	7.29	99	473459	121.14	ng	-0.02
23) Nitrobenzene-d5	9.33	82	364055	100.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	205511	131.20	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	856304	90.72	ng	-0.02
79) Terphenyl-d14	20.11	244	1319460	90.23	ng	-0.01

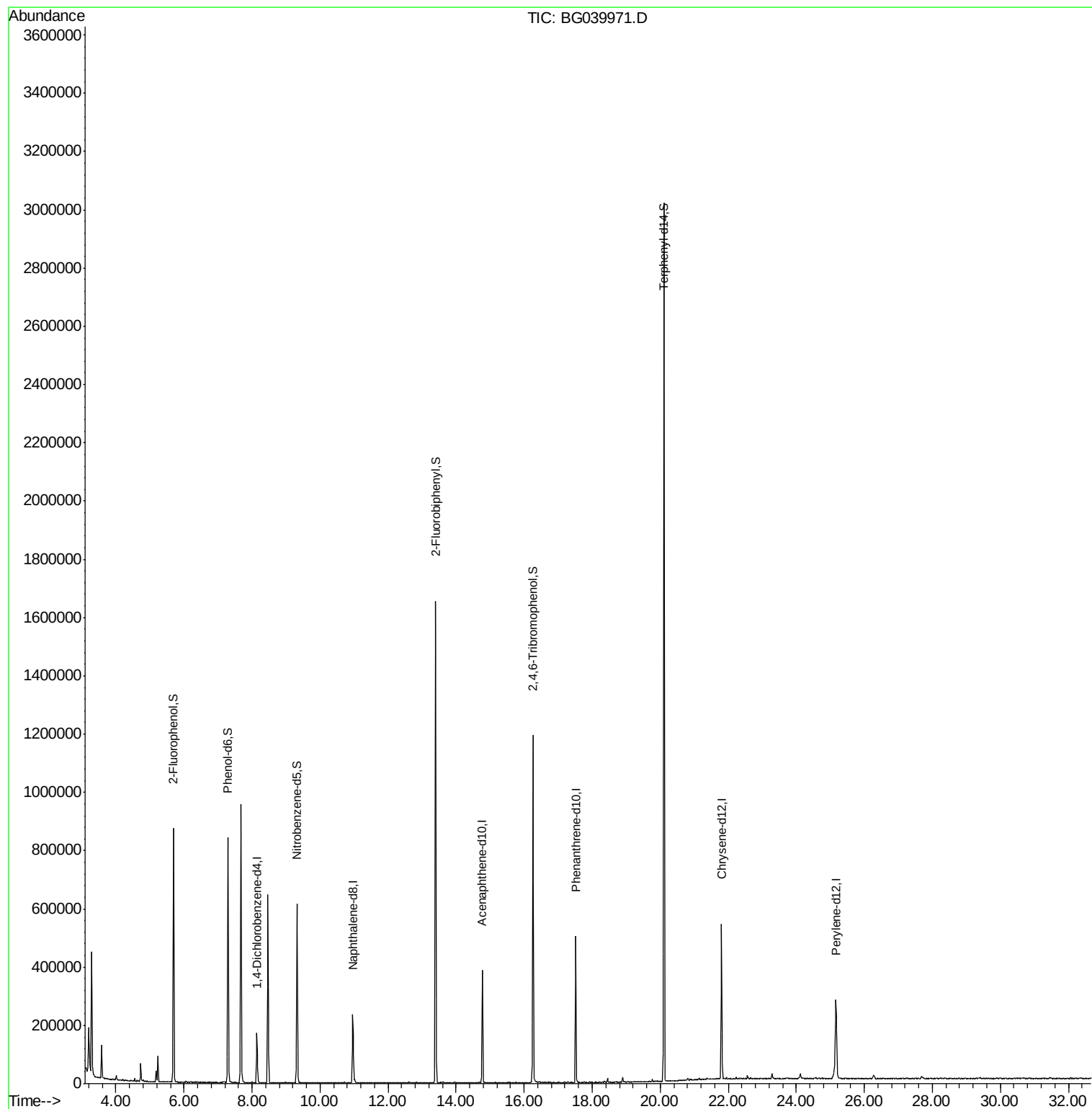
Target Compounds Qvalue

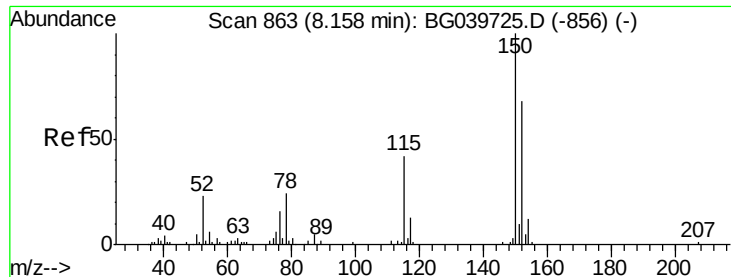
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039971.D
Acq On : 16 Mar 2019 11:07
Operator : JU/SJ
Sample : K1685-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-C

