

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039804.D
 Acq On : 7 Mar 2019 16:11
 Operator : JU/SJ
 Sample : K1780-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-A

Quant Time: Mar 08 01:36:08 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

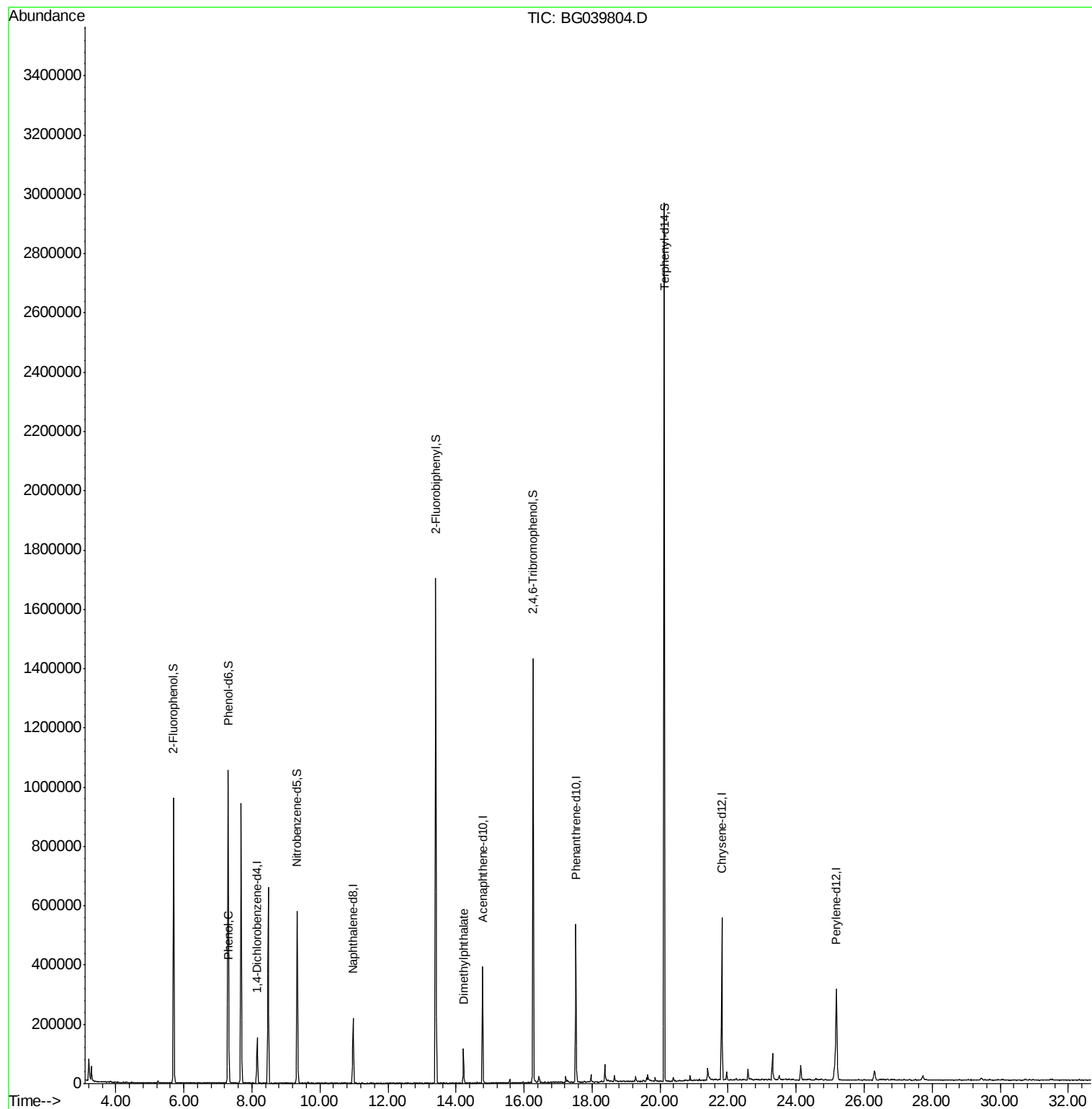
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42182	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	190774	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	136383	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	327196	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	333646	20.00	ng	-0.02
87) Perylene-d12	25.18	264	336277	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	399407	161.54	ng	-0.01
7) Phenol-d6	7.30	99	590044	160.05	ng	-0.01
23) Nitrobenzene-d5	9.33	82	352933	100.06	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	246732	155.21	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	905987	94.58	ng	-0.01
79) Terphenyl-d14	20.12	244	1374215	90.69	ng	0.00
Target Compounds						
10) Phenol	7.33	94	14411	3.608	ng	83
50) Dimethylphthalate	14.22	163	78647	6.896	ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
Data File : BG039804.D
Acq On : 7 Mar 2019 16:11
Operator : JU/SJ
Sample : K1780-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-A

