

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041349.D
 Acq On : 20 Jun 2019 6:15
 Operator : HP/JU
 Sample : K3368-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL

Quant Time: Jun 20 07:41:44 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	44024	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	167074	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112533	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	263999	20.00	ng	0.00
76) Chrysene-d12	21.74	240	254855	20.00	ng	0.00
87) Perylene-d12	25.06	264	243181	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	251544	104.99	ng	0.00
7) Phenol-d6	7.23	99	325344	93.68	ng	0.00
23) Nitrobenzene-d5	9.26	82	330686	83.24	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	182288	105.51	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	747806	90.32	ng	0.00
79) Terphenyl-d14	20.06	244	1170838	91.05	ng	0.00

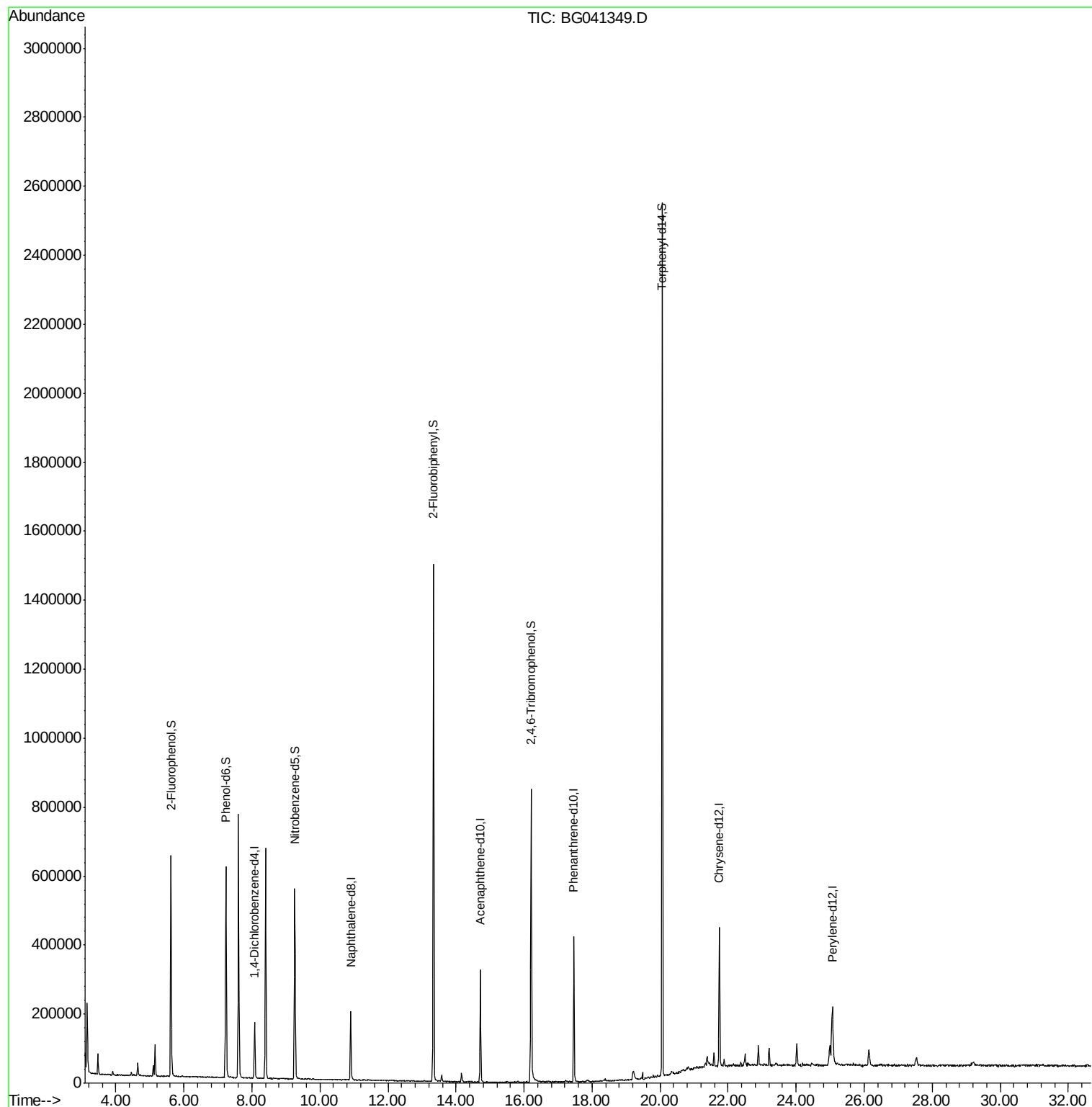
Target Compounds Qvalue

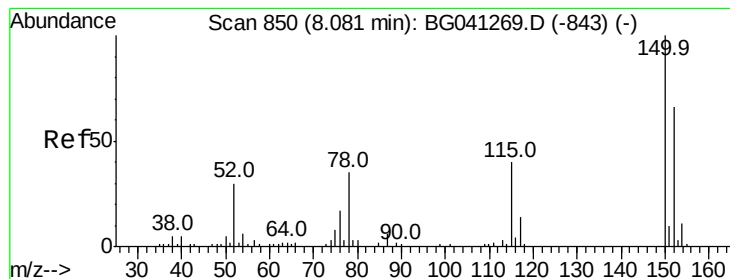
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041349.D
Acq On : 20 Jun 2019 6:15
Operator : HP/JU
Sample : K3368-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL

Quant Time: Jun 20 07:41:44 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



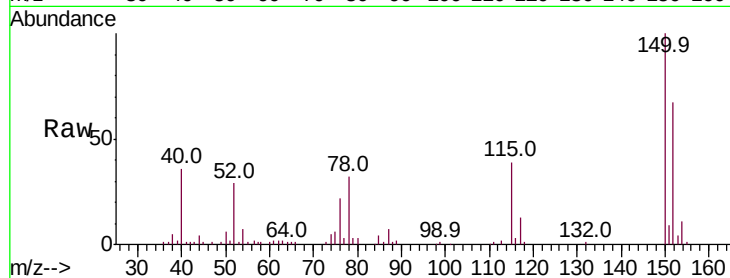


#1

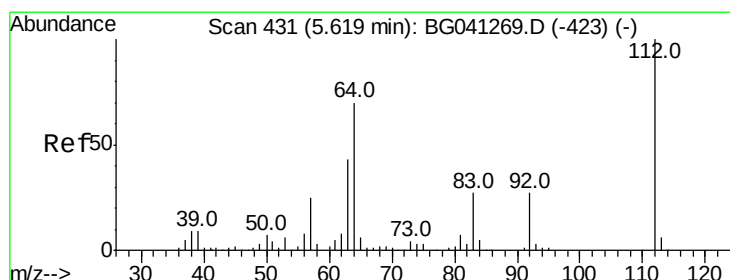
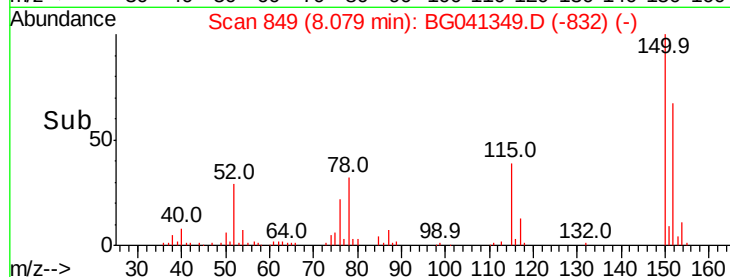
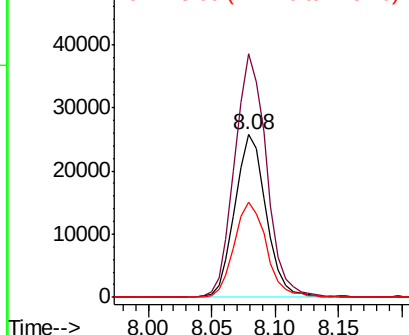
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041349.D
Acq: 20 Jun 2019 6:15

Instrument :
BNA_G
ClientSampled :
SOIL

Tot Ion:152 Resp: 44024
Ion Ratio Lower Upper
152 100
150 149.6 120.6 181.0
115 58.4 47.9 71.9



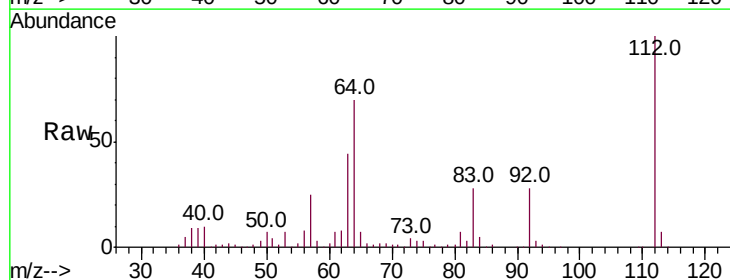
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



