

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041299.D
 Acq On : 18 Jun 2019 16:13
 Operator : HP/JU
 Sample : K3389-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GS-SOIL-PILE

Quant Time: Jun 18 18:19:15 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

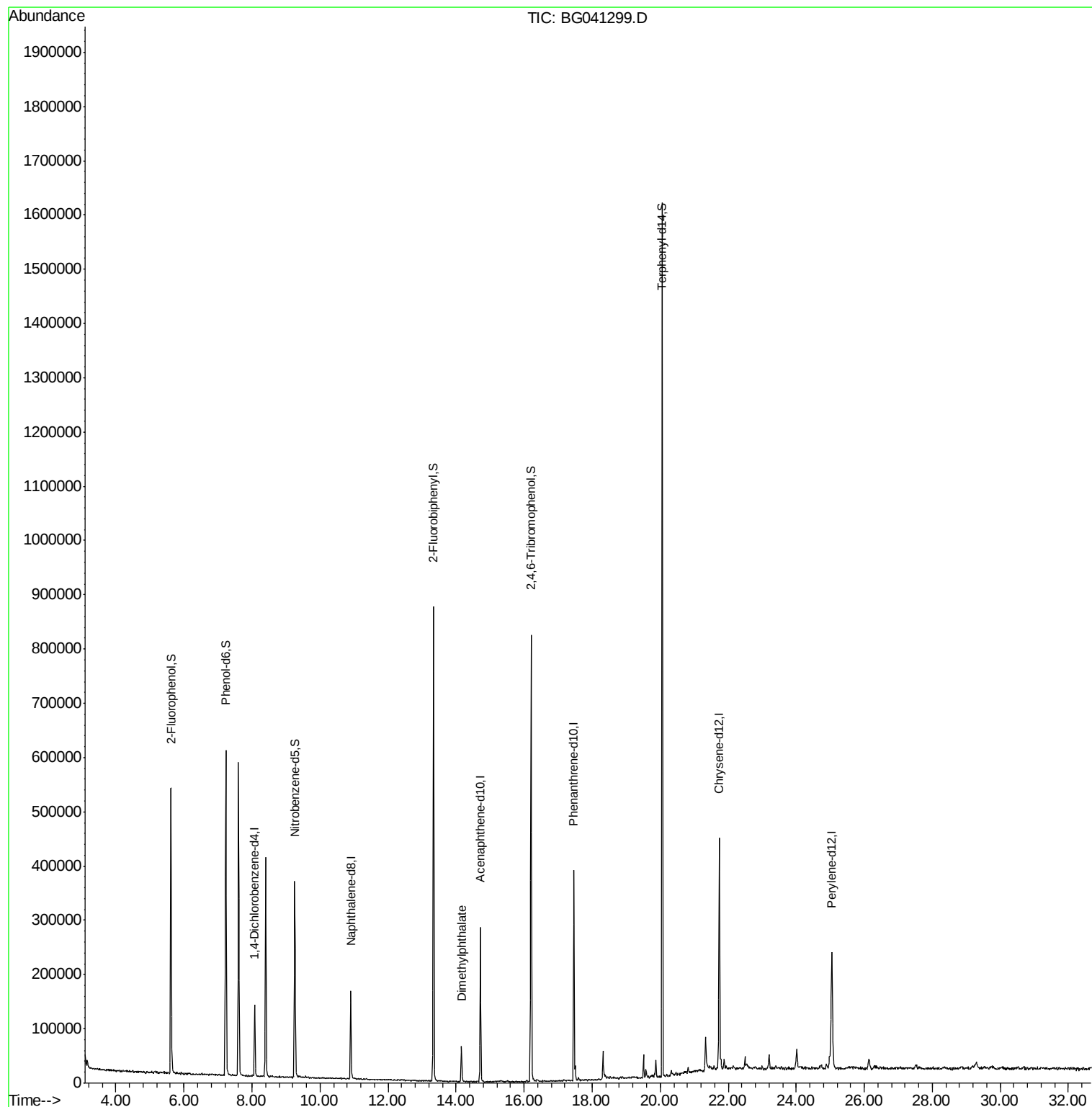
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34831	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	133913	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	97851	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	244499	20.00	ng	0.00
76) Chrysene-d12	21.74	240	250776	20.00	ng	0.00
87) Perylene-d12	25.04	264	259162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	210516	111.05	ng	0.00
7) Phenol-d6	7.23	99	301064	109.57	ng	0.00
23) Nitrobenzene-d5	9.26	82	217301	68.24	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	154622	102.93	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	433860	60.26	ng	0.00
79) Terphenyl-d14	20.06	244	740885	58.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	46739	5.368	ng	99