Quant Time: Mar 08 01:36:08 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



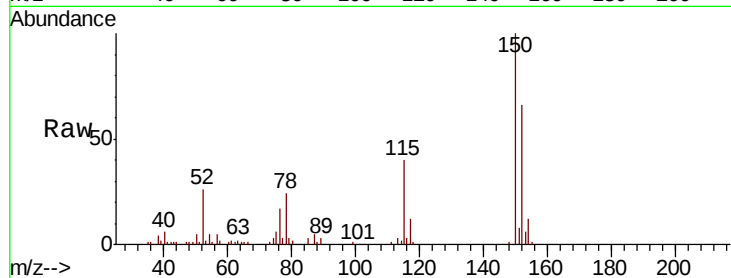


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039804.D
Acq: 7 Mar 2019 16:11

Instrument :
BNA_G
ClientSampleId :
SOIL-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.7	185.5
115	60.3	45.9	68.9

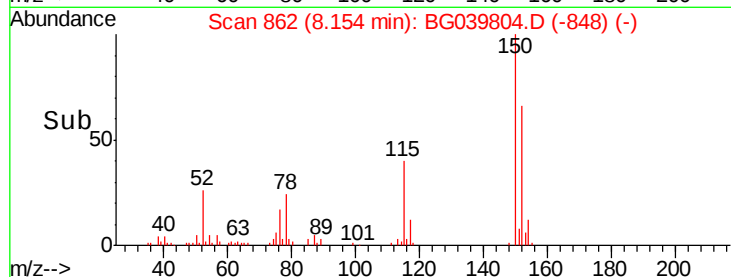
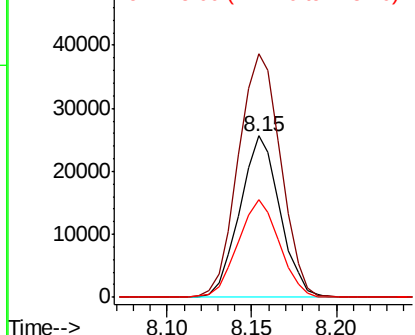


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

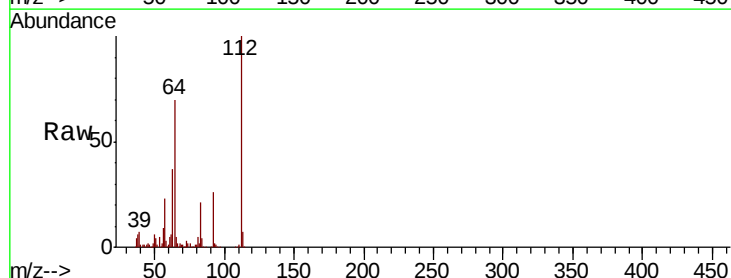
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 161.536 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039804.D
Acq: 7 Mar 2019 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	57.8	86.8
63	37.0	29.8	44.6

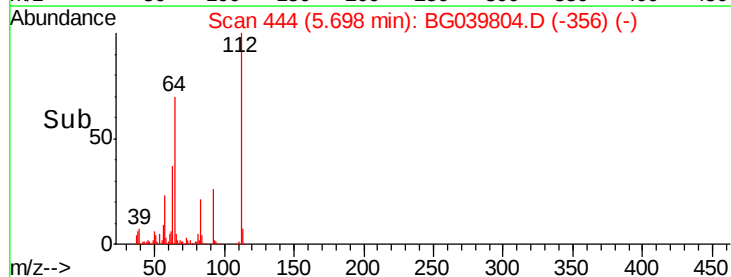
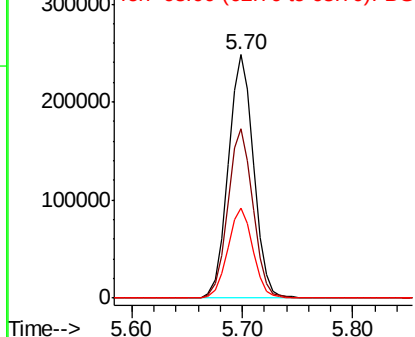


Abundance

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: 160.046 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039804.D

Acq: 7 Mar 2019 16:11

Instrument :

BNA_G

ClientSampleId :