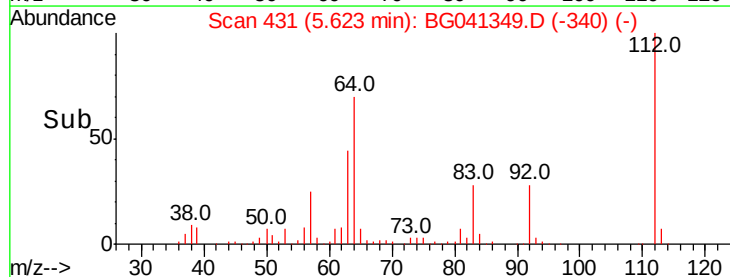
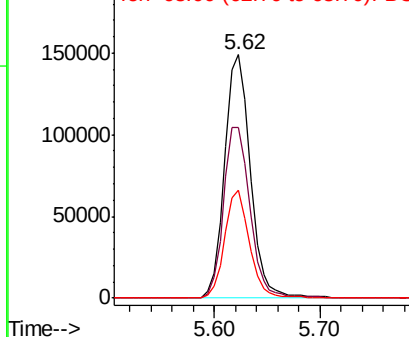
#5

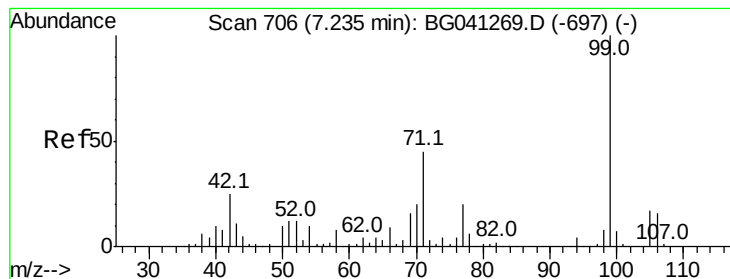
2-Fluorophenol
Concen: 104.986 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041349.D
Acq: 20 Jun 2019 6:15

Tgt Ion:112 Resp: 251544
Ion Ratio Lower Upper
112 100
64 70.0 55.9 83.9
63 44.1 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: 93.678 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

Instrument :

BNA_G

ClientSampled :

SOIL

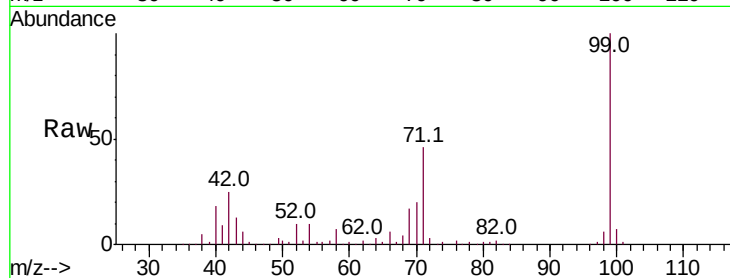
Tot Ion: 99 Resp: 325344

Ion Ratio Lower Upper

99 100

42 24.6 19.9 29.9

71 45.8 36.4 54.6

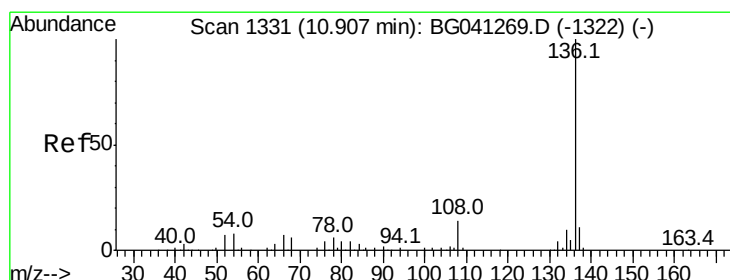
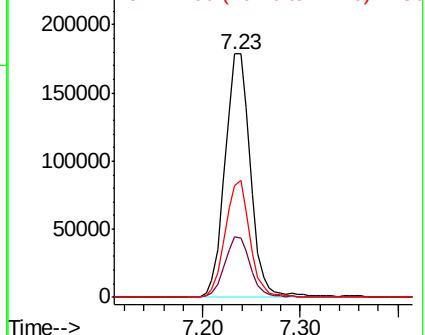
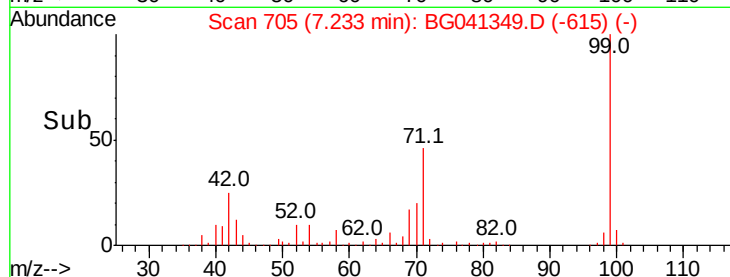