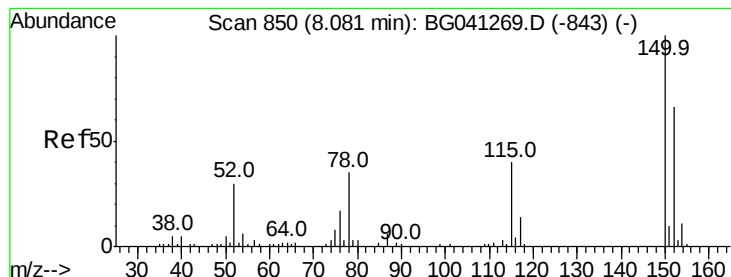
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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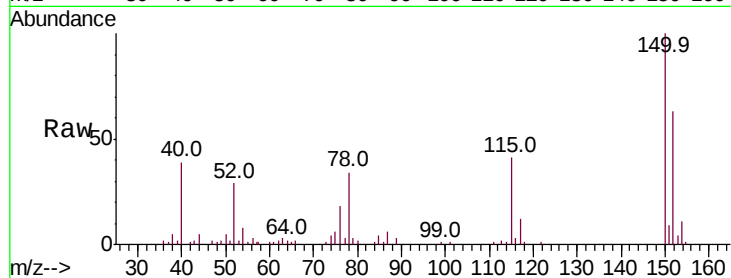


#1

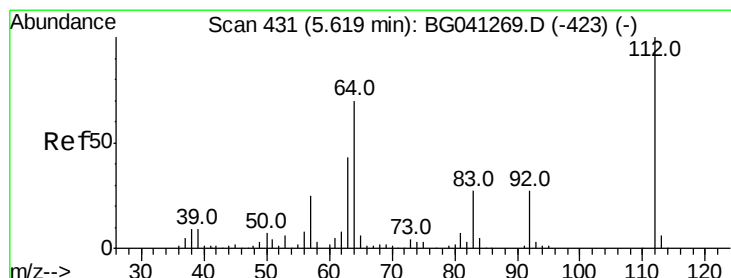
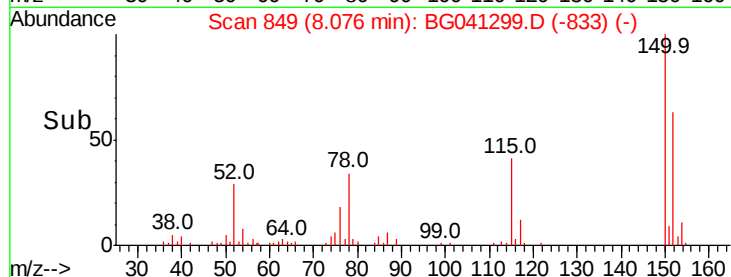
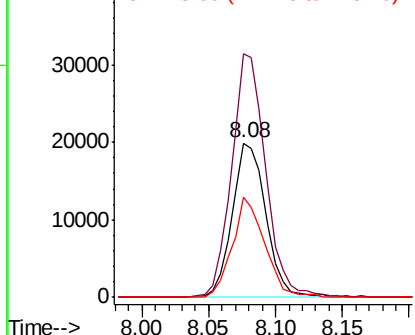
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041299.D
Acq: 18 Jun 2019 16:13

Instrument :
BNA_G
ClientSampleId :
GS-SOIL-PILE

Tot Ion:152 Resp: 34831
Ion Ratio Lower Upper
152 100
150 157.7 120.6 181.0
115 65.0 47.9 71.9



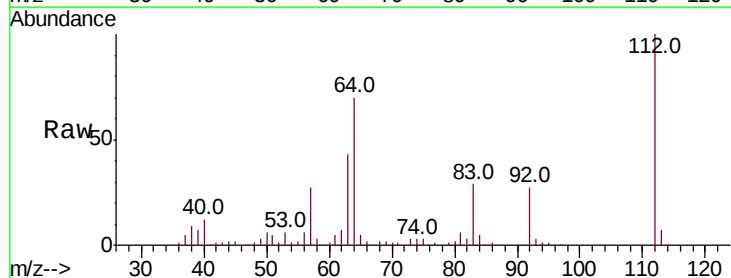
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



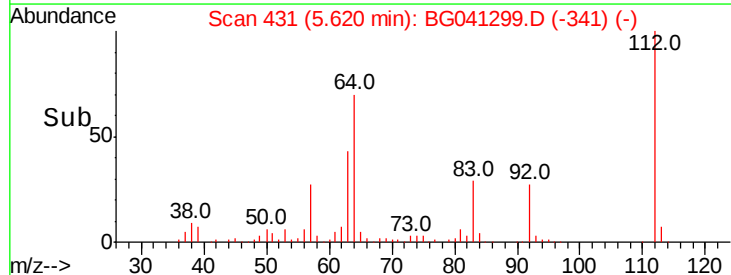
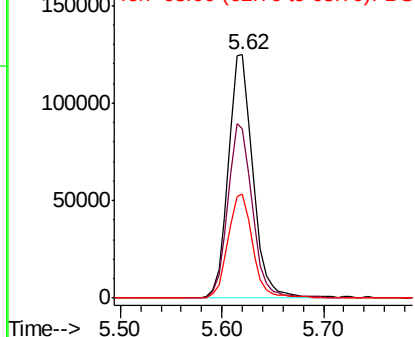
#5

