

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041294.D
 Acq On : 18 Jun 2019 5:48
 Operator : HP/JU
 Sample : K3389-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GS-SOIL-PILE

Quant Time: Jun 18 08:28:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

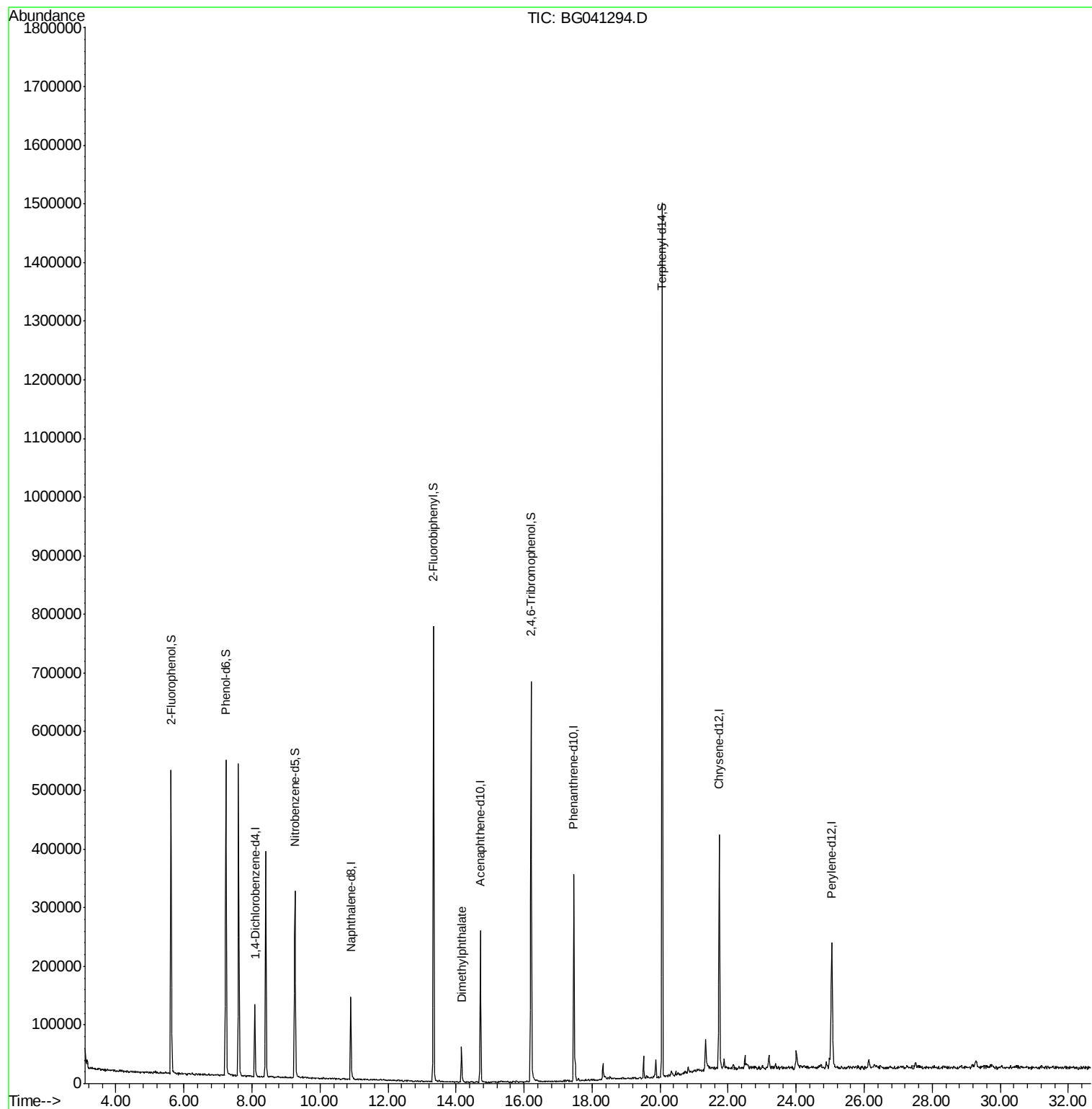
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32713	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	122397	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	90630	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	225189	20.00	ng	0.00
76) Chrysene-d12	21.74	240	242009	20.00	ng	0.00
87) Perylene-d12	25.05	264	254706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	197589	110.98	ng	0.00
7) Phenol-d6	7.23	99	281813	109.20	ng	0.00
23) Nitrobenzene-d5	9.26	82	200087	68.75	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	134491	96.66	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	402561	60.37	ng	0.00
79) Terphenyl-d14	20.06	244	706822	57.88	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	42726	5.298	ng	99