Quant Time: Mar 18 01:37:46 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



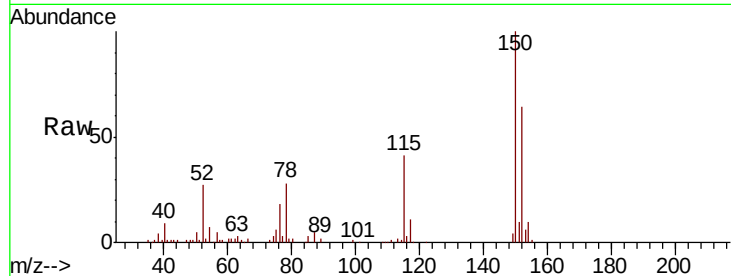


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039971.D
Acq: 16 Mar 2019 11:07

Instrument :
BNA_G
ClientSampleId :
AU-05-031419-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.7	185.5
115	63.0	45.9	68.9

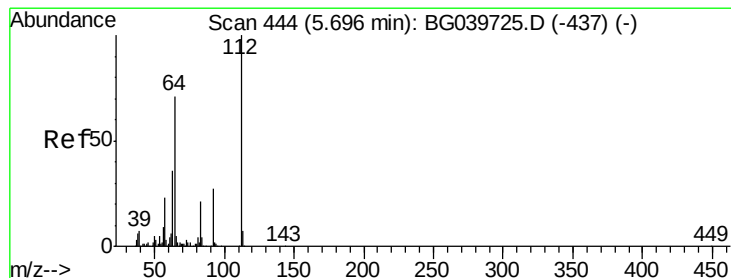
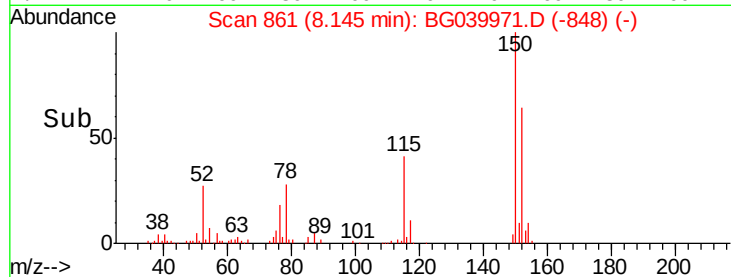
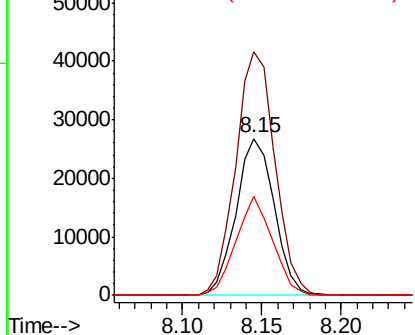


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

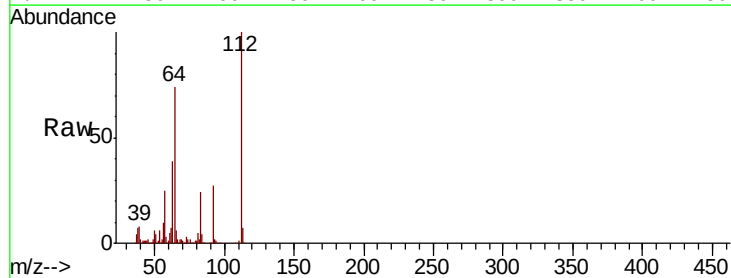
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.079 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039971.D
Acq: 16 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	57.8	86.8
63	38.5	29.8	44.6

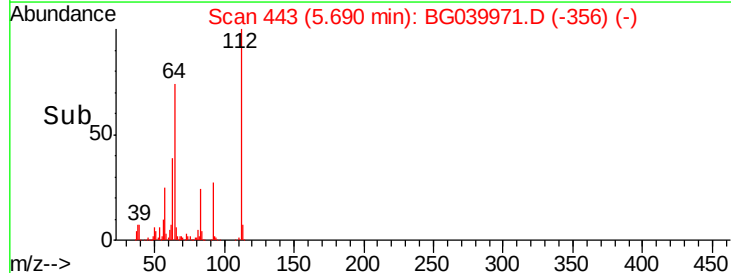
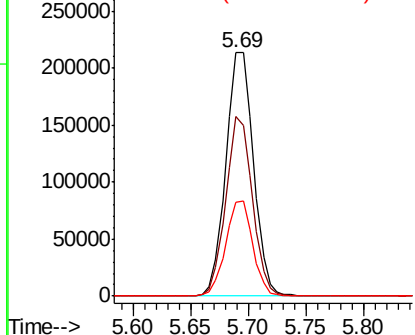