SOIL-A

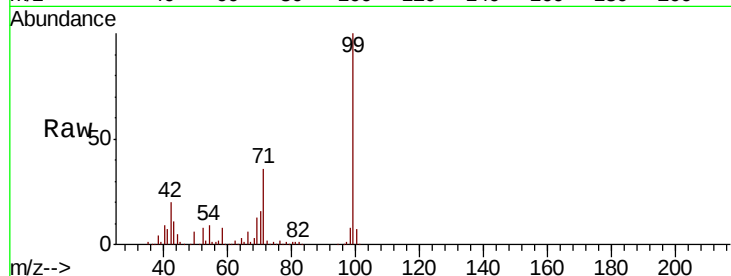
Tot Ion: 99 Resp: 590044

Ion Ratio Lower Upper

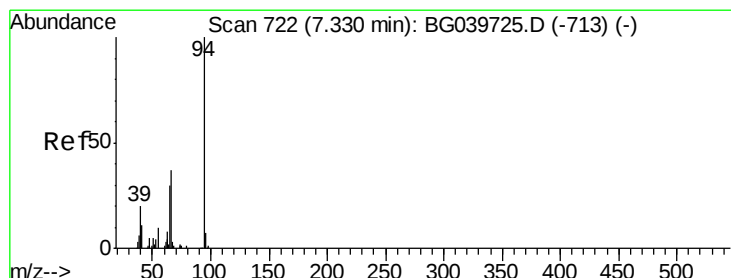
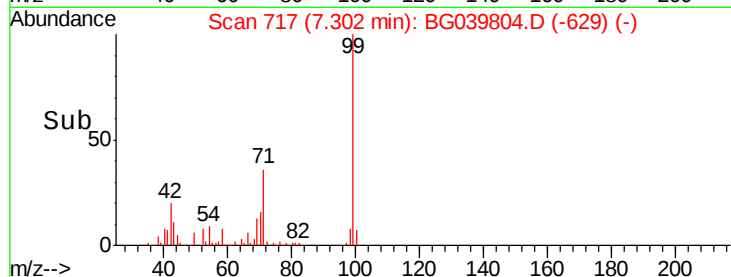
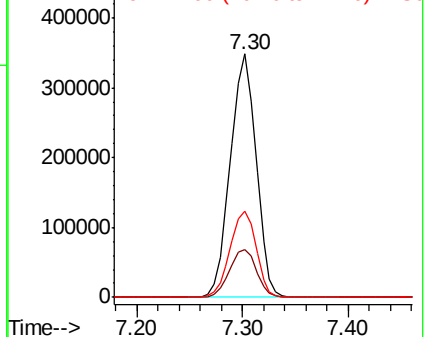
99 100

42 19.9 18.2 27.2

71 35.5 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: 3.608 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039804.D

Acq: 7 Mar 2019 16:11

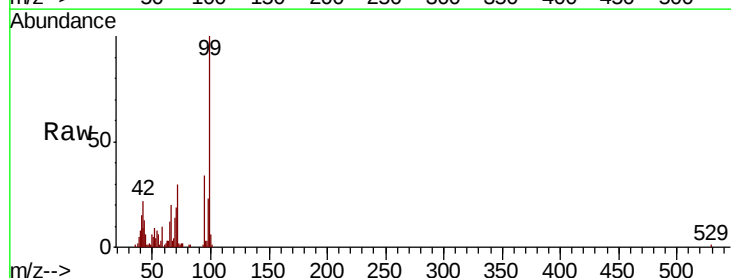
Tgt Ion: 94 Resp: 14411

Ion Ratio Lower Upper

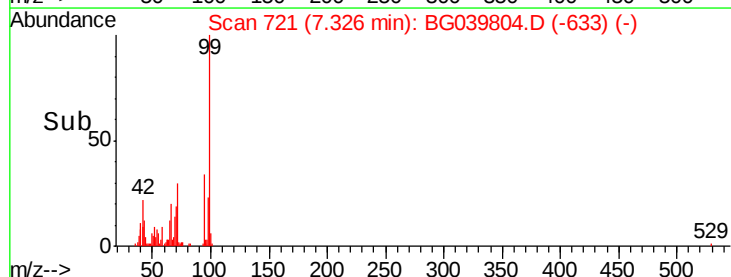
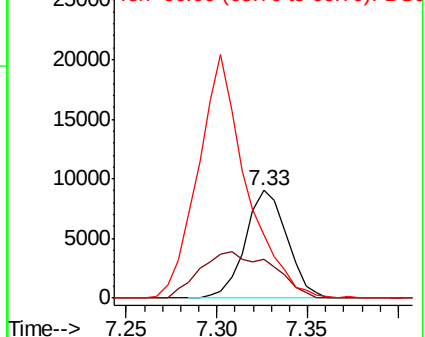
94 100

