

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
 Data File : BG045092.D
 Acq On : 20 Apr 2020 12:27
 Operator : CG/JU
 Sample : L2308-01 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NCC-TOPSOIL

Quant Time: Apr 20 13:06:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	65164	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	303729	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	233427	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	510617	20.00	ng	0.00
76) Chrysene-d12	21.67	240	467749	20.00	ng	0.00
87) Perylene-d12	24.86	264	497291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	36714	9.30	ng	0.00
7) Phenol-d6	7.19	99	63093	10.76	ng	0.00
23) Nitrobenzene-d5	9.18	82	39454	5.93	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	30677	8.51	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	106883	6.71	ng	0.00
79) Terphenyl-d14	20.01	244	177273	8.26	ng	0.00

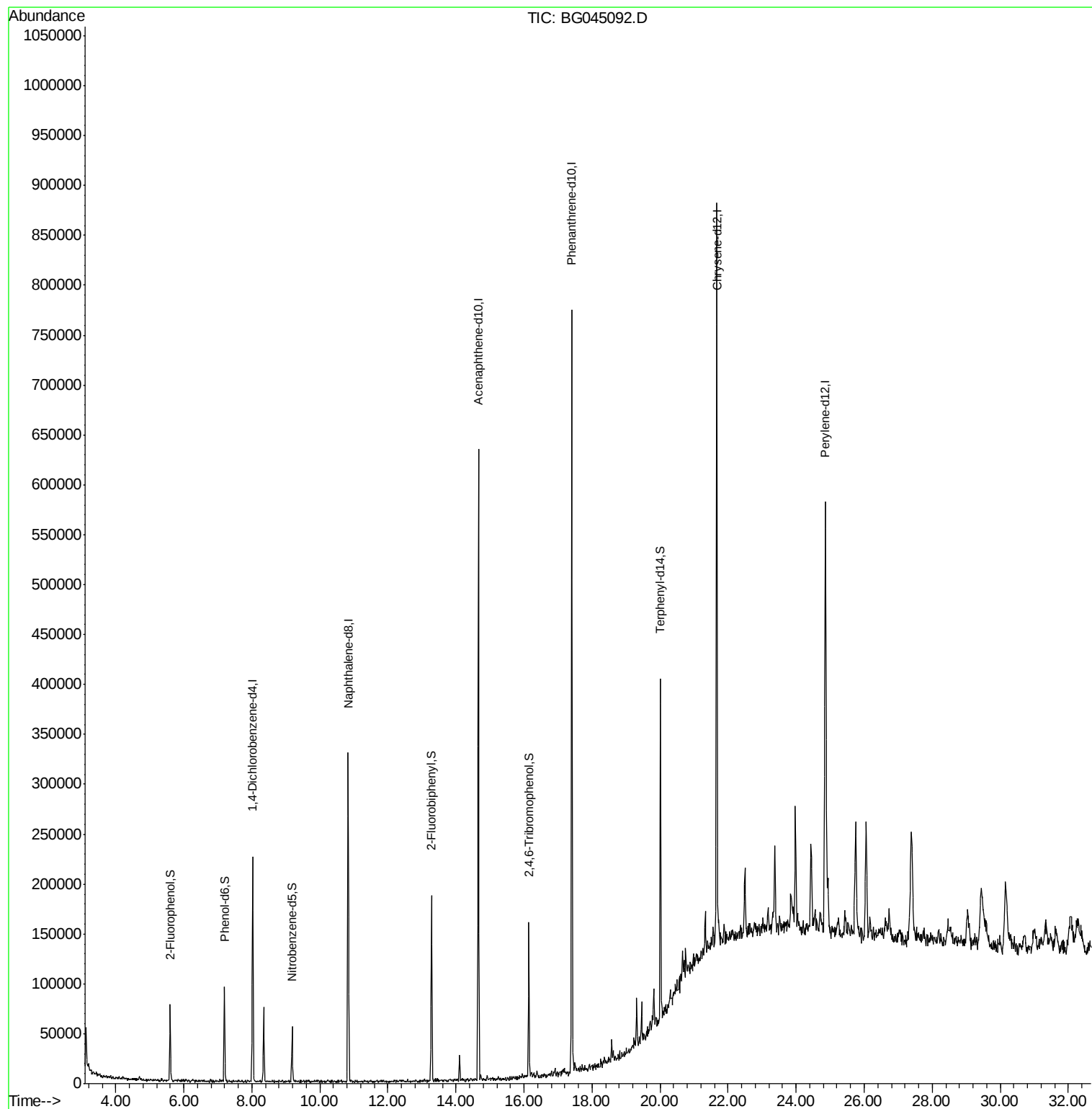
Target Compounds Qvalue

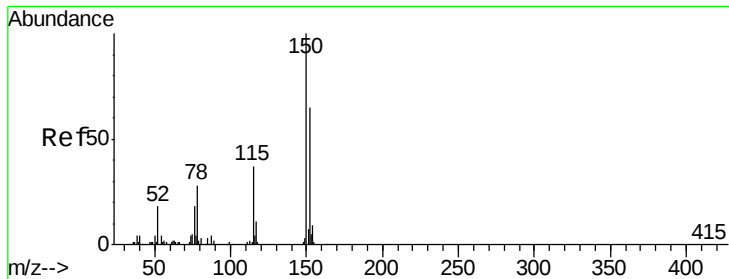
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045092.D
Acq On : 20 Apr 2020 12:27
Operator : CG/JU
Sample : L2308-01 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NCC-TOPSOIL

Quant Time: Apr 20 13:06:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 13:03:14 2020
Response via : Initial Calibration

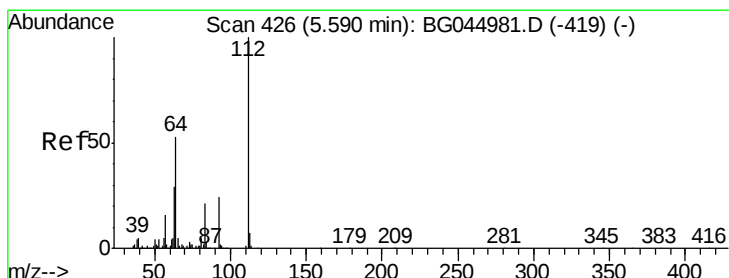
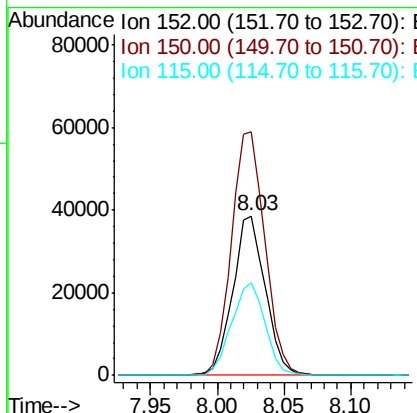
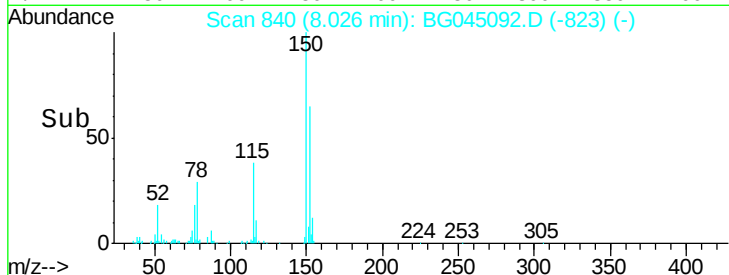
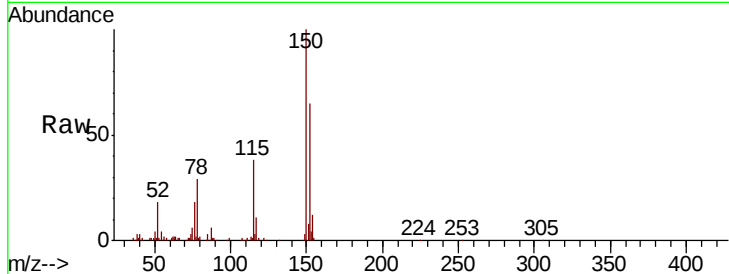




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045092.D
 Acq: 20 Apr 2020 12:27