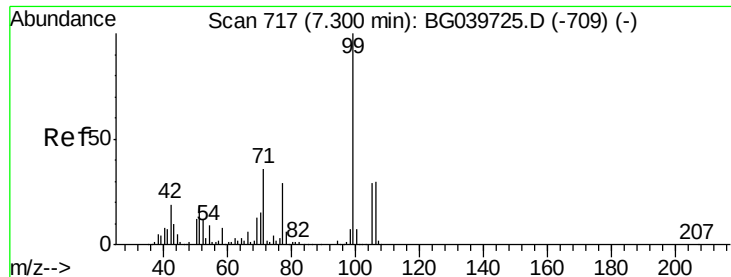
Abundance

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: 121.143 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039971.D

Acq: 16 Mar 2019 11:07

Instrument :

BNA_G

ClientSampleId :

AU-05-031419-C

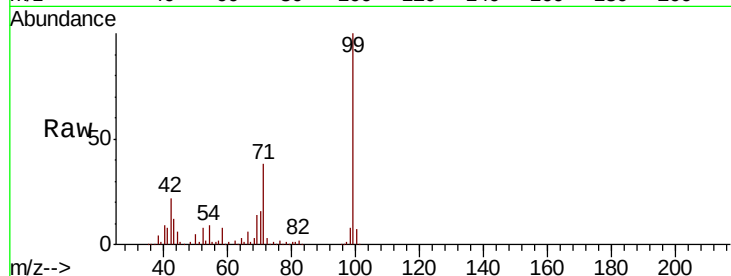
Tot Ion: 99 Resp: 473459

Ion Ratio Lower Upper

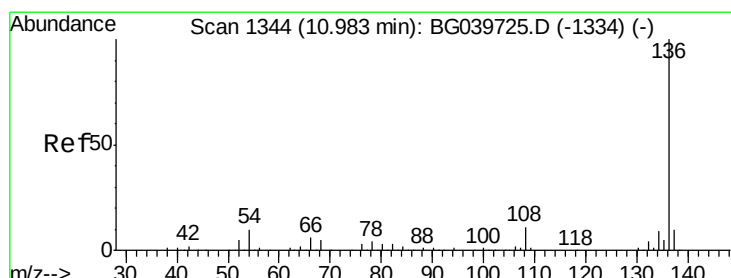
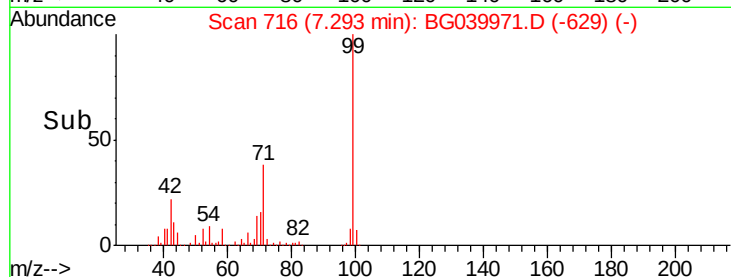
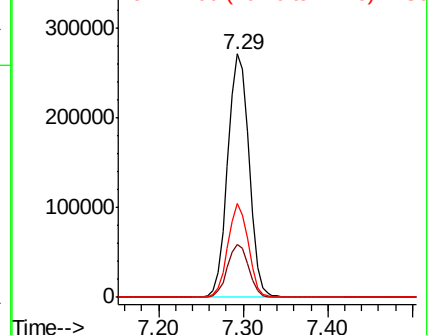
99 100