65 36.1 11.7 51.7

66 59.2 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

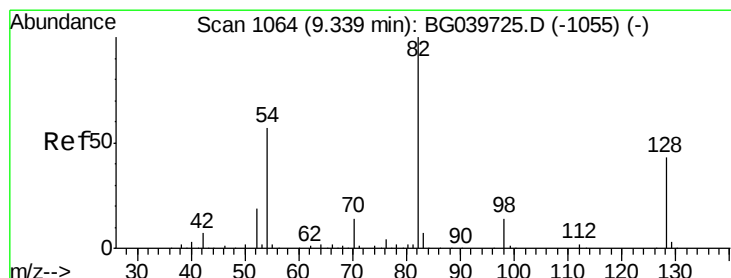
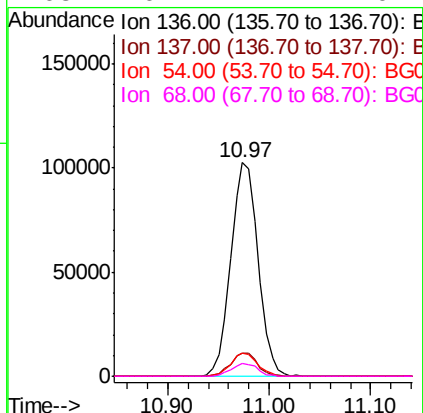
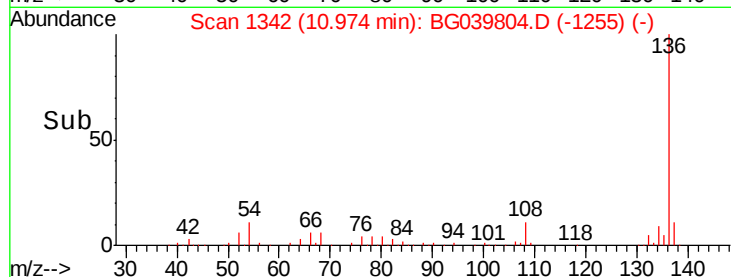
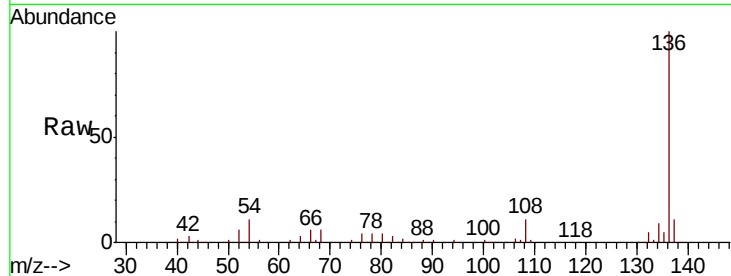




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039804.D
Acq: 7 Mar 2019 16:11

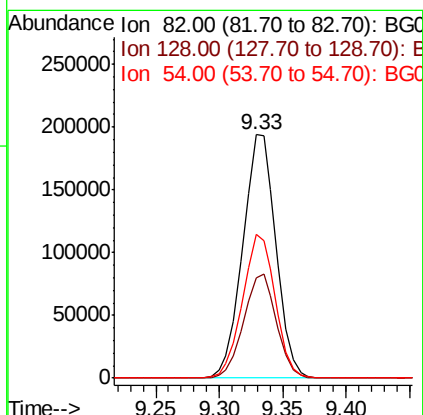
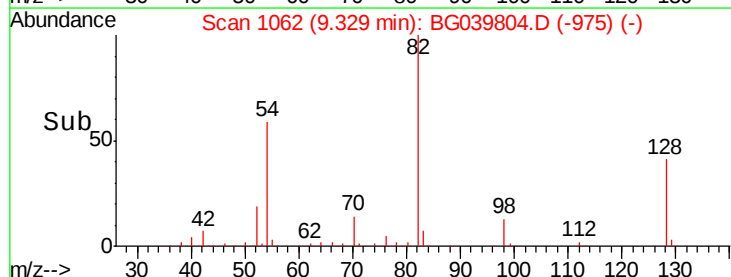
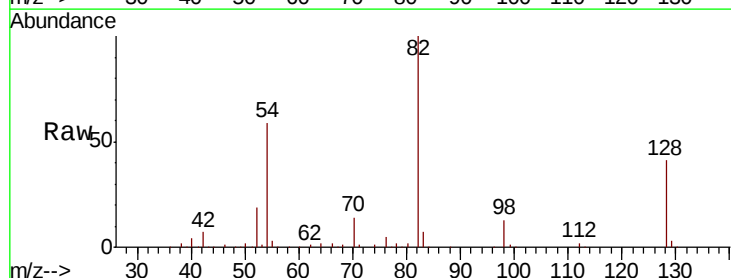
Instrument :
BNA_G
ClientSampleId :
SOIL-A

Tot Ion:136	Resp:	190774
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	10.7	9.4 14.2
68	6.2	4.2 6.4



#23
Nitrobenzene-d5
Concen: 100.056 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039804.D
Acq: 7 Mar 2019 16:11

Tgt Ion: 82	Resp:	352933
Ion	Ratio	Lower Upper
82	100	
128	41.3	31.3 46.9
54	58.9	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039804.D

Acq: 7 Mar 2019 16:11

Instrument :