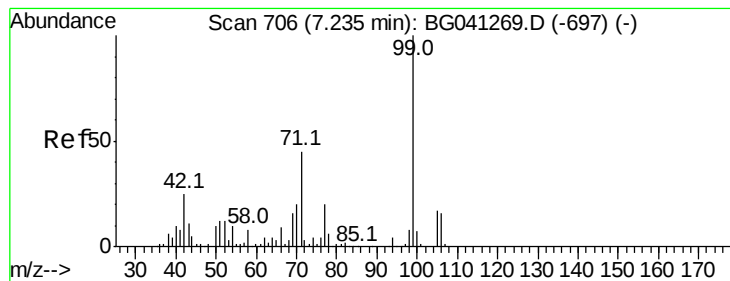
2-Fluorophenol
Concen: 111.052 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041299.D
Acq: 18 Jun 2019 16:13

Tgt Ion:112 Resp: 210516
Ion Ratio Lower Upper
112 100
64 69.7 55.9 83.9
63 42.9 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: 109.567 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041299.D

Acq: 18 Jun 2019 16:13

Instrument :

BNA_G

ClientSampleId :

GS-SOIL-PILE

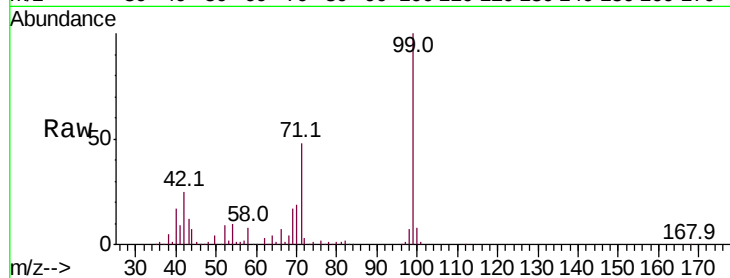
Tot Ion: 99 Resp: 301064

Ion Ratio Lower Upper

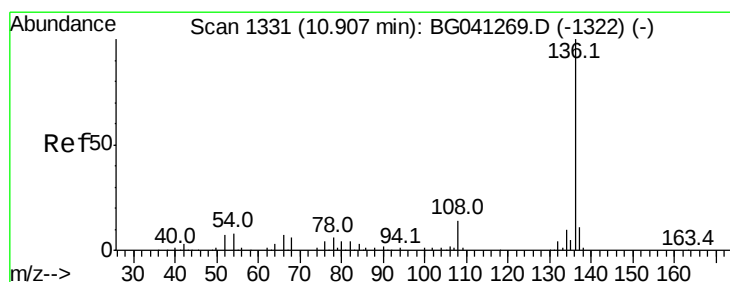
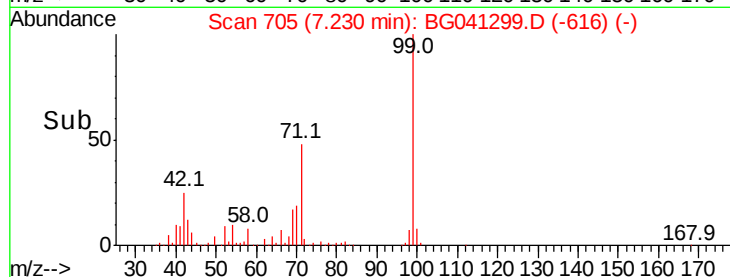
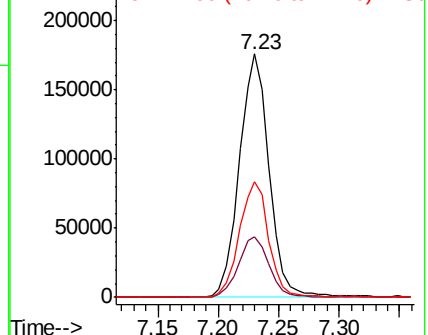
99 100