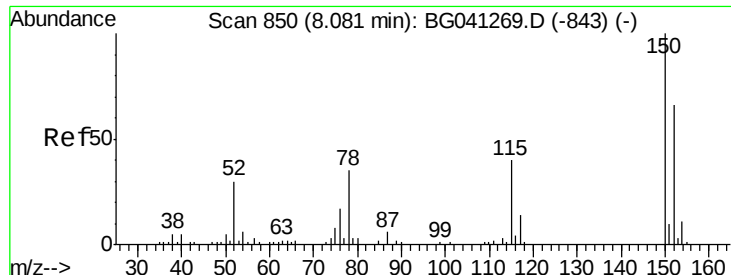
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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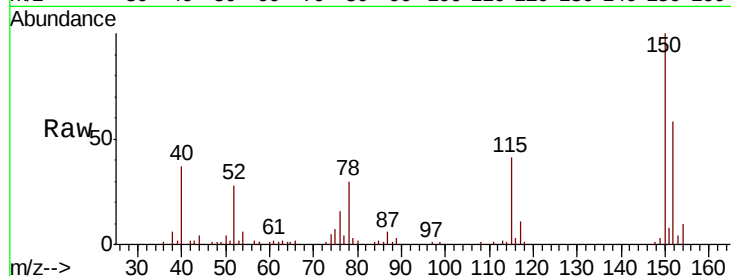


#1

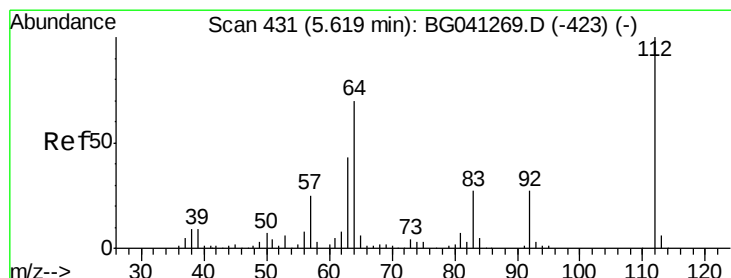
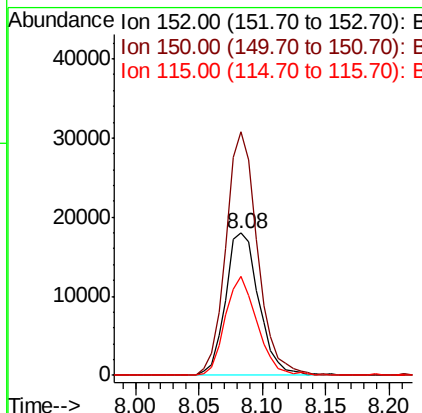
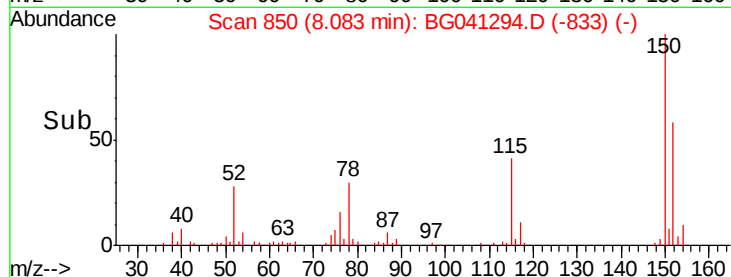
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Instrument :
BNA_G
ClientSampleId :
GS-SOIL-PILE

Tot Ion:152 Resp: 32713
Ion Ratio Lower Upper
152 100
150 171.2 120.6 181.0
115 69.9 47.9 71.9



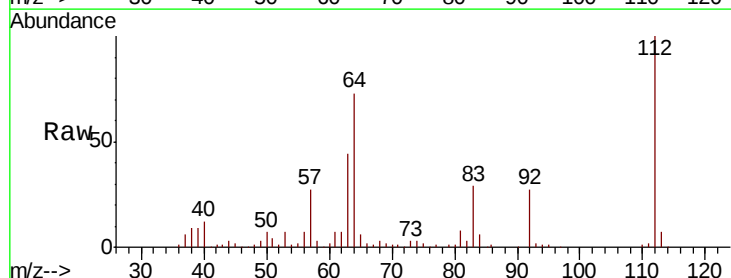
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



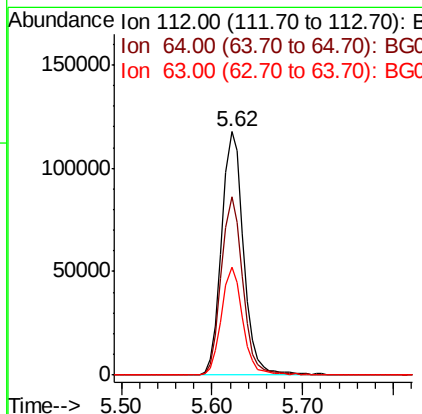
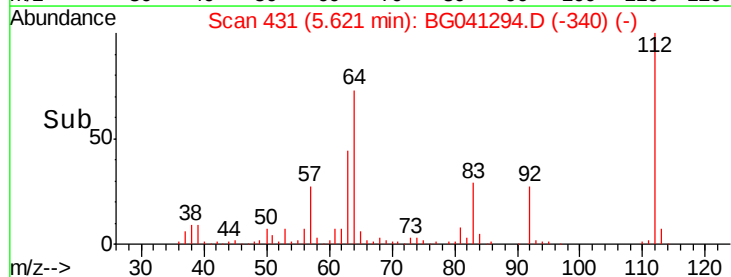
#5