Abundance

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: 10.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

Tgt Ion: 136 Resp: 167074

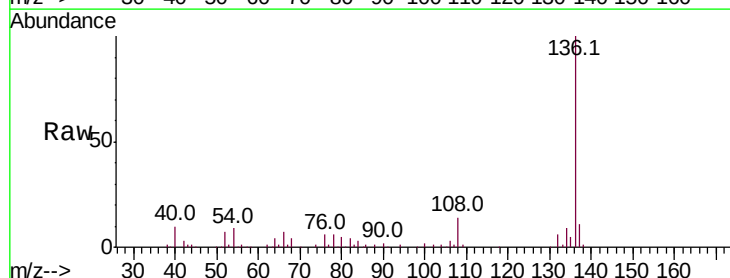
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.8 6.4 9.6

68 4.5 4.8 7.2#



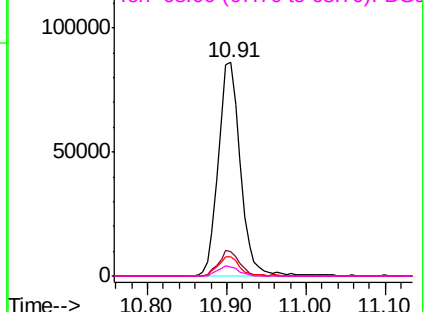
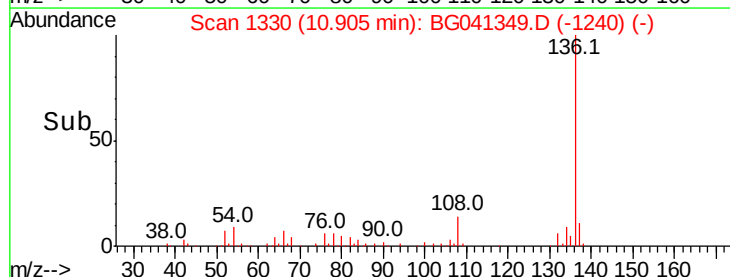
Abundance