42 25.1 19.9 29.9

71 47.6 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: BG041299.D

Acq: 18 Jun 2019 16:13

Tgt Ion: 136 Resp: 133913

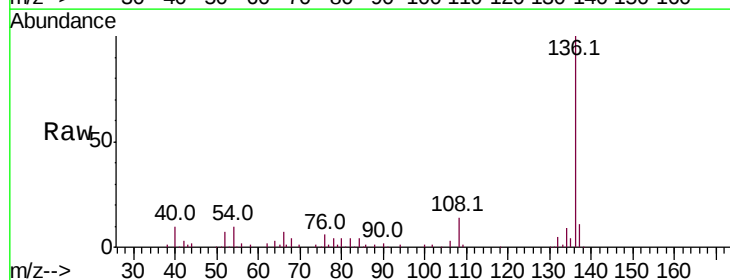
Ion Ratio Lower Upper

136 100

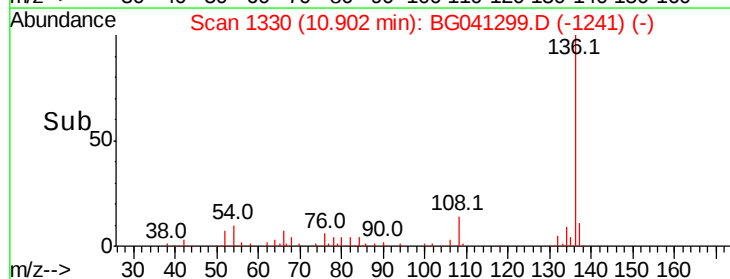
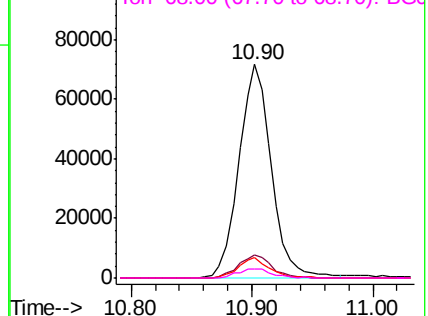
137 11.1 8.8 13.2

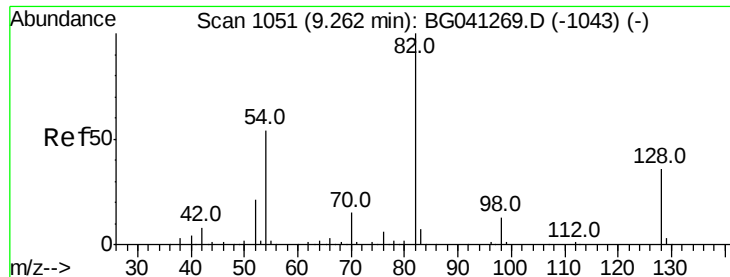
54 9.6 6.4 9.6

68 4.0 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

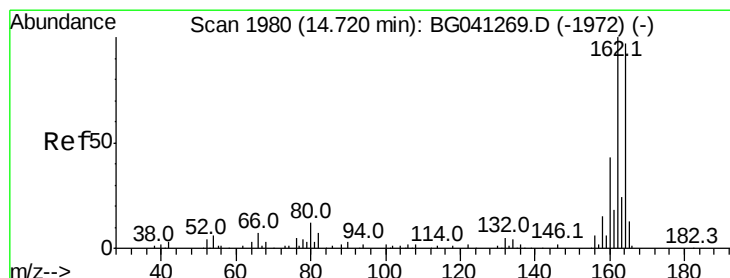
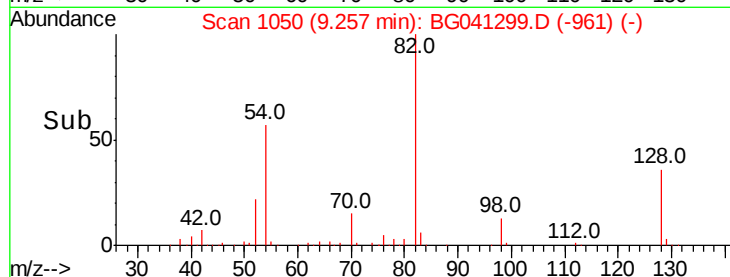
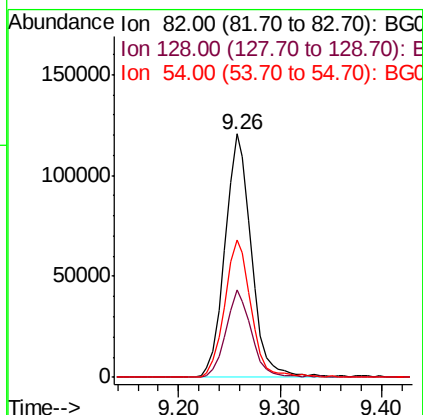
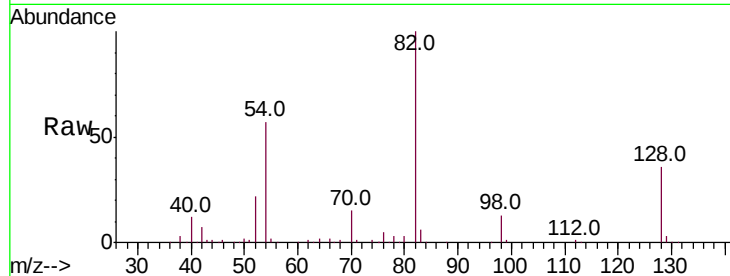




#23
Nitrobenzene-d5
Concen: 68.245 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041299.D
Acq: 18 Jun 2019 16:13