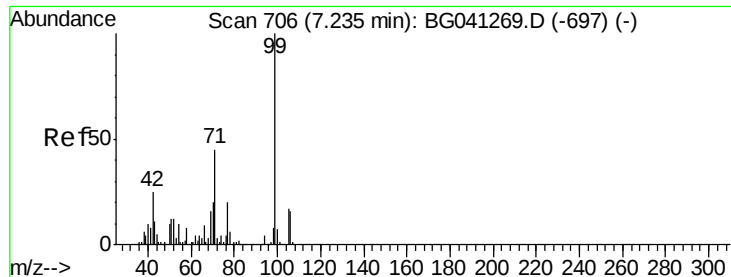
2-Fluorophenol
Concen: 110.981 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Tgt Ion:112 Resp: 197589
Ion Ratio Lower Upper
112 100
64 73.2 55.9 83.9
63 44.4 34.6 51.8



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: 109.201 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

Instrument :

BNA_G

ClientSampleId :

GS-SOIL-PILE

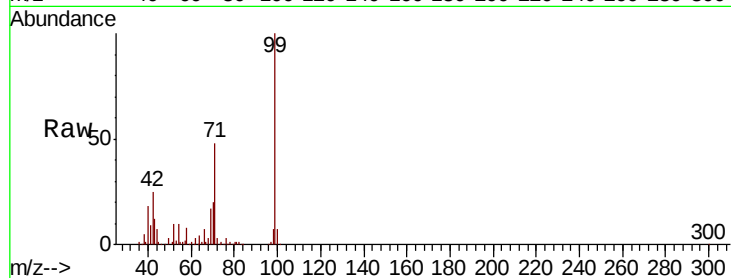
Tot Ion: 99 Resp: 281813

Ion Ratio Lower Upper

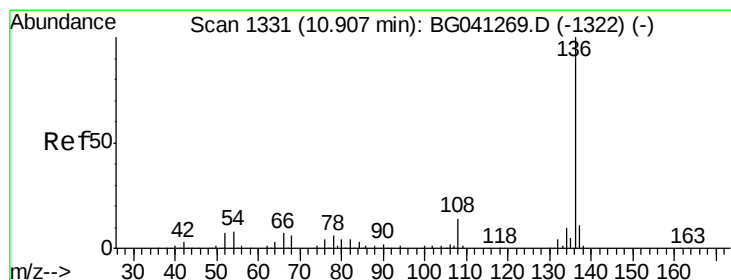
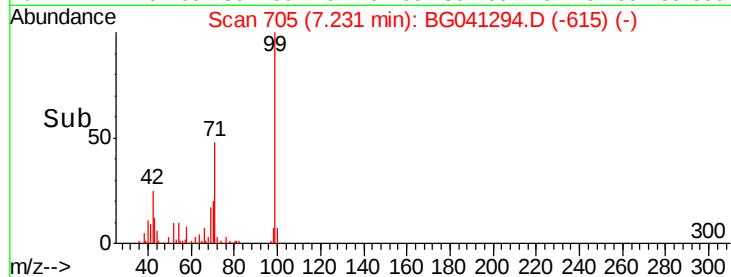
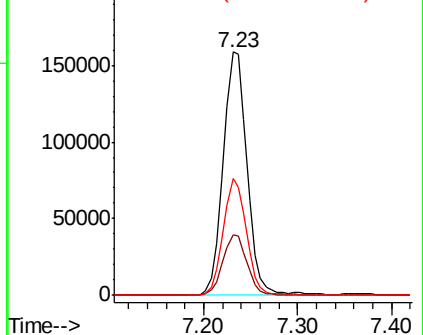
99 100

42 24.8 19.9 29.9

71 47.9 36.4 54.6



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: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