42 21.6 18.2 27.2

71 38.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BG039971.D

Acq: 16 Mar 2019 11:07

Tgt Ion: 136 Resp: 195652

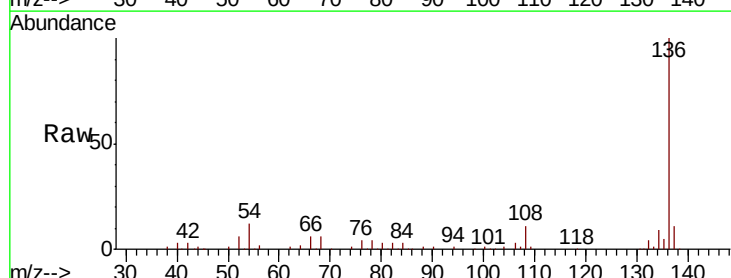
Ion Ratio Lower Upper

136 100

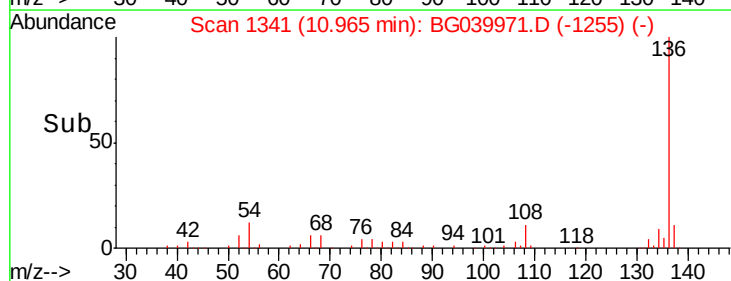
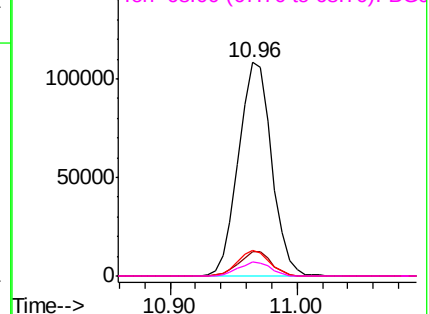
137 11.2 9.1 13.7

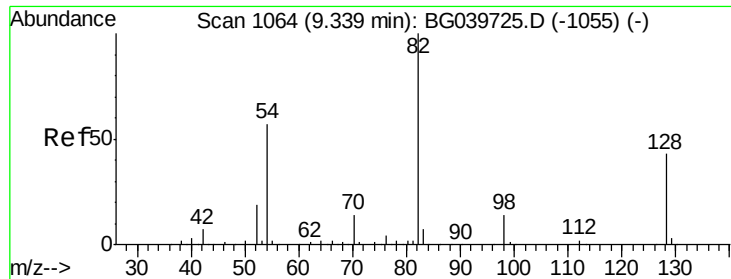
54 11.8 9.4 14.2

68 6.4 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

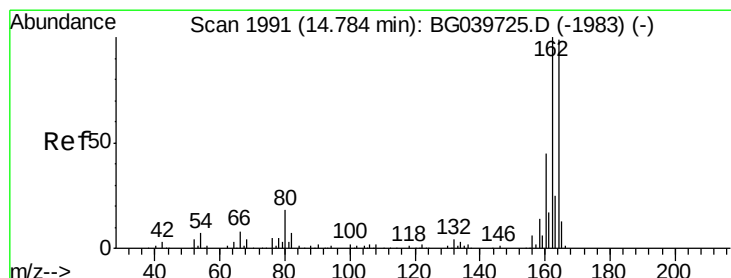
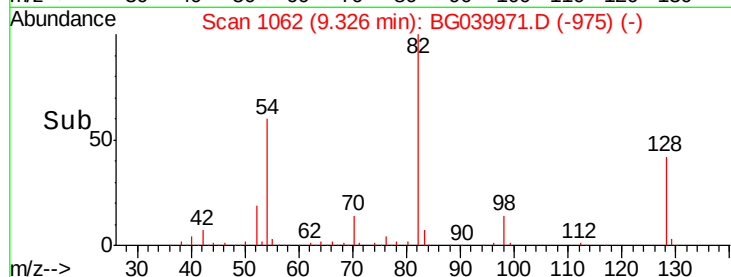
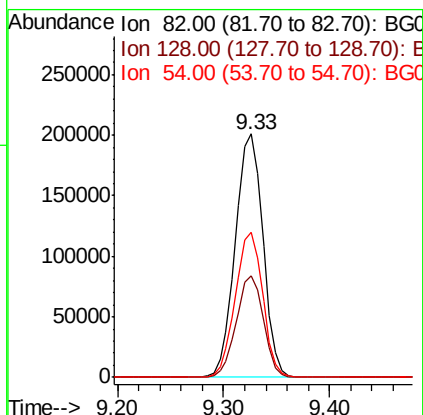
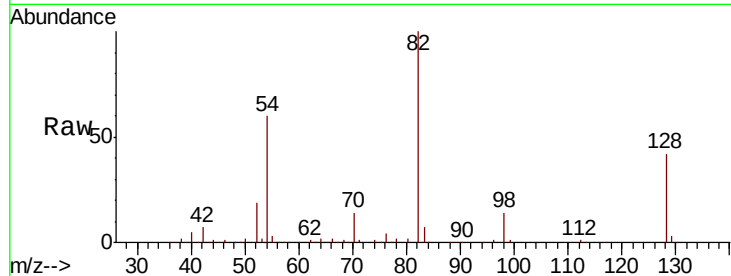