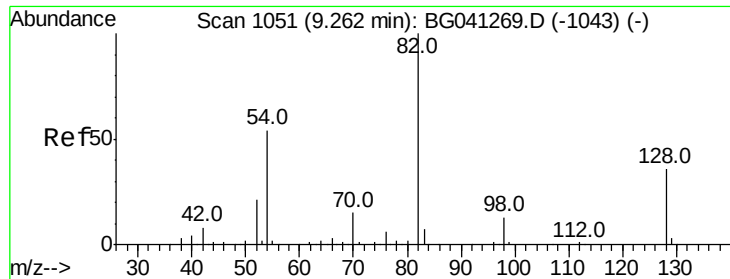
Ion 136.00 (135.70 to 136.70): BGC

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

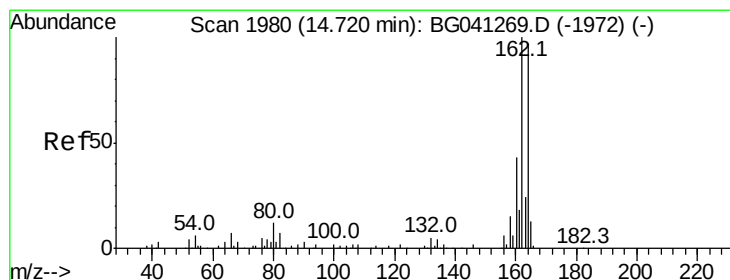
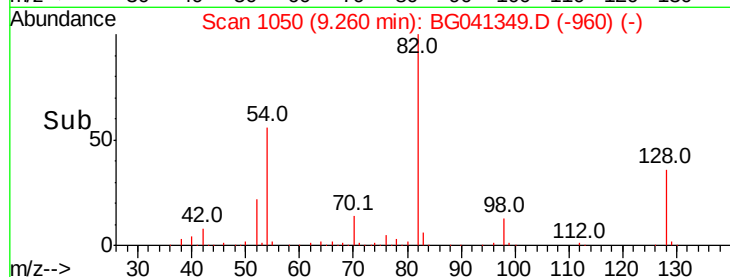
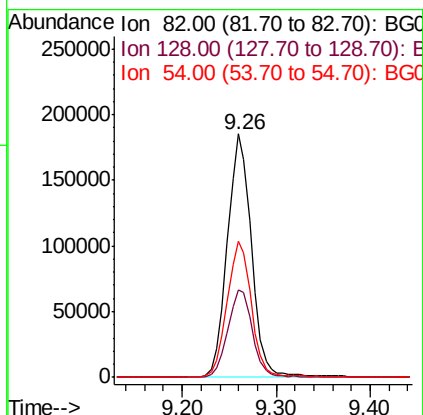
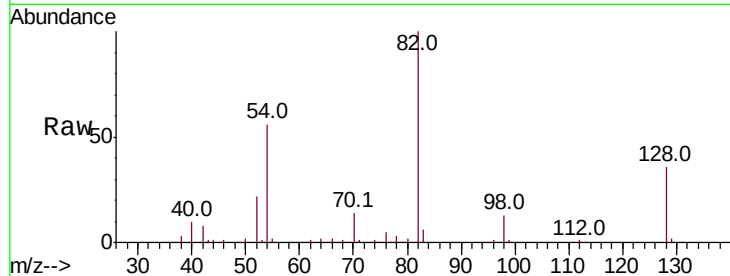




#23
Nitrobenzene-d5
Concen: 83.241 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041349.D
Acq: 20 Jun 2019 6:15

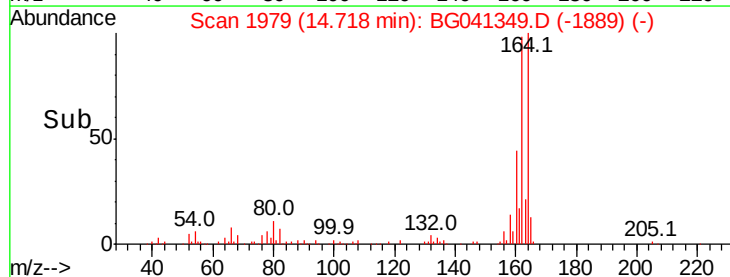
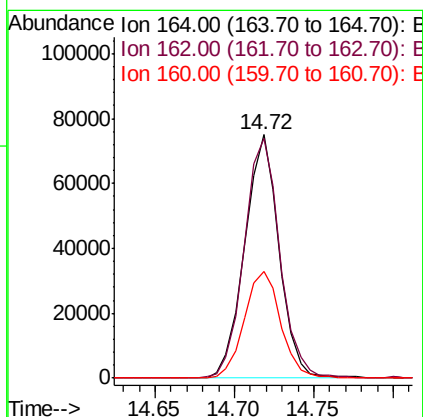
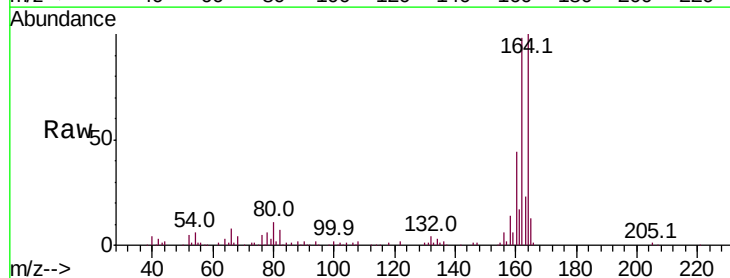
Instrument :
BNA_G
ClientSampled :
SOIL

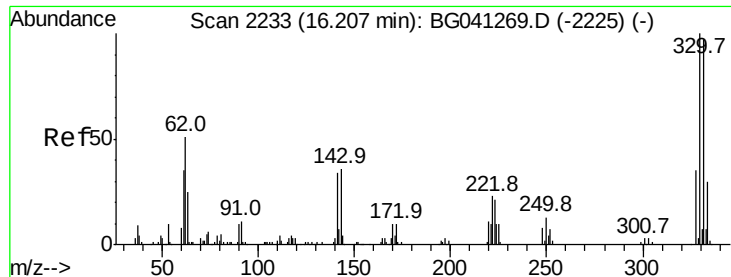
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.2	43.8
54	55.8	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041349.D
Acq: 20 Jun 2019 6:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	82.8	124.2
160	43.7	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 105.513 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