Tgt Ion: 136 Resp: 122397

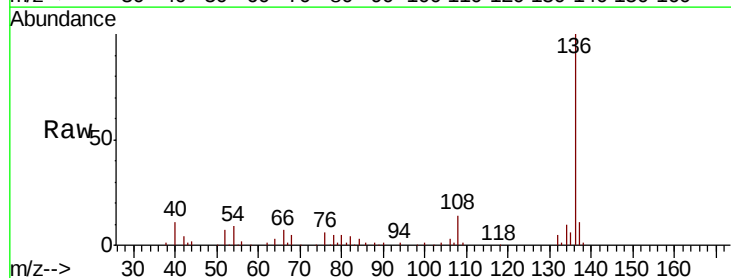
Ion Ratio Lower Upper

136 100

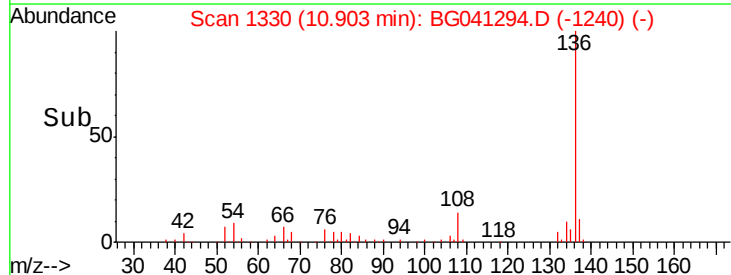
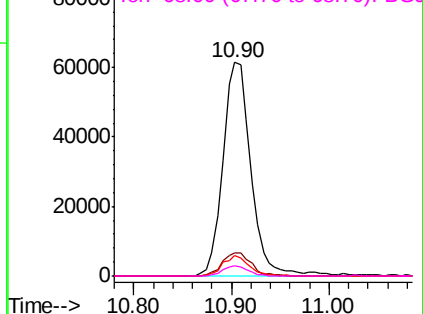
137 11.1 8.8 13.2

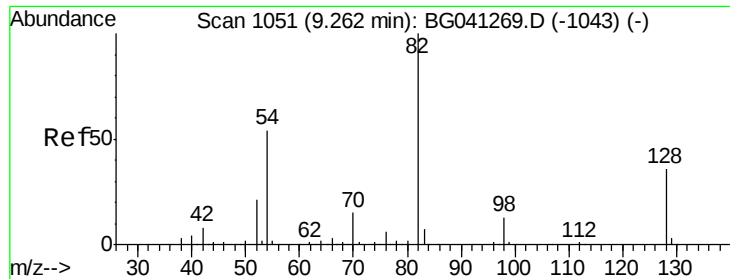
54 9.3 6.4 9.6

68 5.0 4.8 7.2



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

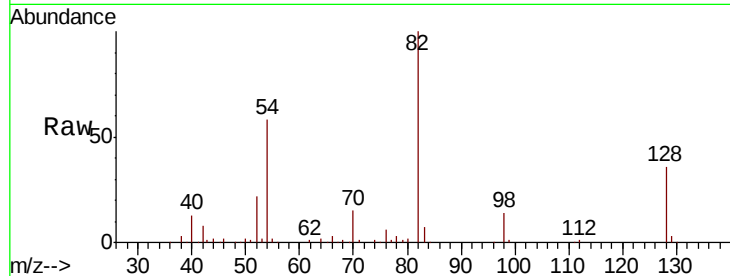




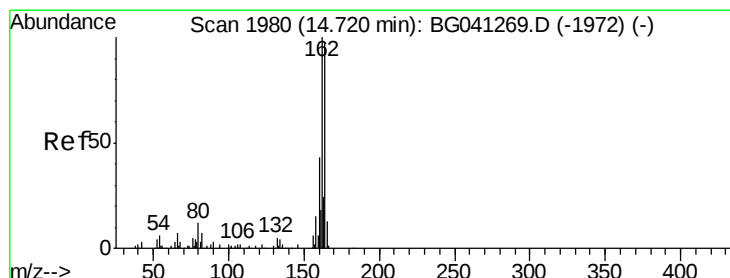
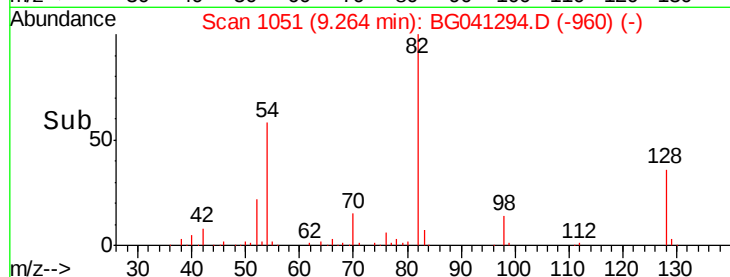
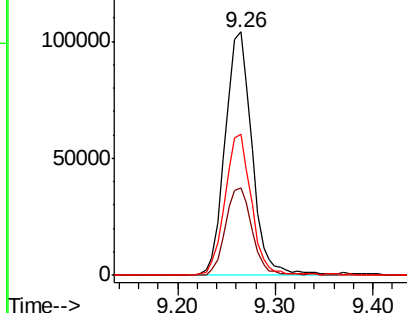
#23
 Nitrobenzene-d5
 Concen: 68.751 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041294.D
 Acq: 18 Jun 2019 5:48