#23
Nitrobenzene-d5
Concen: 100.636 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039971.D
Acq: 16 Mar 2019 11:07

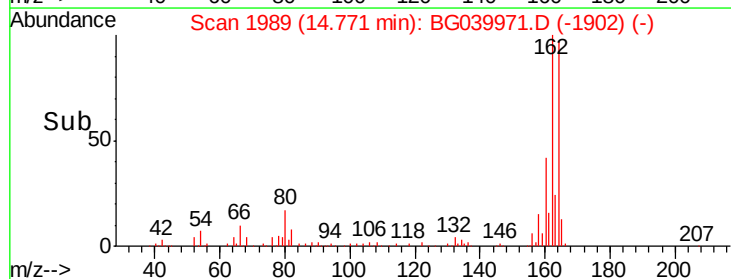
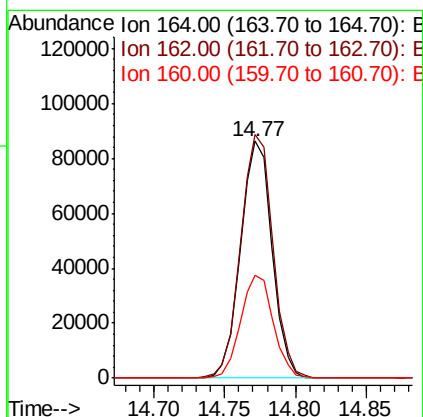
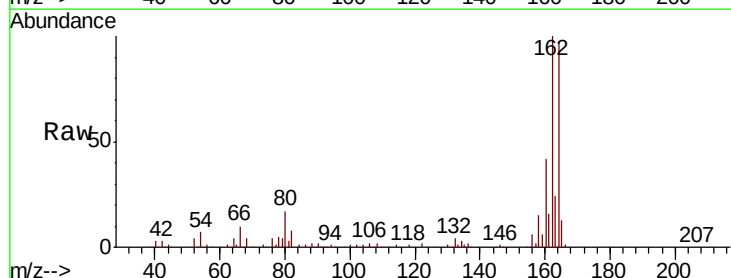
Instrument :
BNA_G
ClientSampleId :
AU-05-031419-C

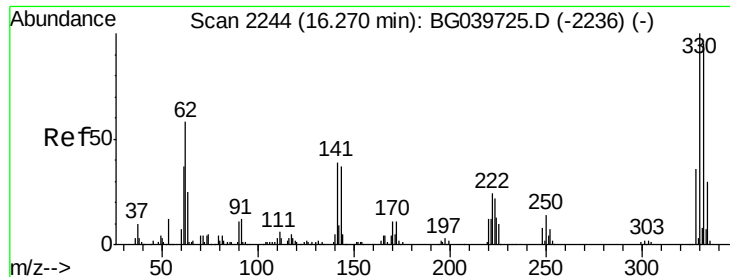
Tot Ion: 82 Resp: 364055
Ion Ratio Lower Upper
82 100
128 42.0 31.3 46.9
54 59.8 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039971.D
Acq: 16 Mar 2019 11:07

Tgt Ion:164 Resp: 134389
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 43.6 34.2 51.2