Instrument :

BNA_G

ClientSampled :

SOIL

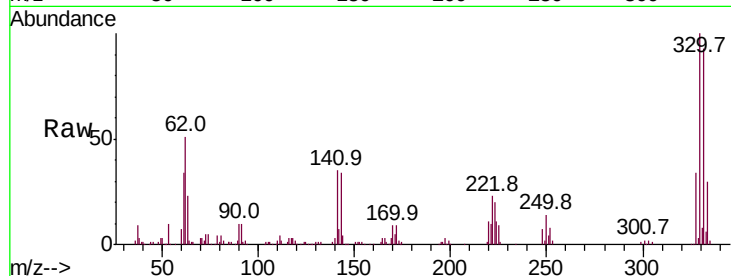
Tot Ion:330 Resp: 182288

Ion Ratio Lower Upper

330 100

332 94.4 75.5 113.3

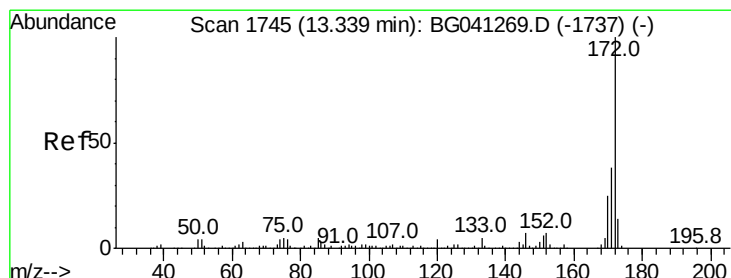
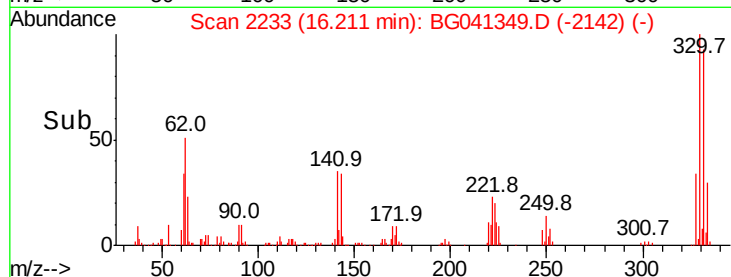
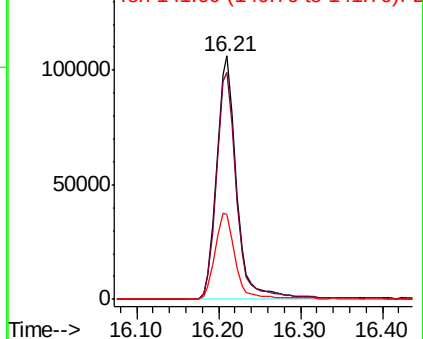
141 35.7 29.0 43.4