Instrument :
 BNA_G
 ClientSampleId :
 GS-SOIL-PILE

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.2	43.8
54	58.0	43.4	65.0

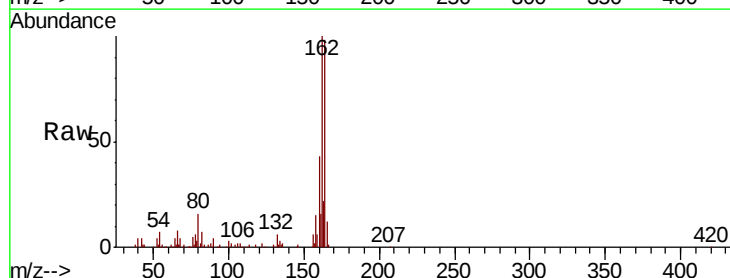


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

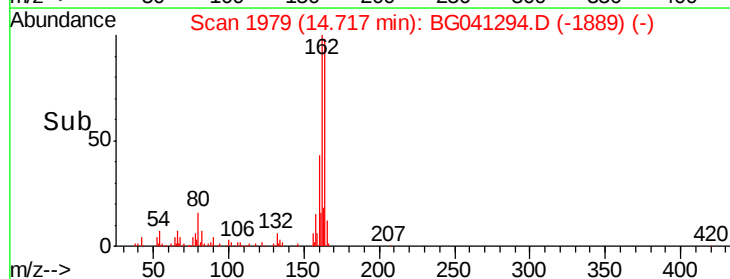
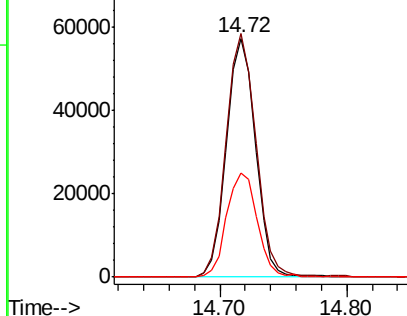


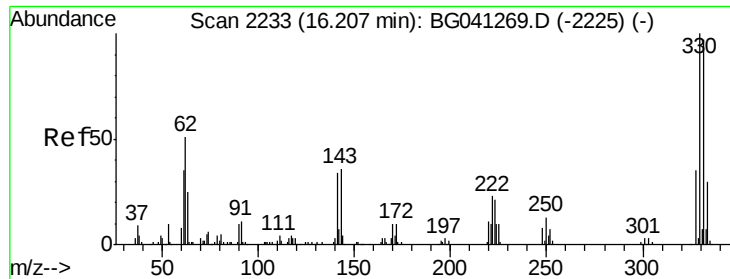
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG041294.D
 Acq: 18 Jun 2019 5:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.8	124.2
160	43.5	35.8	53.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

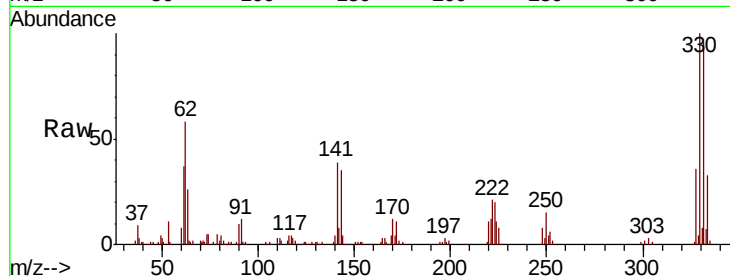




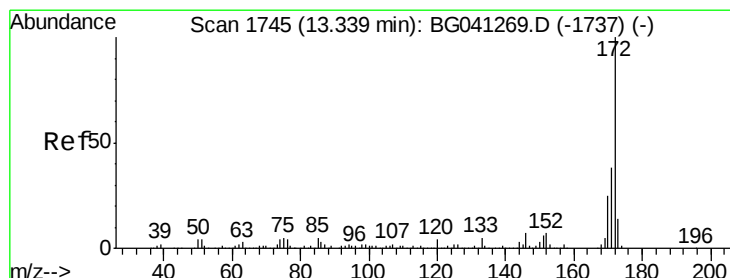
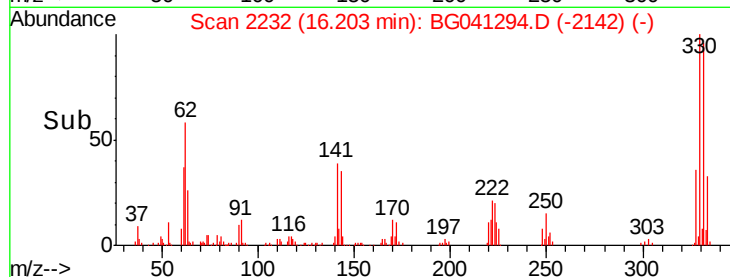
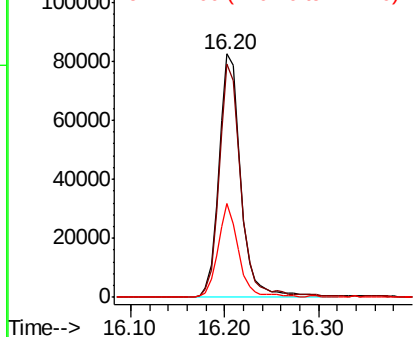
#42
 2,4,6-Tribromophenol
 Concen: 96.661 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BG041294.D
 Acq: 18 Jun 2019 5:48