BNA_G

ClientSampleId :

SOIL-A

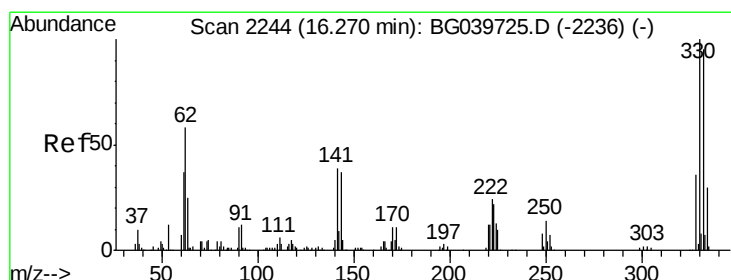
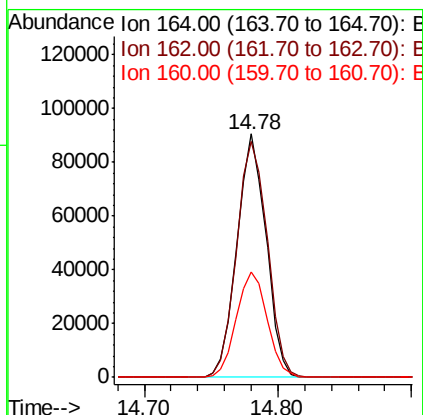
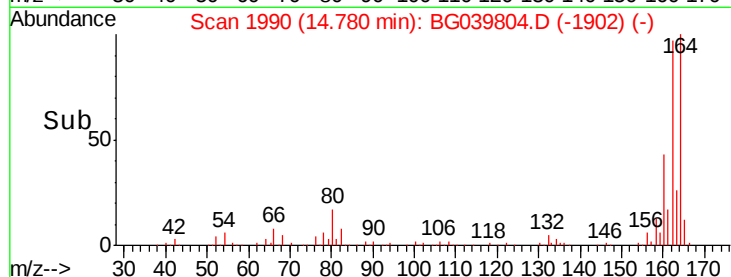
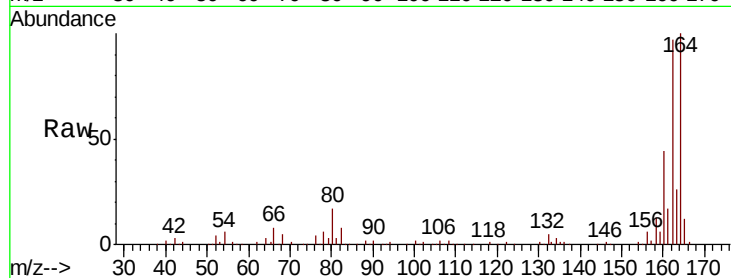
Tot Ion:164 Resp: 136383

Ion Ratio Lower Upper

164 100

162 97.0 81.6 122.4

160 43.5 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 155.212 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039804.D

Acq: 7 Mar 2019 16:11

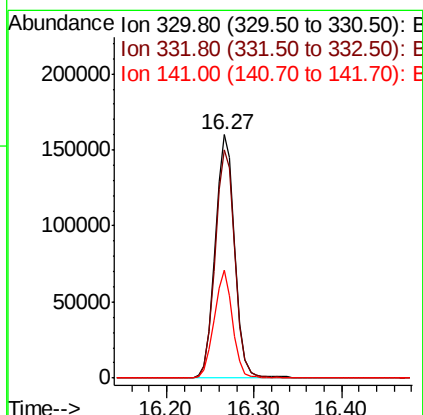
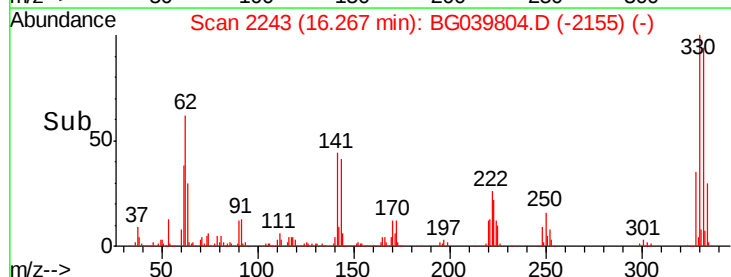
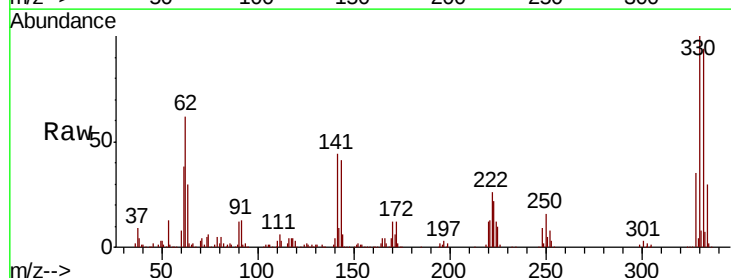
Tgt Ion:330 Resp: 246732