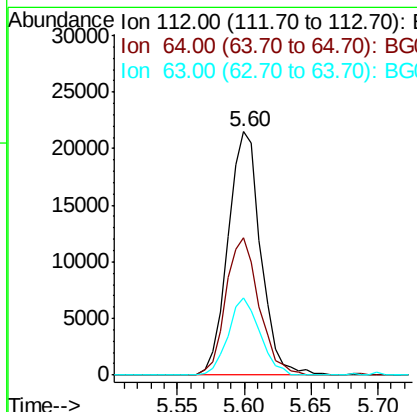
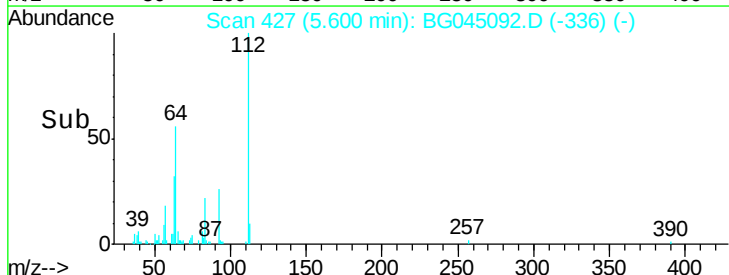
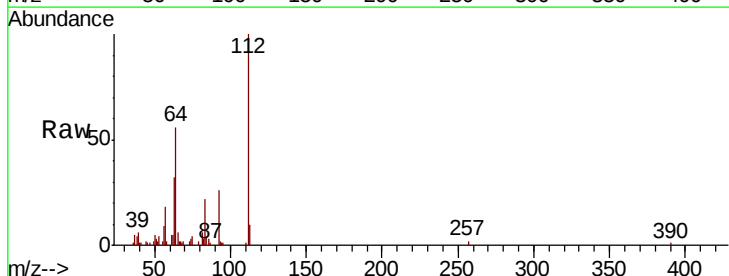
Instrument :
 BNA_G
 ClientSampleId :
 NCC-TOPSOIL

Tot Ion:152 Resp: 65164
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.6 185.4
 115 58.1 49.1 73.7



#5
 2-Fluorophenol
 Concen: 9.302 ng
 RT: 5.60 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BG045092.D
 Acq: 20 Apr 2020 12:27

Tgt Ion:112 Resp: 36714
 Ion Ratio Lower Upper
 112 100
 64 56.2 42.4 63.6
 63 31.8 23.1 34.7





#7

Phenol-d6

Concen: 10.759 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045092.D

Acq: 20 Apr 2020 12:27

Instrument :

BNA_G

ClientSampleId :

NCC-TOPSOIL

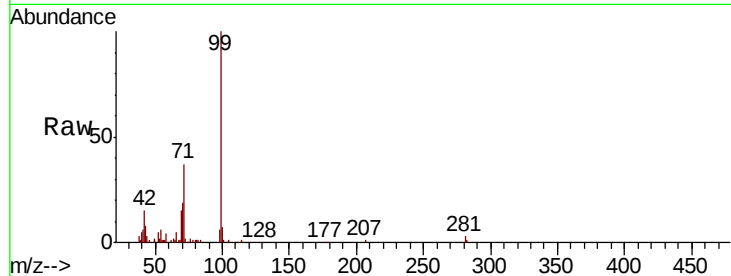
Tot Ion: 99 Resp: 63093

Ion Ratio Lower Upper

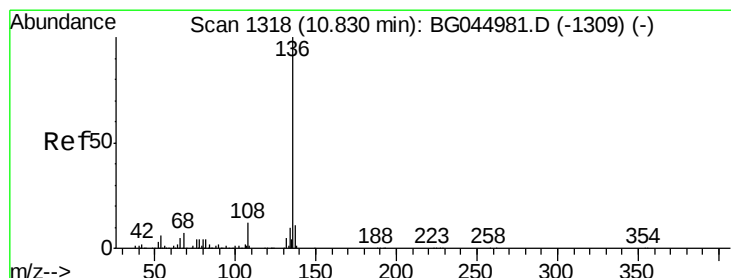
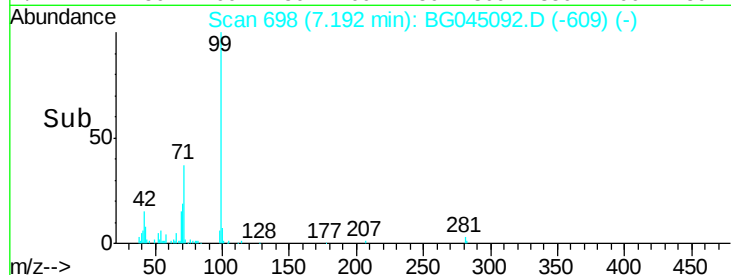
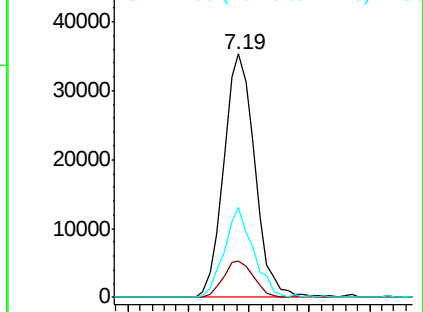
99 100

42 14.8 11.3 16.9

71 37.2 28.3 42.5



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: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045092.D