Instrument :
 BNA_G
 ClientSampleId :
 GS-SOIL-PILE

Tot Ion:330 Resp: 134491
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.5 113.3
 141 36.2 29.0 43.4

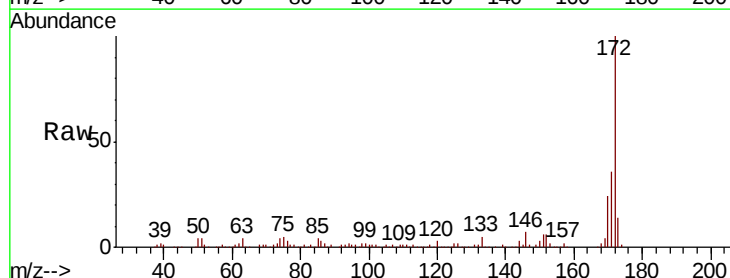


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

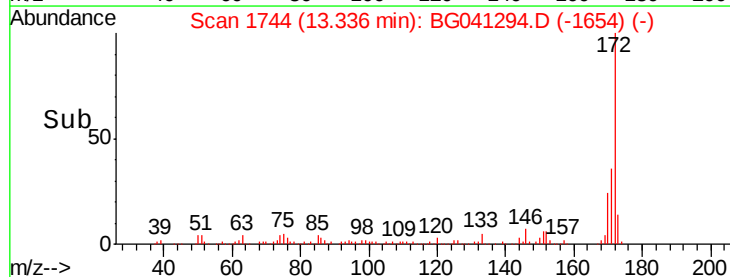
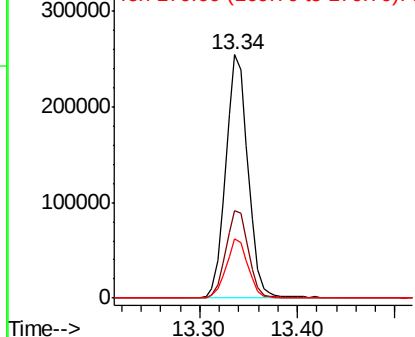


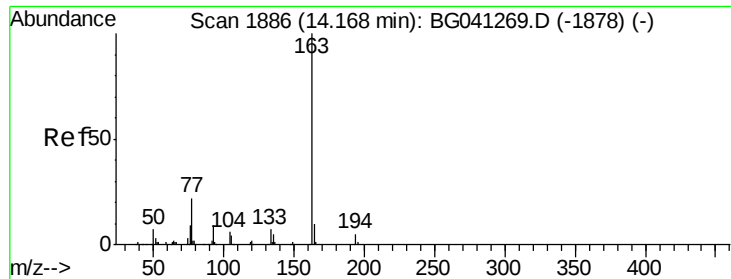
#45
 2-Fluorobiphenyl
 Concen: 60.371 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041294.D
 Acq: 18 Jun 2019 5:48

Tgt Ion:172 Resp: 402561
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 24.1 19.8 29.6



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: 5.298 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

Instrument :

BNA_G

ClientSampleId :