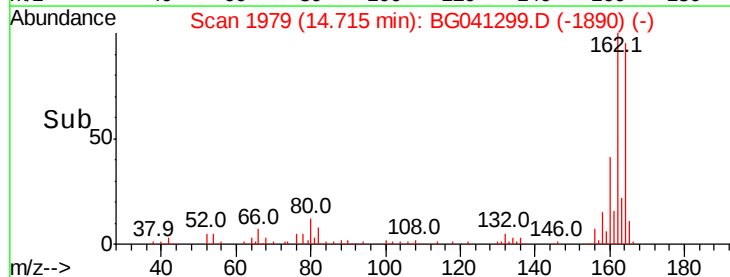
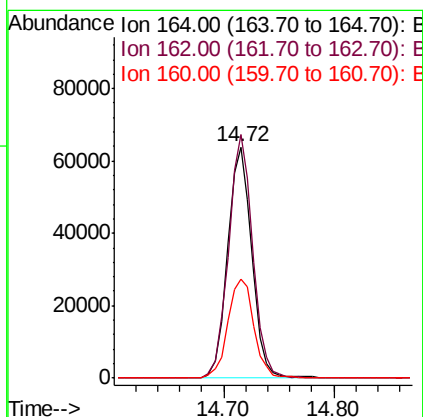
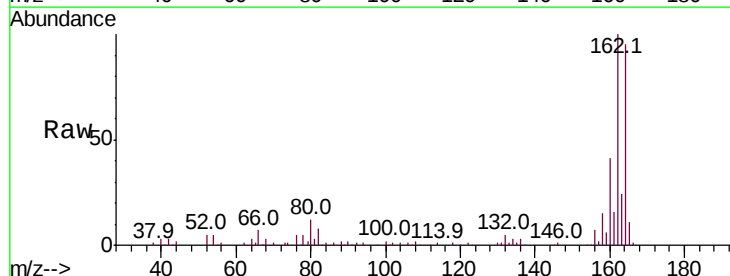
Instrument :
BNA_G
ClientSampleId :
GS-SOIL-PILE

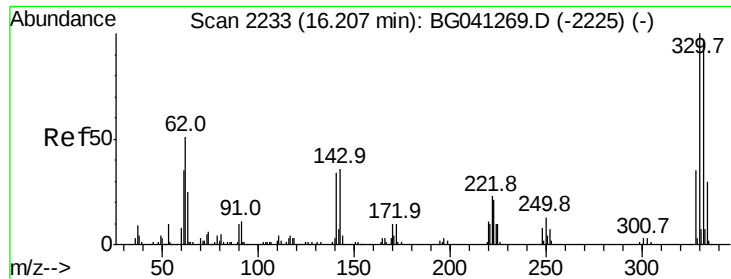
Tot Ion	82	Resp	217301
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.2	43.8
54	56.5	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041299.D
Acq: 18 Jun 2019 16:13

Tgt Ion	164	Resp	97851
Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.8	124.2
160	43.0	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 102.928 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041299.D

Acq: 18 Jun 2019 16:13

Instrument :

BNA_G

ClientSampleId :

GS-SOIL-PILE

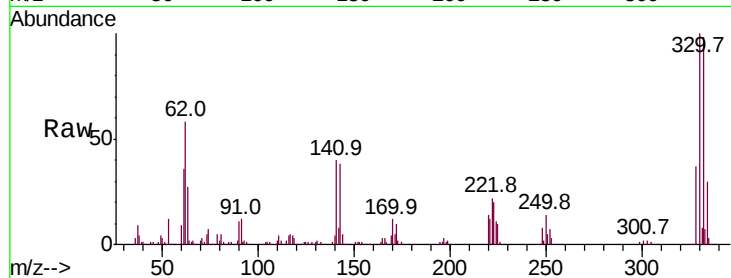
Tot Ion:330 Resp: 154622

Ion Ratio Lower Upper

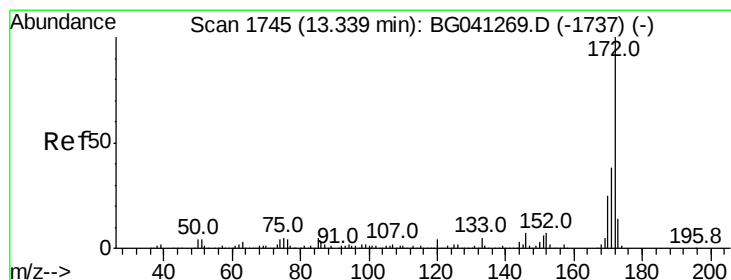
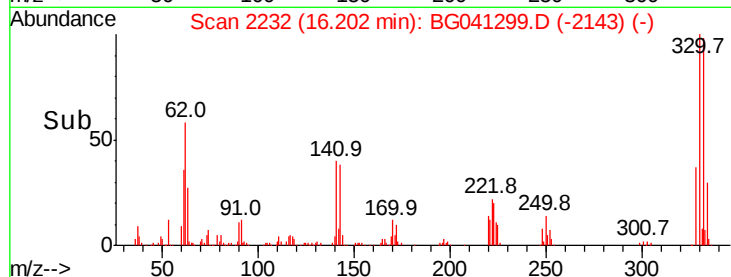
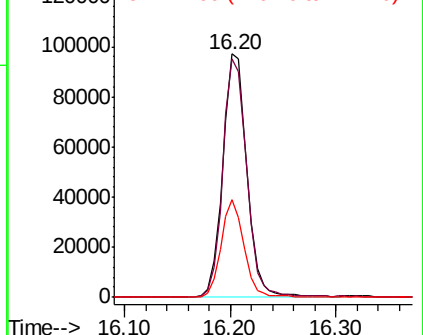
330 100