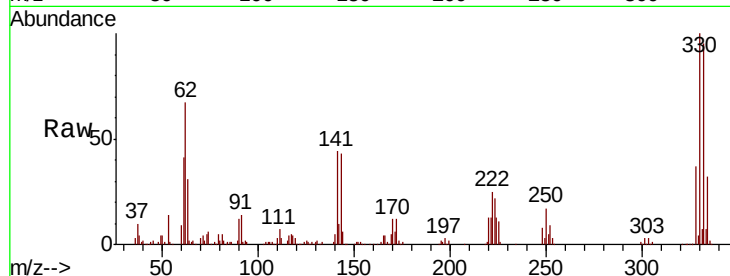




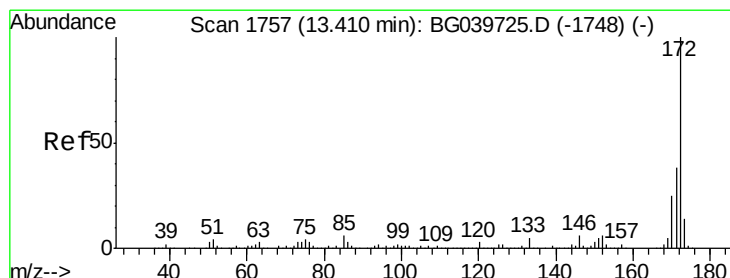
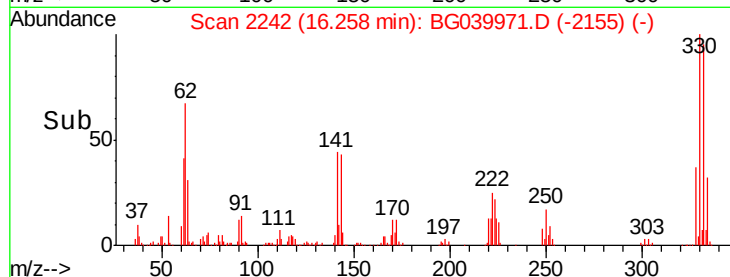
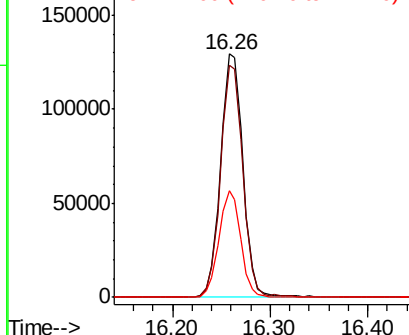
#42
 2,4,6-Tribromophenol
 Concen: 131.199 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039971.D
 Acq: 16 Mar 2019 11:07

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-031419-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	42.9	35.6	53.4

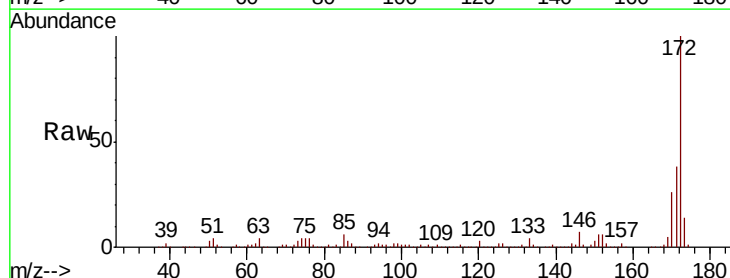


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

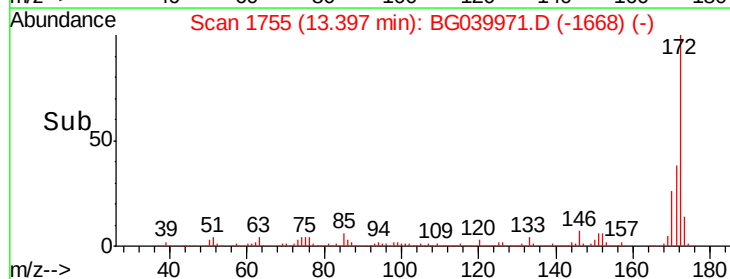
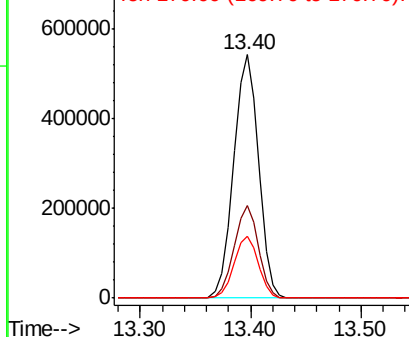


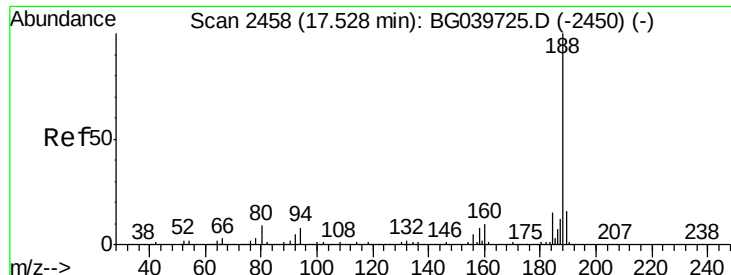
#45
 2-Fluorobiphenyl
 Concen: 90.724 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039971.D
 Acq: 16 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.5	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