GS-SOIL-PILE

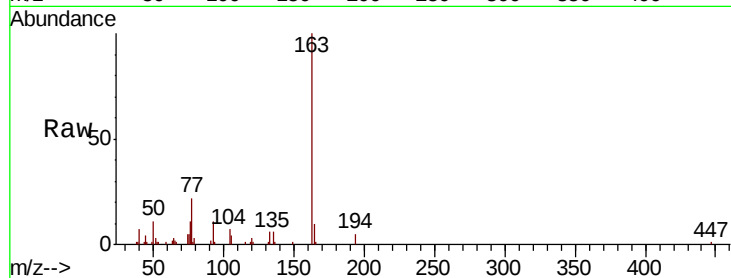
Tot Ion:163 Resp: 42726

Ion Ratio Lower Upper

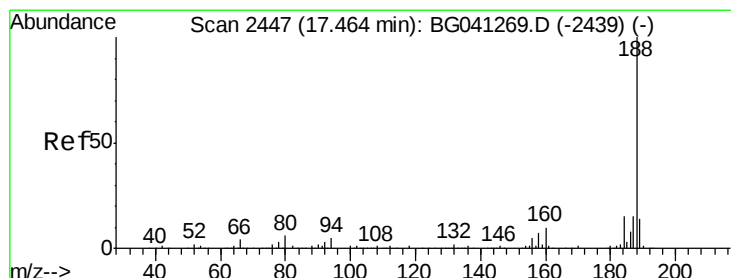
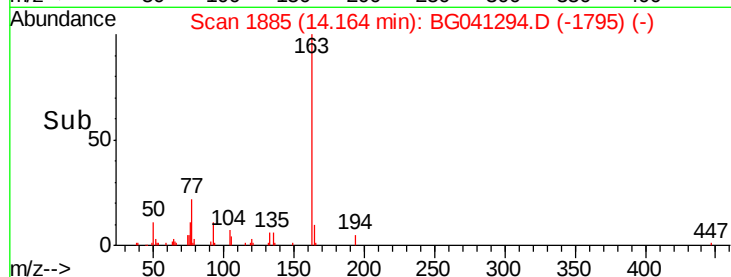
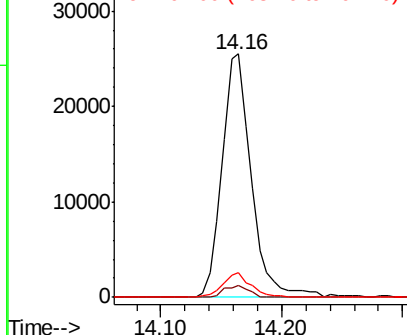
163 100

194 4.7 3.9 5.9

164 10.2 8.3 12.5



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: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

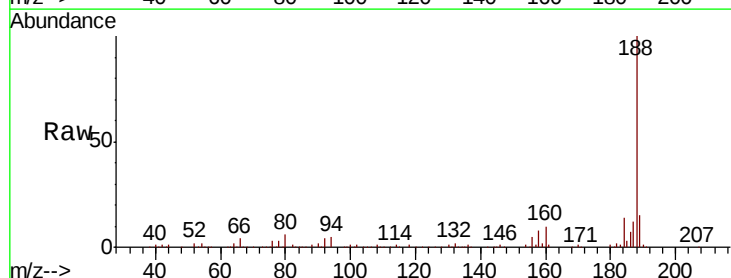
Tgt Ion:188 Resp: 225189

Ion Ratio Lower Upper

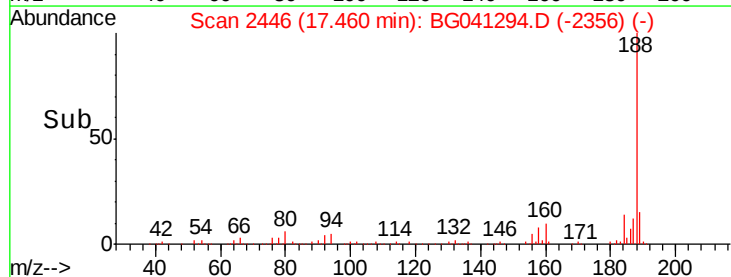
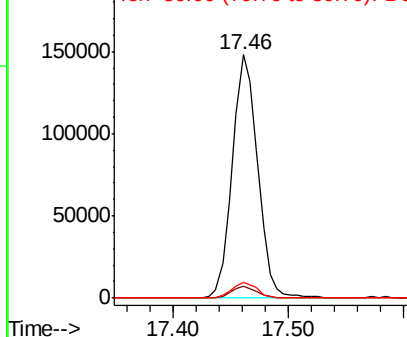
188 100

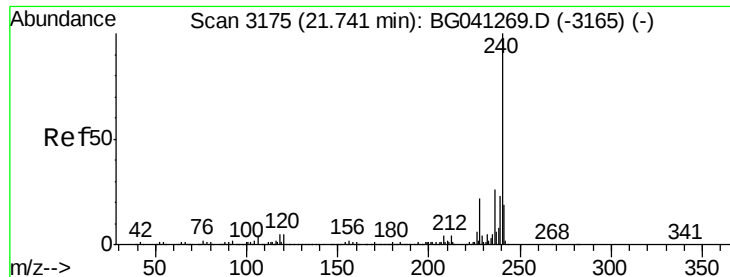
94 5.0 3.6 5.4

80 6.3 4.8 7.2



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

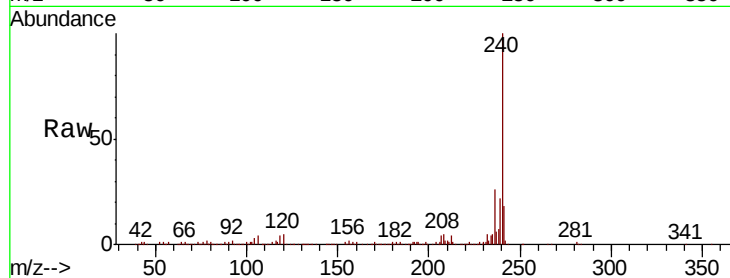




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Instrument :
BNA_G
ClientSampleId :
GS-SOIL-PILE