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: 90.319 ng

RT: 13.34 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

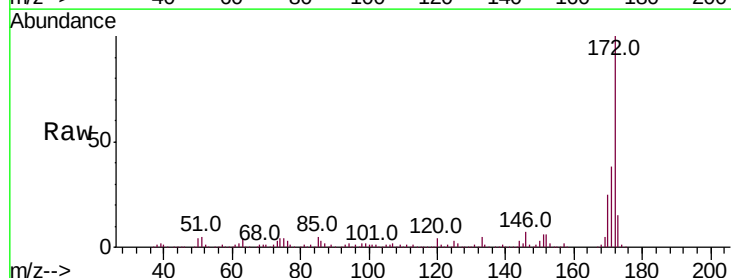
Tgt Ion:172 Resp: 747806

Ion Ratio Lower Upper

172 100

171 37.6 30.0 45.0

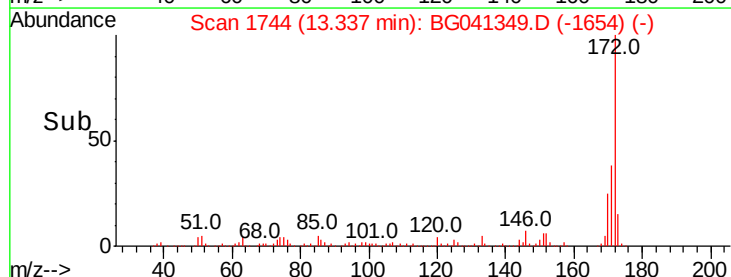
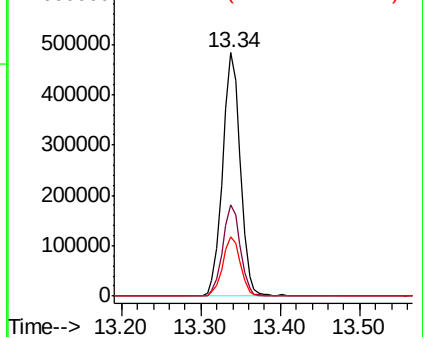
170 24.6 19.8 29.6

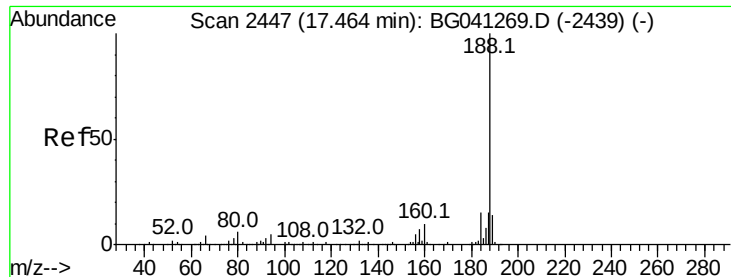


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

Instrument :

BNA_G

ClientSampleId :

SOIL

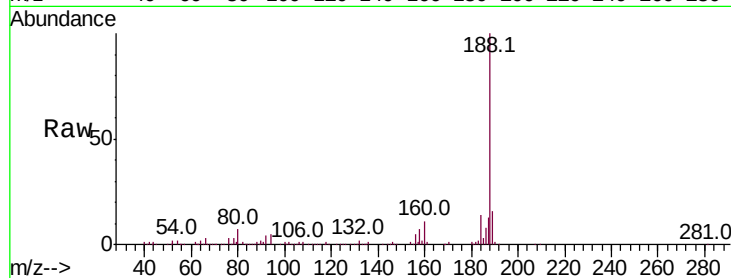
Tot Ion:188 Resp: 263999

Ion Ratio Lower Upper

188 100

94 5.4 3.6 5.4#

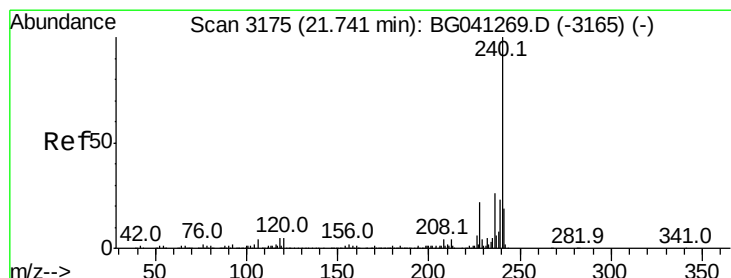
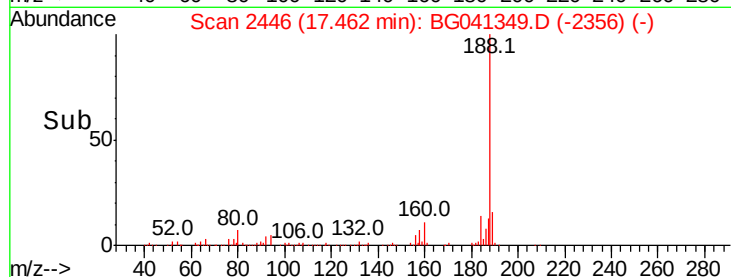
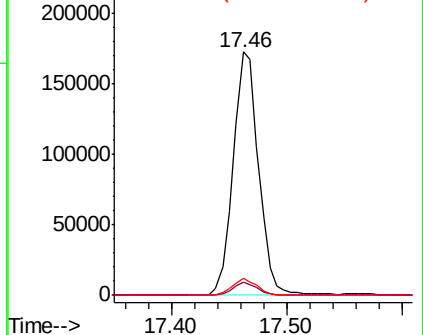
80 6.9 4.8 7.2