Ion Ratio Lower Upper

330 100

332 94.9 75.7 113.5

141 42.0 35.6 53.4

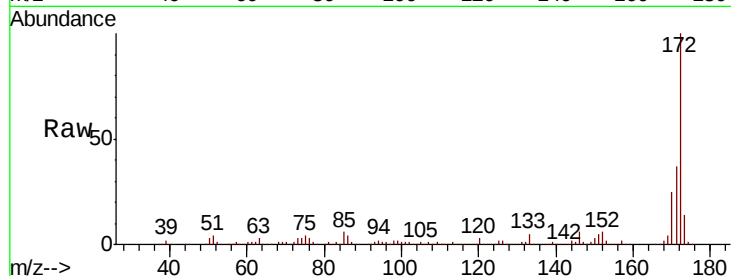




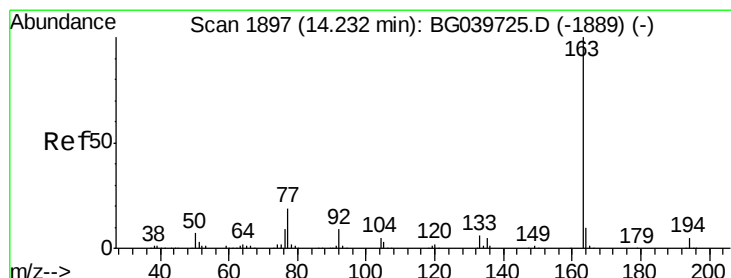
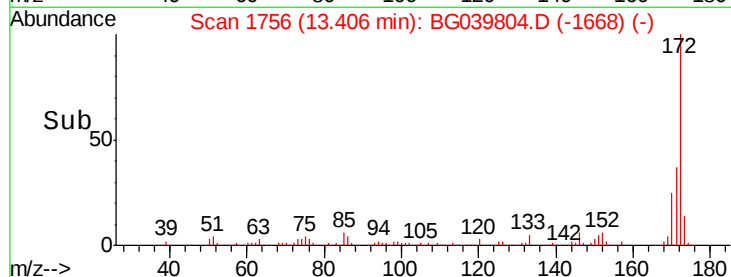
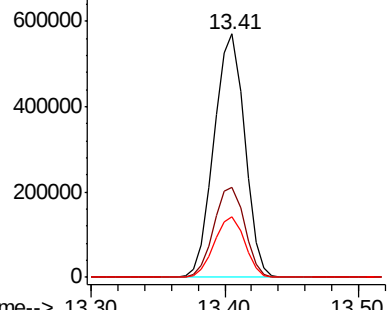
#45
2-Fluorobiphenyl
Concen: 94.584 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039804.D
Acq: 7 Mar 2019 16:11

Instrument :
BNA_G
ClientSampleId :
SOIL-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	25.0	20.2	30.4

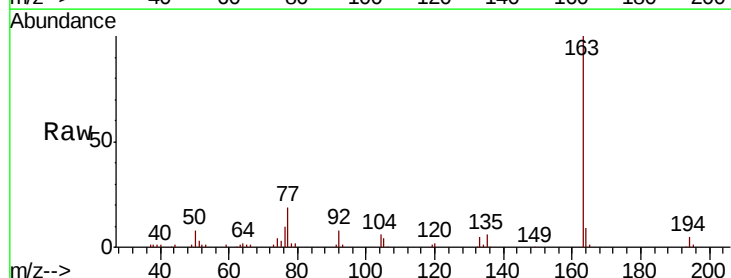


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

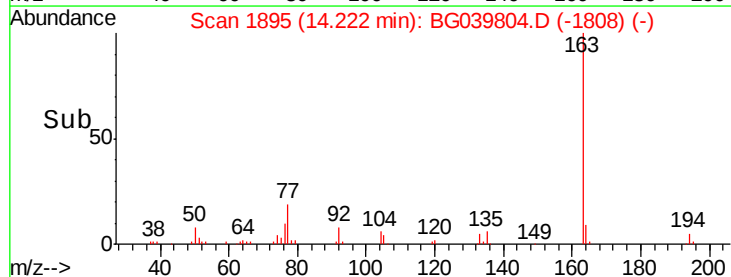
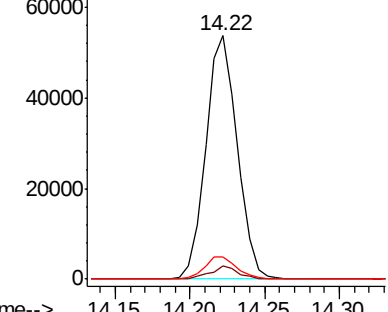