332 96.5 75.5 113.3

141 38.2 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: 60.263 ng

RT: 13.33 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG041299.D

Acq: 18 Jun 2019 16:13

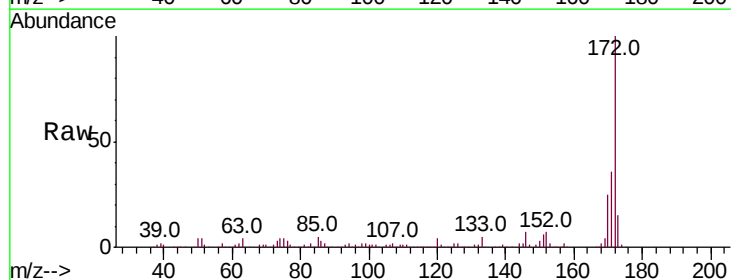
Tgt Ion:172 Resp: 433860

Ion Ratio Lower Upper

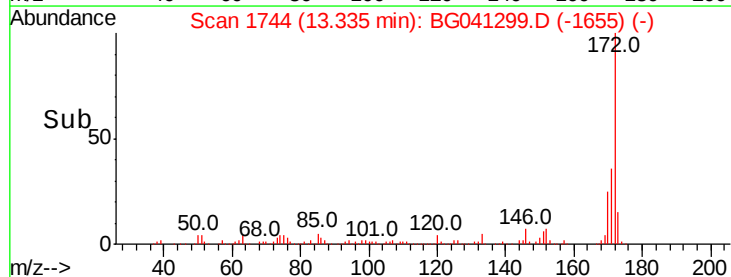
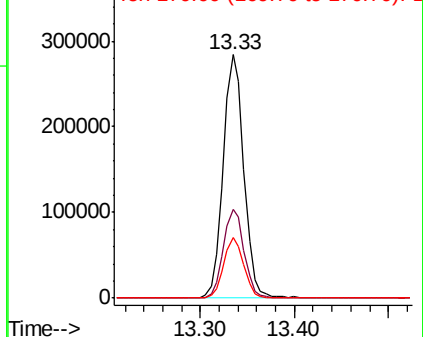
172 100