Acq: 20 Apr 2020 12:27

Tgt Ion: 136 Resp: 303729

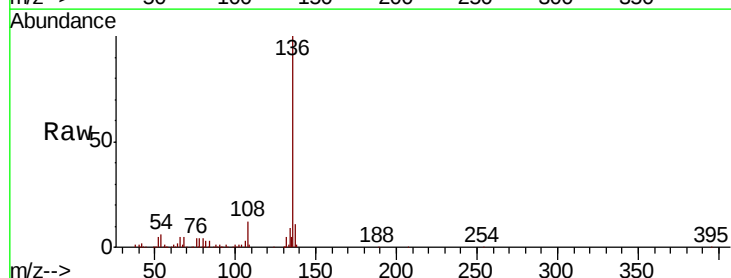
Ion Ratio Lower Upper

136 100

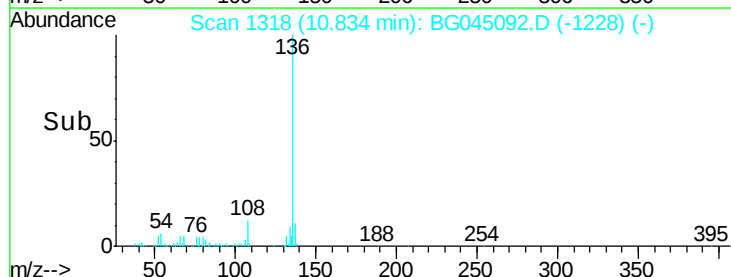
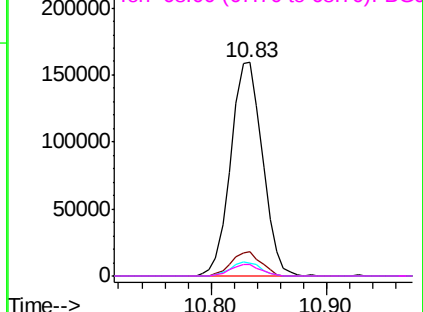
137 11.3 8.6 13.0

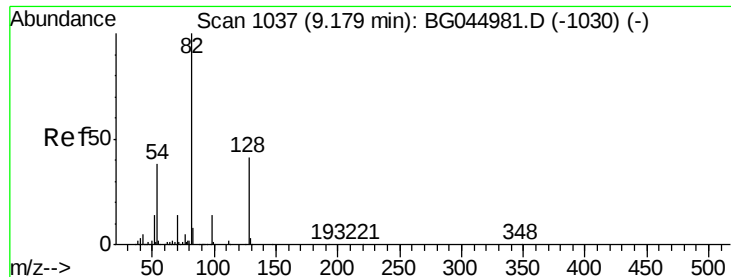
54 5.8 4.8 7.2

68 5.2 5.2 7.8#



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

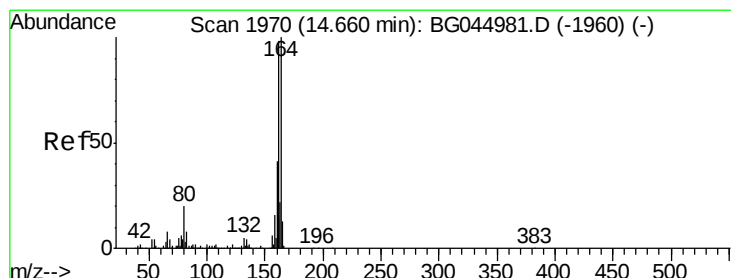
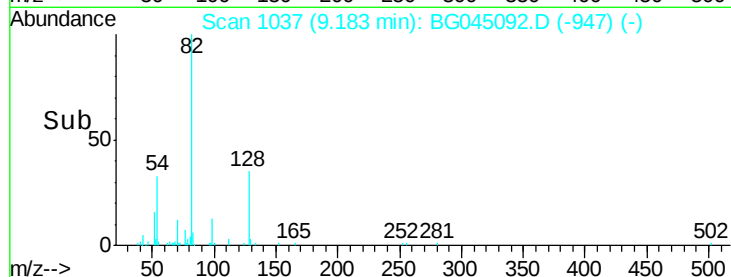
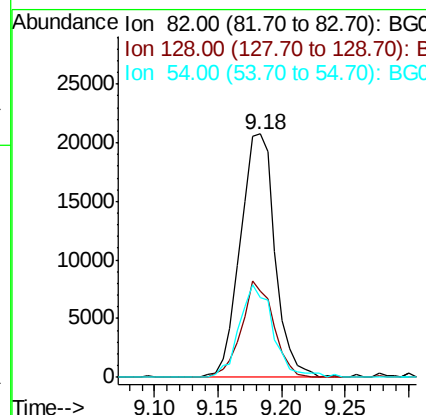
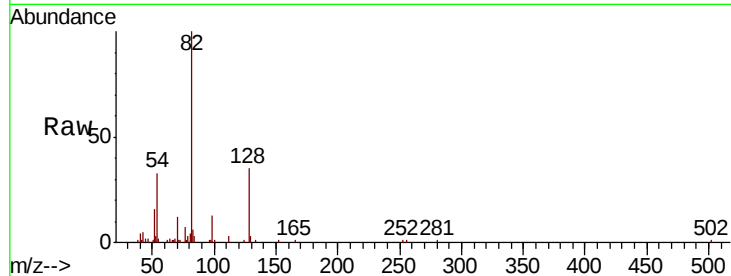