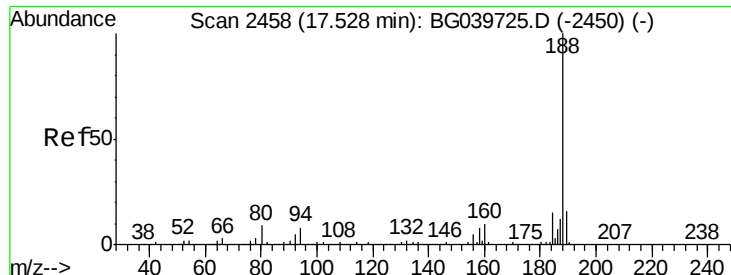
#50
Dimethylphthalate
Concen: 6.896 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039804.D
Acq: 7 Mar 2019 16:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.6	5.4
164	9.3	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

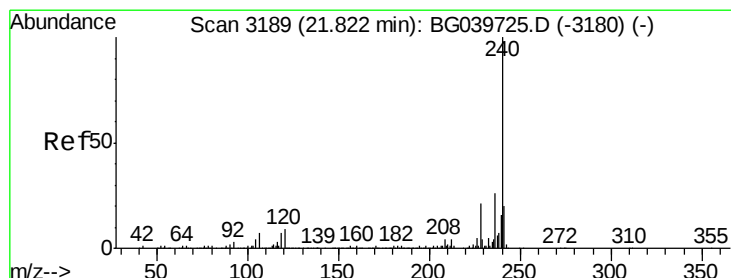
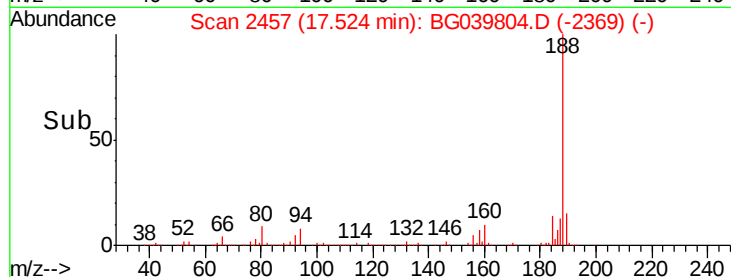
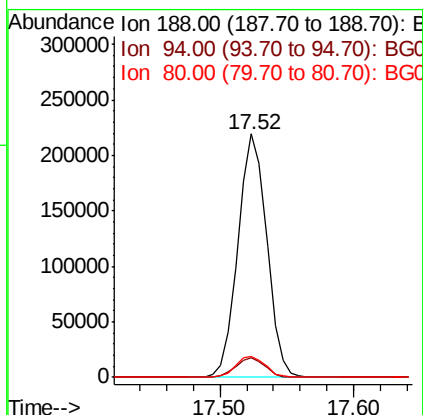
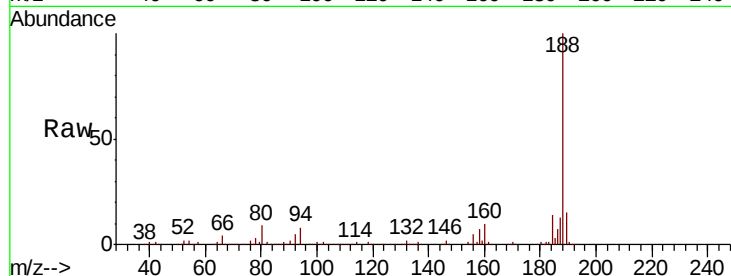




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039804.D
Acq: 7 Mar 2019 16:11

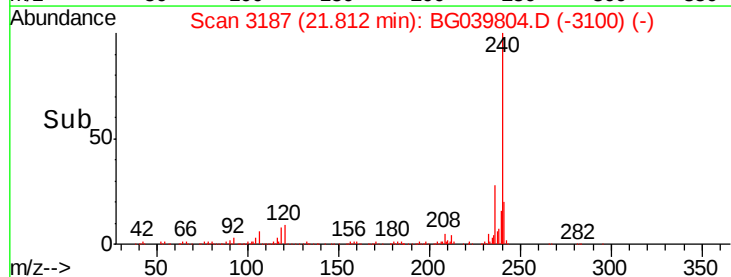
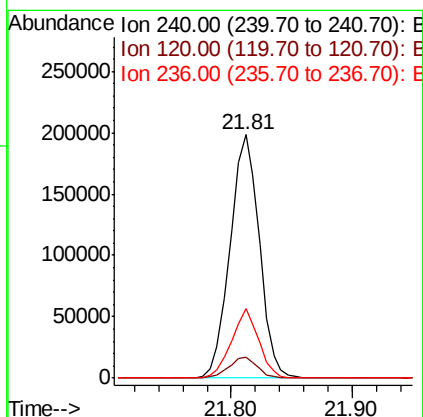
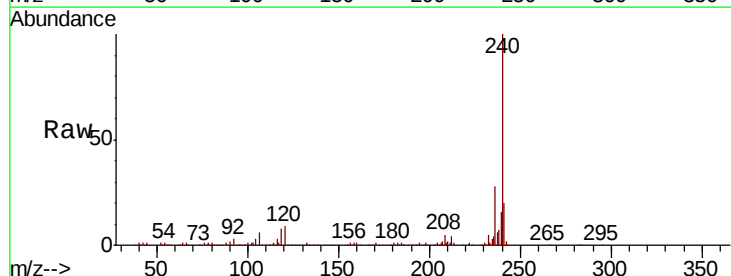
Instrument :
BNA_G
ClientSampleId :
SOIL-A