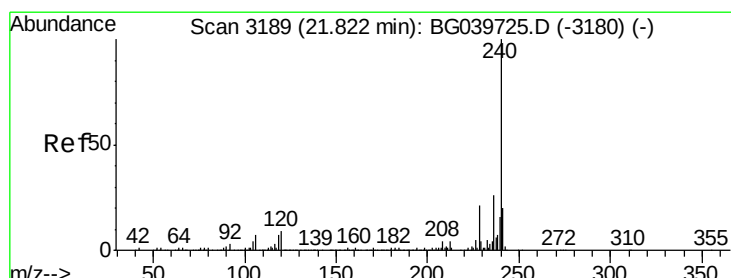
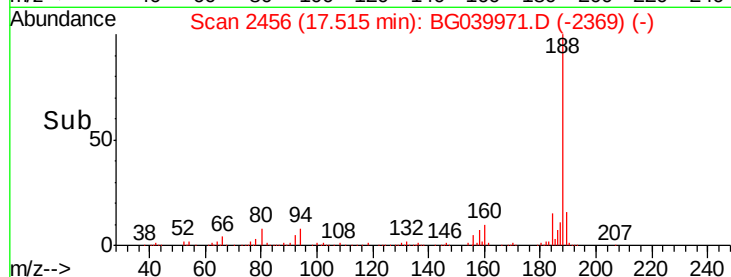
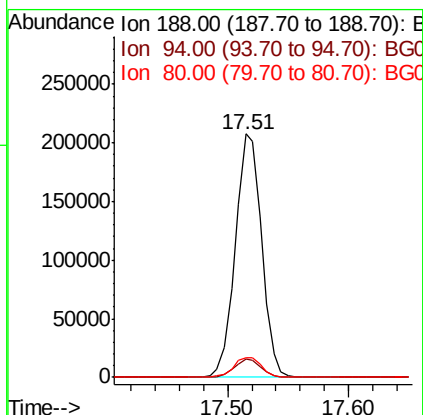
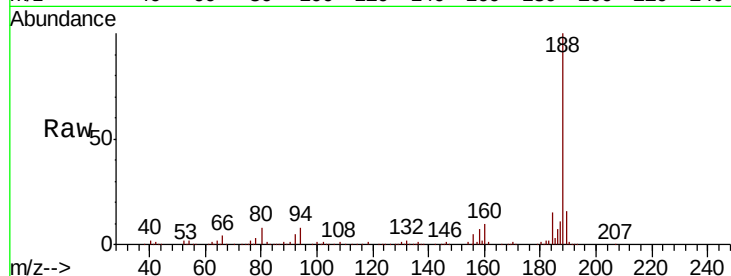




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039971.D
 Acq: 16 Mar 2019 11:07

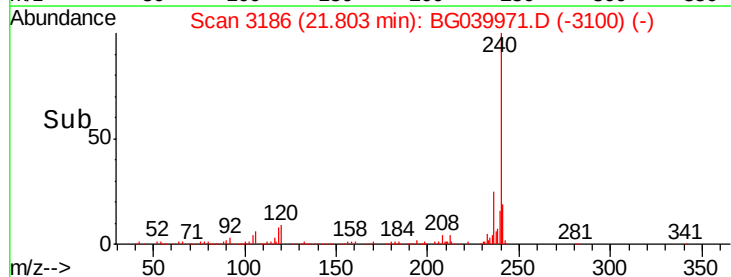
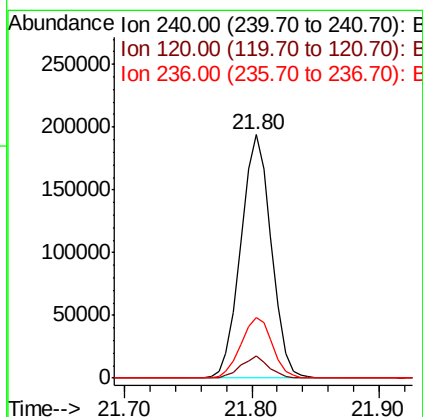
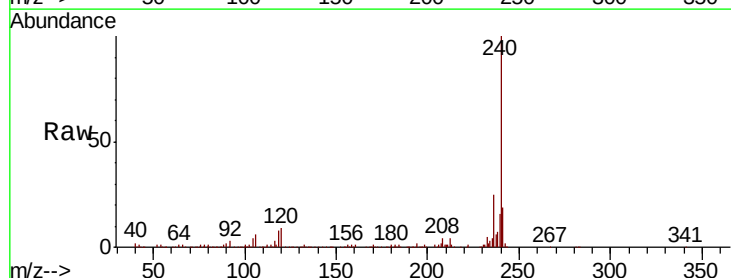
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-031419-C