#23
Nitrobenzene-d5
Concen: 5.927 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045092.D
Acq: 20 Apr 2020 12:27

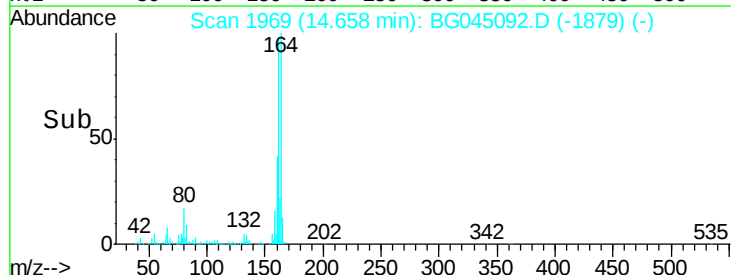
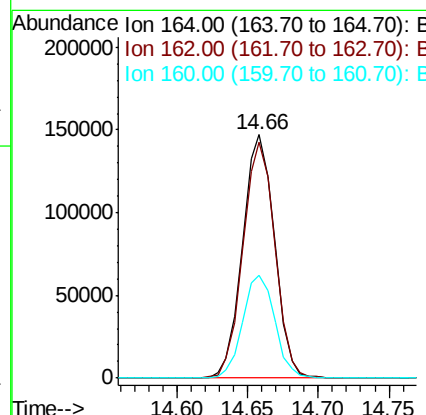
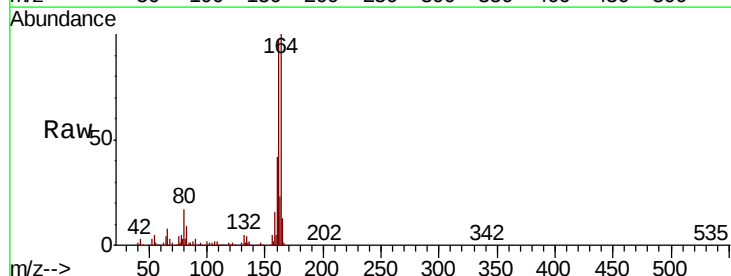
Instrument :
BNA_G
ClientSampled :
NCC-TOPSOIL

Tot Ion	82	Resp	39454
Ion Ratio	Lower	Upper	
82	100		
128	35.3	33.0	49.4
54	32.5	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045092.D
Acq: 20 Apr 2020 12:27

Tgt Ion	164	Resp	233427
Ion Ratio	Lower	Upper	
164	100		
162	96.8	78.7	118.1
160	42.3	32.8	49.2