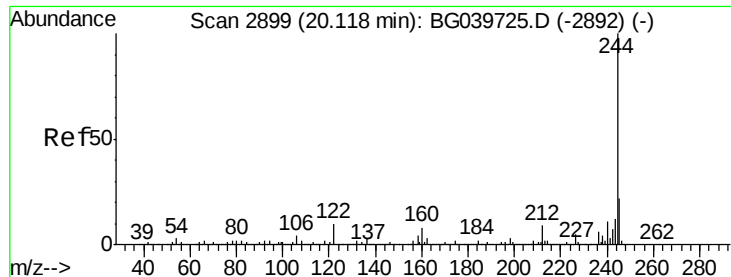
Tot Ion:188 Resp: 327196
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039804.D
Acq: 7 Mar 2019 16:11

Tgt Ion:240 Resp: 333646
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 28.3 21.0 31.4





#79

Terphenyl-d14

Concen: 90.688 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039804.D

Acq: 7 Mar 2019 16:11

Instrument :

BNA_G

ClientSampleId :

SOIL-A

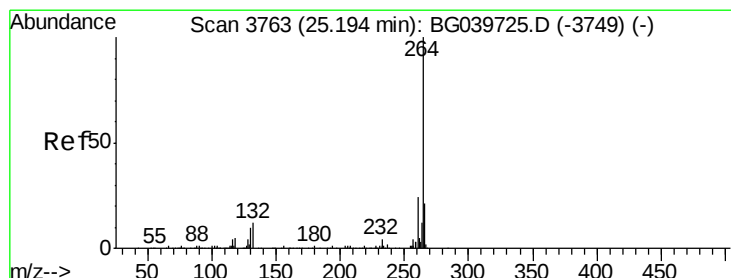
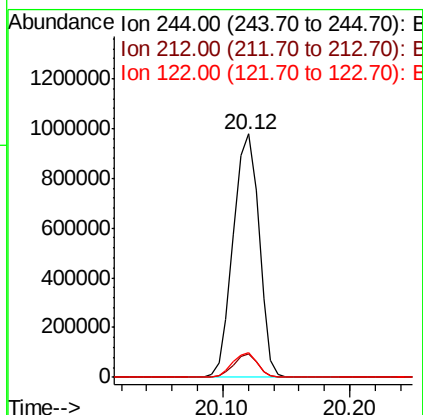
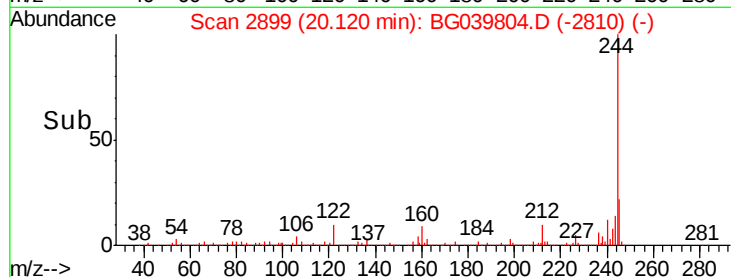
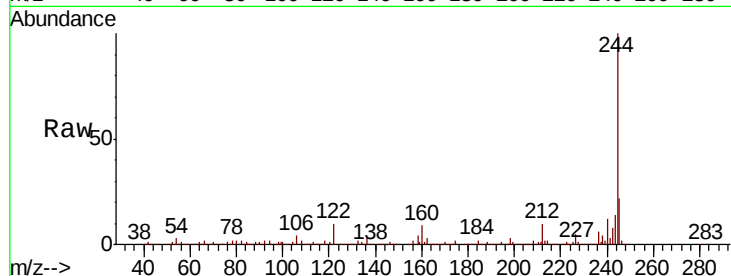
Tot Ion:244 Resp: 1374215

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

122 9.9 8.4 12.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039804.D

Acq: 7 Mar 2019 16:11

Tgt Ion:264 Resp: 336277

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 20.5 18.5 27.7