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	3.7	5.5
236	25.7	21.1	31.7

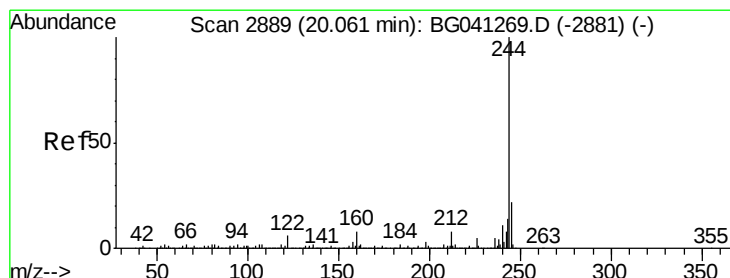
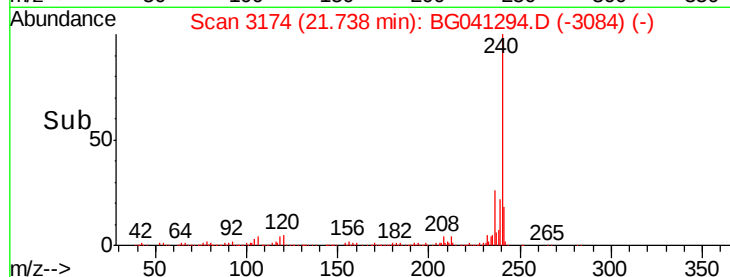
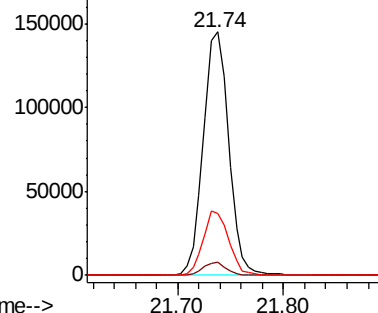


Abundance

Ion 240.00 (239.70 to 240.70): E

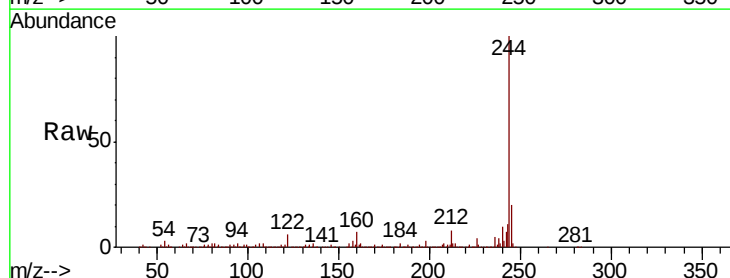
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
Terphenyl-d14
Concen: 57.881 ng
RT: 20.06 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG041294.D
Acq: 18 Jun 2019 5:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	10.0
122	5.6	5.0	7.4

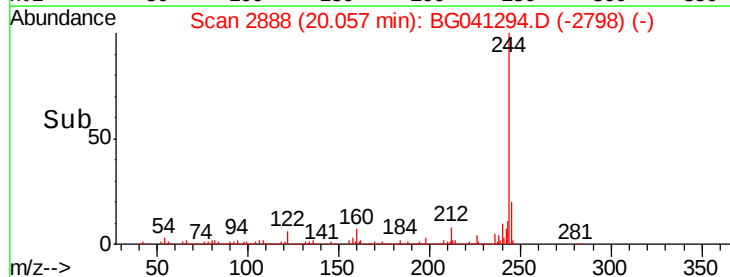
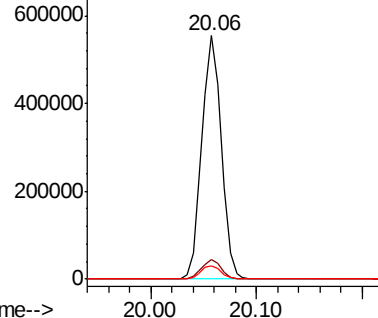


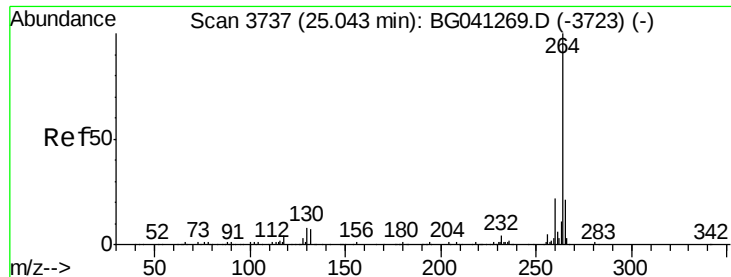
Abundance

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

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041294.D

Acq: 18 Jun 2019 5:48

Instrument :

BNA_G

ClientSampleId :

GS-SOIL-PILE

Tot Ion:264 Resp: 254706

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.2

265 22.7 17.2 25.8