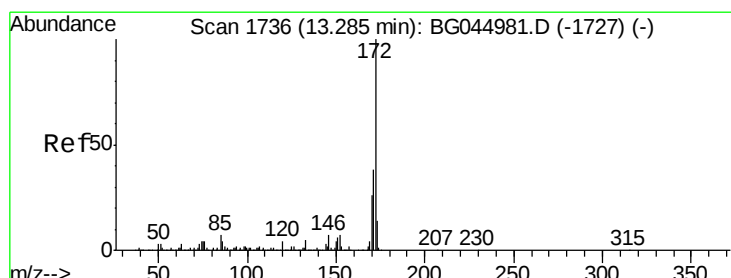
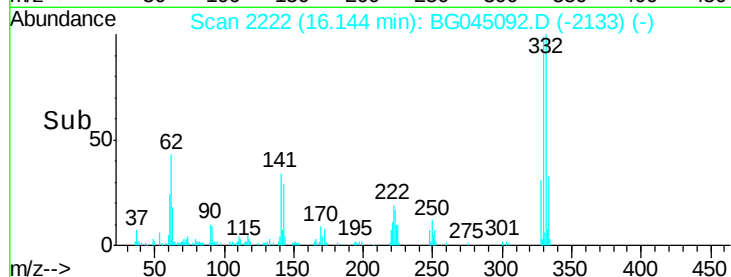
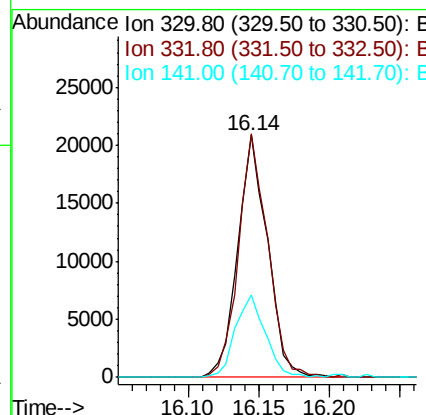
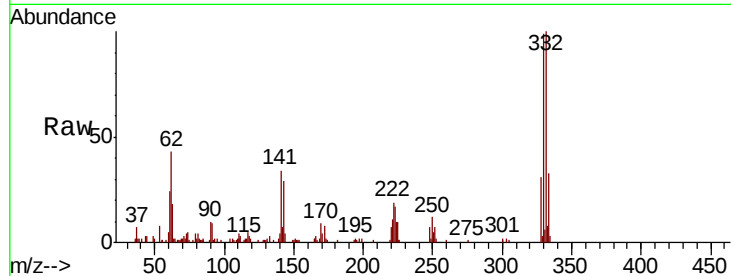




#42
 2,4,6-Tribromophenol
 Concen: 8.507 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG045092.D
 Acq: 20 Apr 2020 12:27

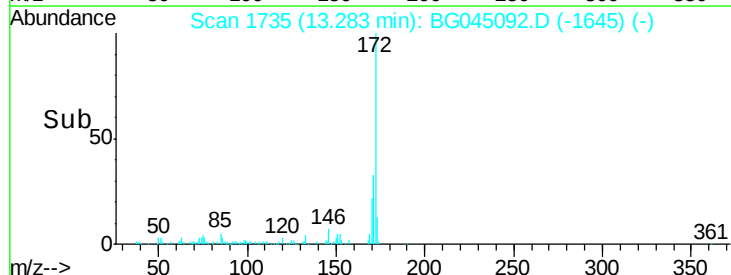
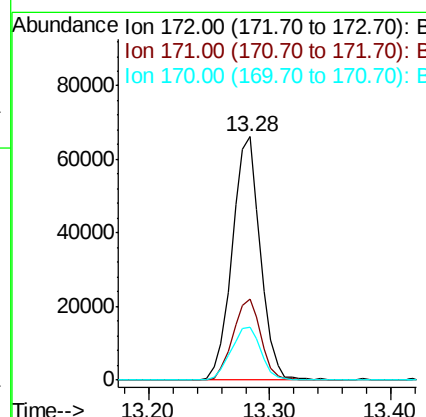
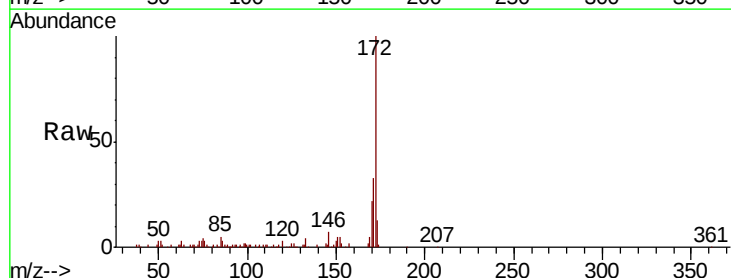
Instrument :
 BNA_G
 ClientSampleId :
 NCC-TOPSOIL

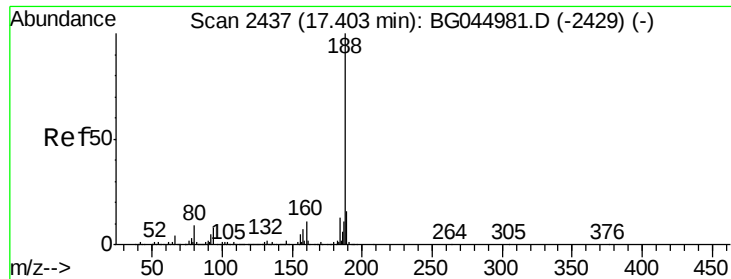
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	79.1	118.7
141	34.3	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 6.714 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045092.D
 Acq: 20 Apr 2020 12:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.6	46.0
170	22.0	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG045092.D