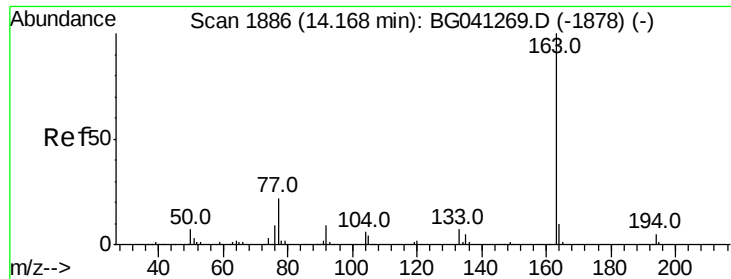
171 36.3 30.0 45.0

170 25.1 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

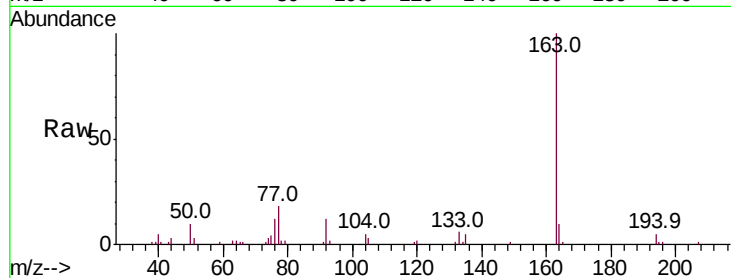




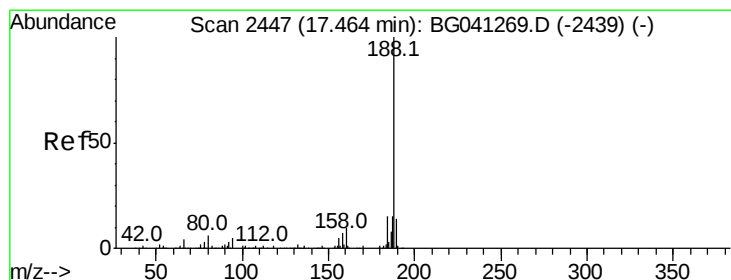
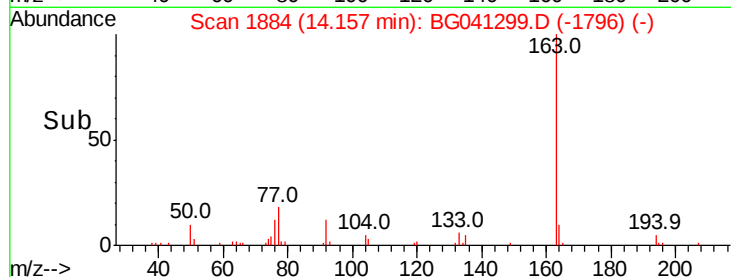
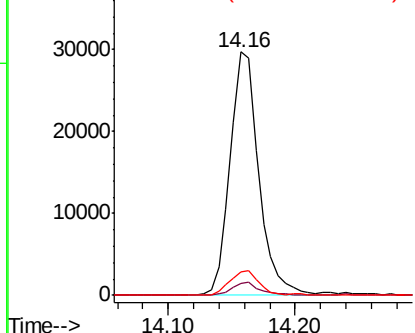
#50
Dimethylphthalate
Concen: 5.368 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041299.D
Acq: 18 Jun 2019 16:13

Instrument :
BNA_G
ClientSampleId :
GS-SOIL-PILE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.9	5.9
164	9.6	8.3	12.5

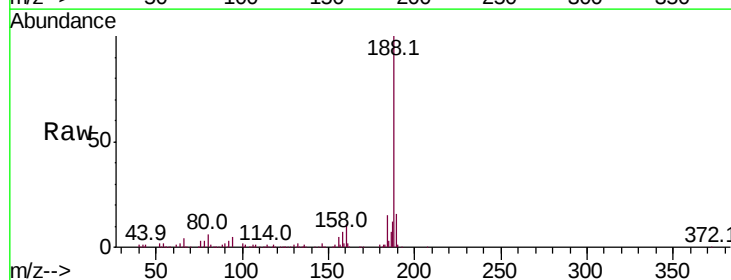


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

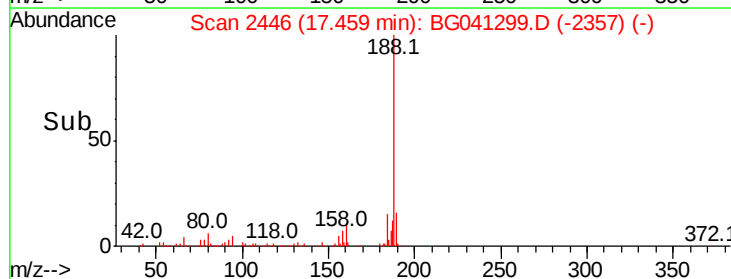
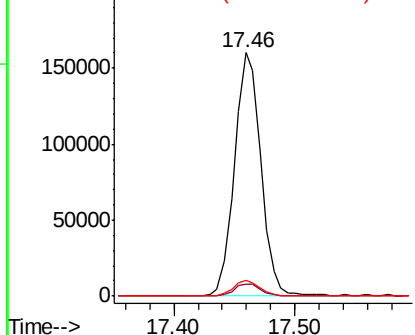


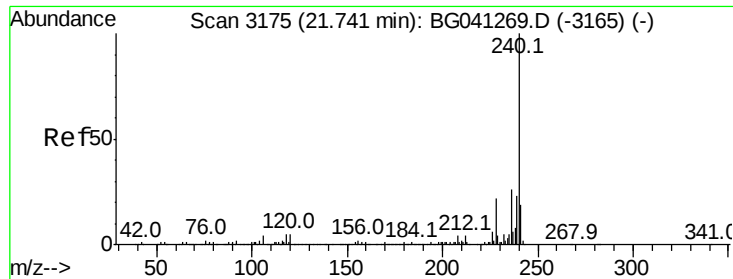
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041299.D
Acq: 18 Jun 2019 16:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.6	5.4
80	6.5	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: BG041299.D

Acq: 18 Jun 2019 16:13

Instrument :

BNA_G

ClientSampleId :