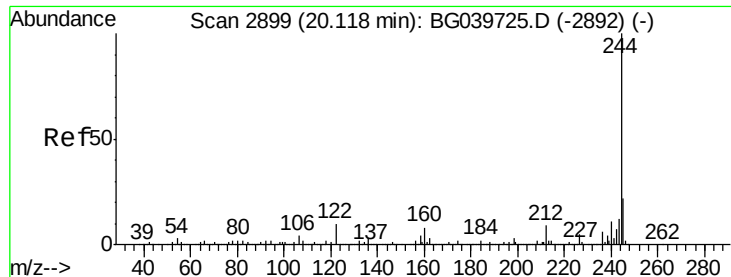
Tot Ion:188 Resp: 315662
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.9 10.3
 80 8.1 8.1 12.1#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3186
 Delta R.T. -0.03 min
 Lab File: BG039971.D
 Acq: 16 Mar 2019 11:07

Tgt Ion:240 Resp: 321990
 Ion Ratio Lower Upper
 240 100
 120 8.9 7.0 10.6
 236 25.0 21.0 31.4





#79

Terphenyl-d14

Concen: 90.226 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039971.D

Acq: 16 Mar 2019 11:07

Instrument :

BNA_G

ClientSampleId :

AU-05-031419-C

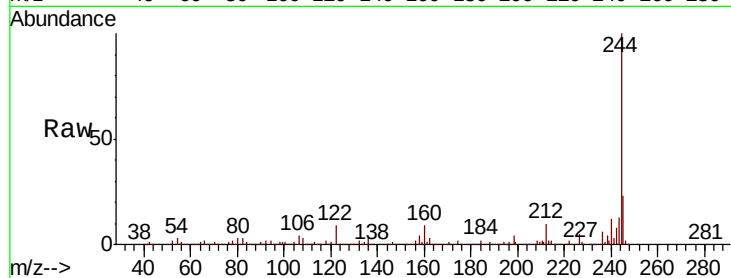
Tot Ion:244 Resp: 1319460

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

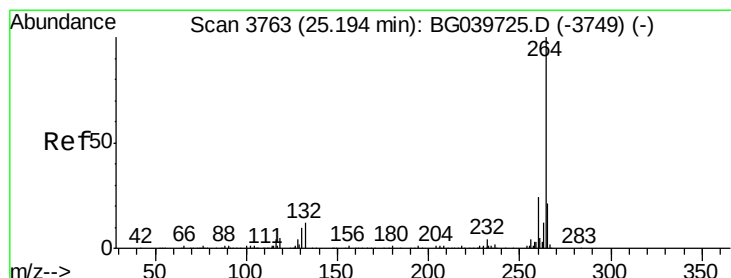
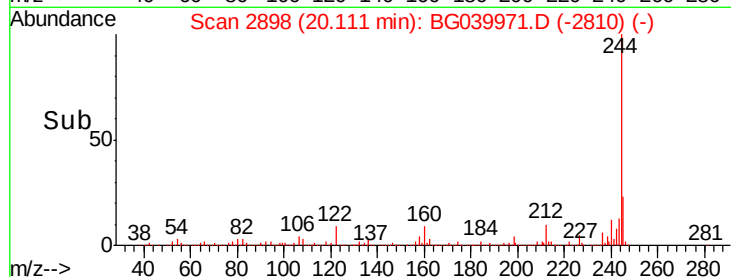
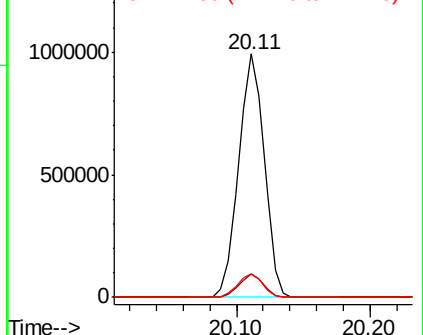
122 9.4 8.4 12.6



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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039971.D

Acq: 16 Mar 2019 11:07

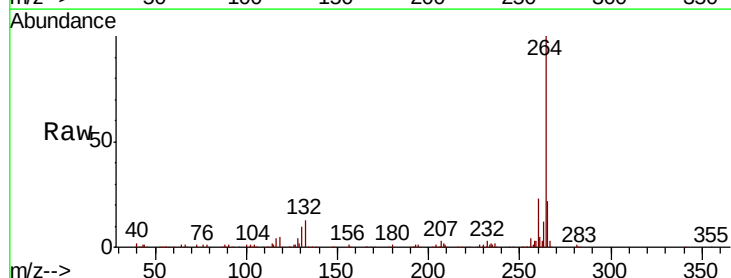
Tgt Ion:264 Resp: 323069

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 22.1 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