Acq: 20 Apr 2020 12:27

Instrument :

BNA_G

ClientSampleId :

NCC-TOPSOIL

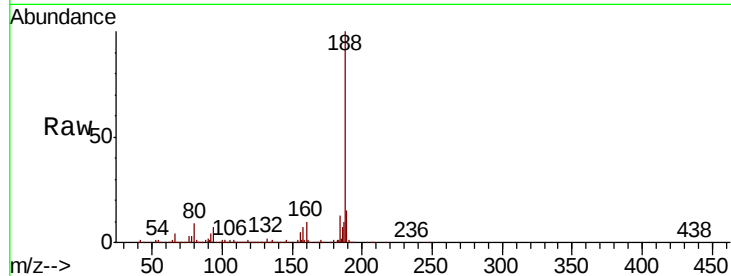
Tot Ion:188 Resp: 510617

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

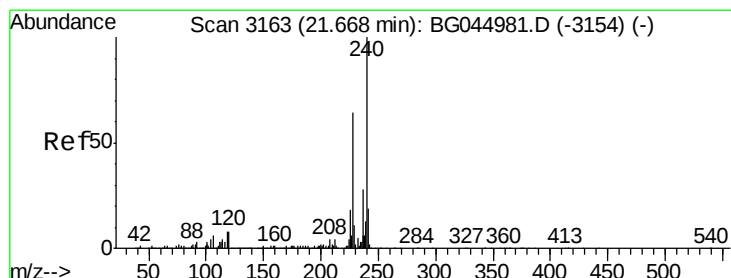
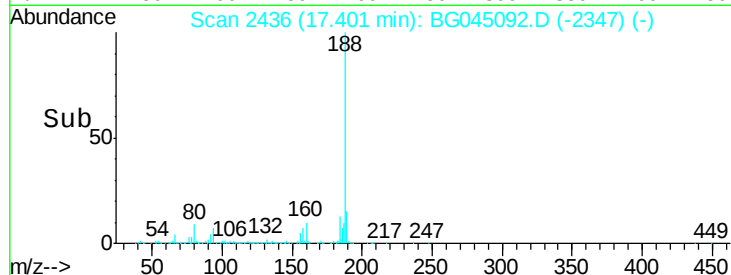
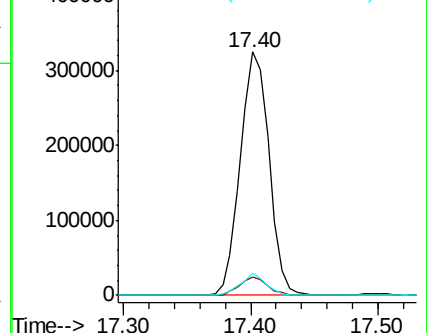
80 8.9 7.0 10.6



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: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG045092.D

Acq: 20 Apr 2020 12:27

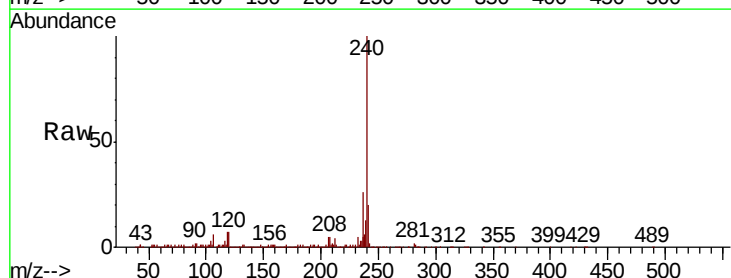
Tgt Ion:240 Resp: 467749

Ion Ratio Lower Upper

240 100

120 6.8 6.6 10.0

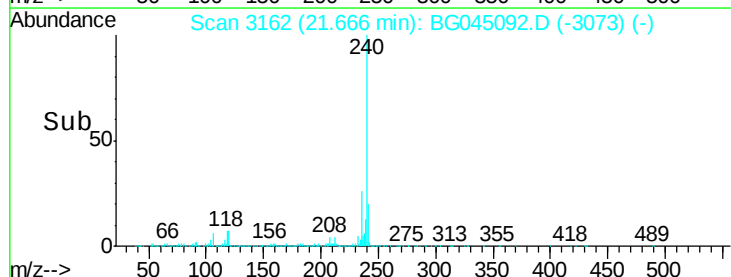
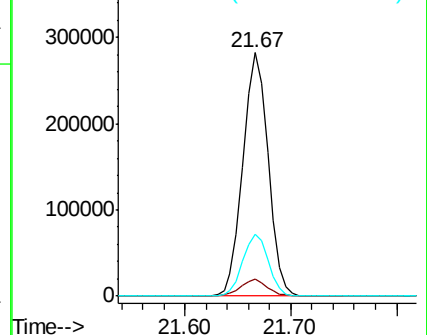
236 25.7 22.2 33.2