GS-SOIL-PILE

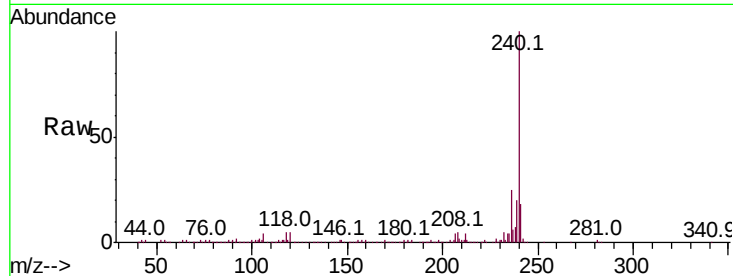
Tot Ion:240 Resp: 250776

Ion Ratio Lower Upper

240 100

120 4.9 3.7 5.5

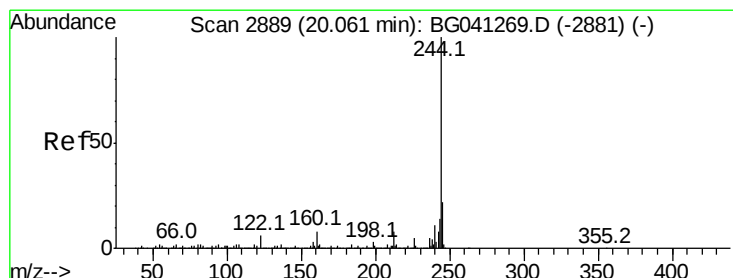
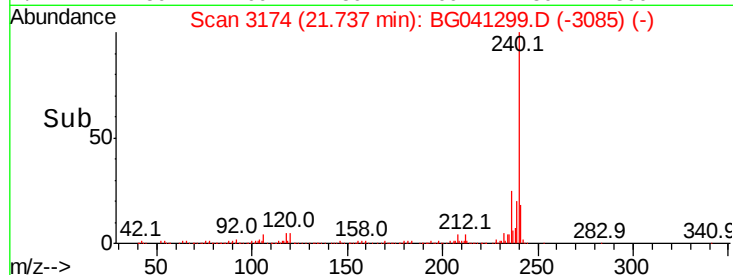
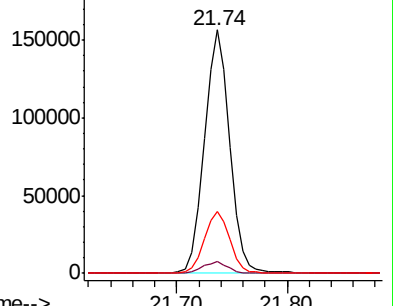
236 25.3 21.1 31.7



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: 58.550 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041299.D

Acq: 18 Jun 2019 16:13

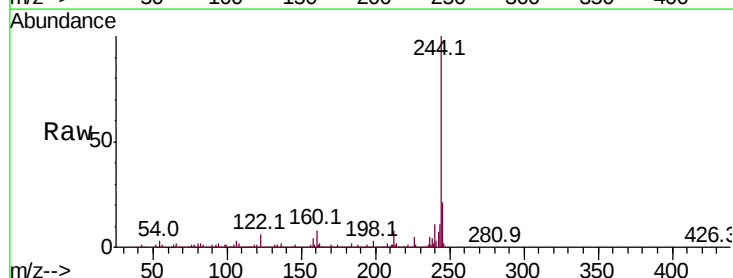
Tgt Ion:244 Resp: 740885

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

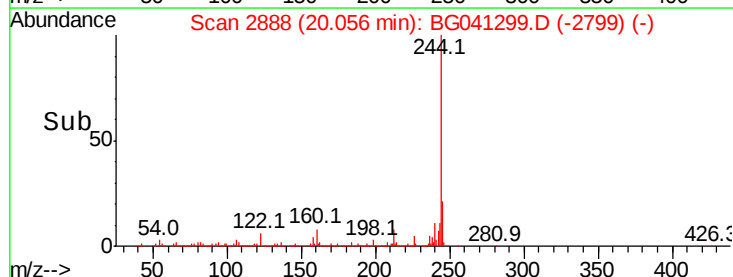
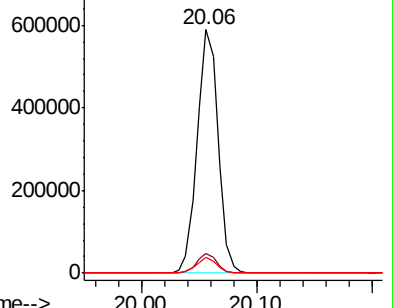
122 6.3 5.0 7.4

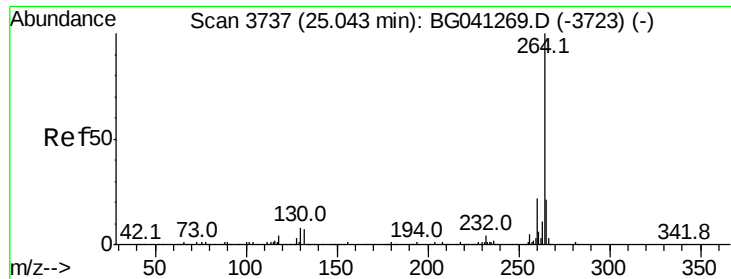


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041299.D
Acq: 18 Jun 2019 16:13

Instrument :
BNA_G
ClientSampleId :
GS-SOIL-PILE

Tot Ion:264 Resp: 259162

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.2
265	21.2	17.2	25.8