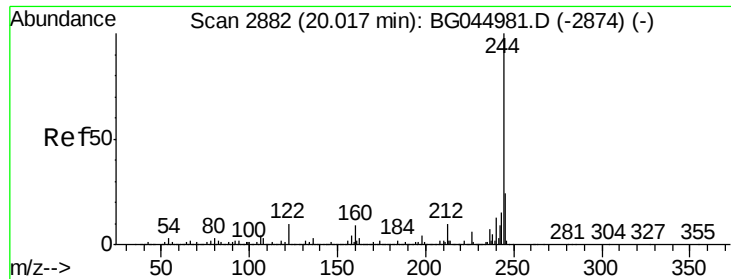


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.260 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG045092.D

Acq: 20 Apr 2020 12:27

Instrument :

BNA_G

ClientSampleId :

NCC-TOPSOIL

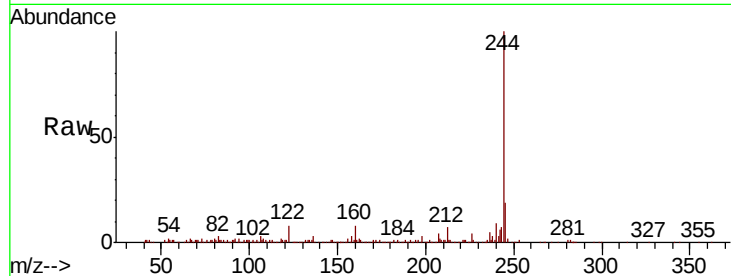
Tot Ion:244 Resp: 177273

Ion Ratio Lower Upper

244 100

212 6.8 7.9 11.9#

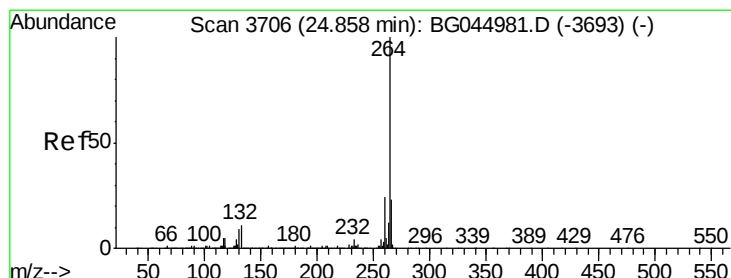
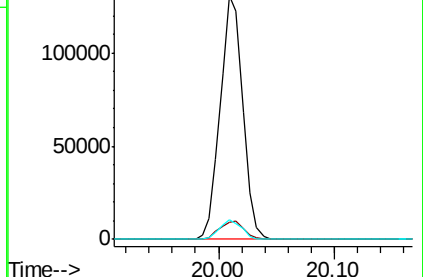
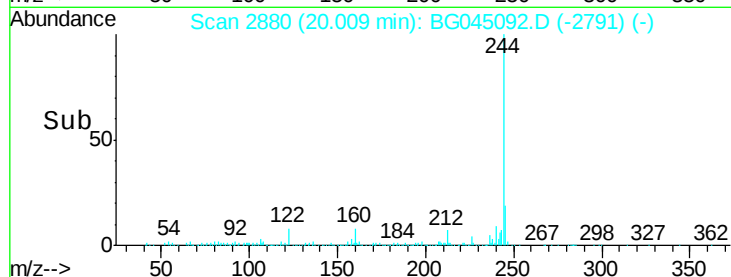
122 7.9 7.7 11.5



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: 24.86 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG045092.D

Acq: 20 Apr 2020 12:27

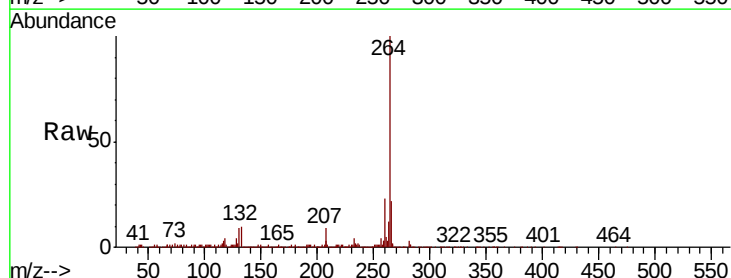
Tgt Ion:264 Resp: 497291

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 19.0 28.4



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