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: BG041349.D

Acq: 20 Jun 2019 6:15

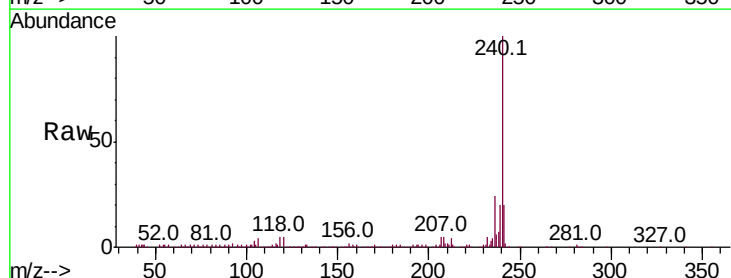
Tgt Ion:240 Resp: 254855

Ion Ratio Lower Upper

240 100

120 4.7 3.7 5.5

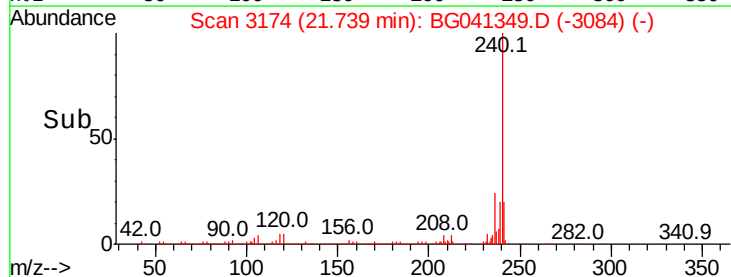
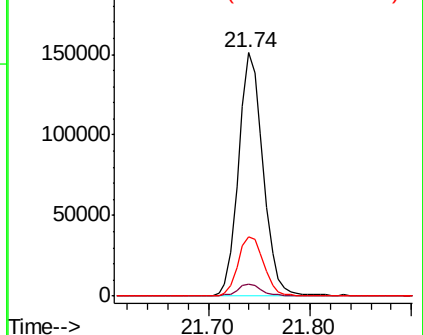
236 24.1 21.1 31.7

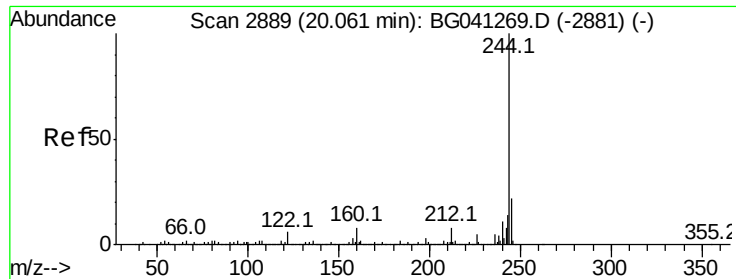


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.046 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

Instrument :

BNA_G

ClientSampleId :

SOIL

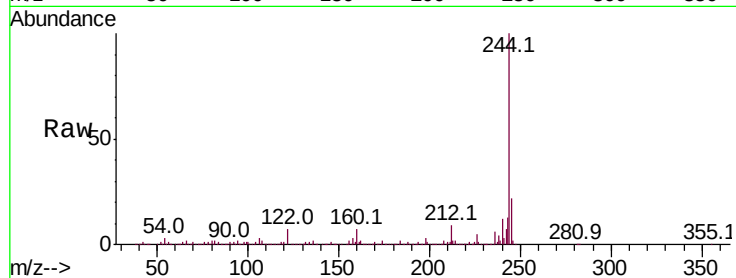
Tot Ion:244 Resp: 1170838

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

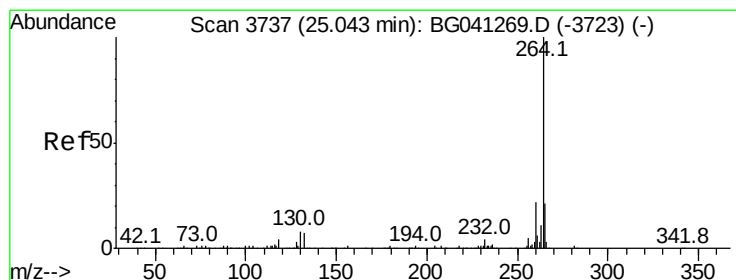
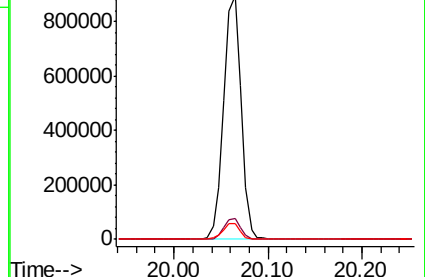
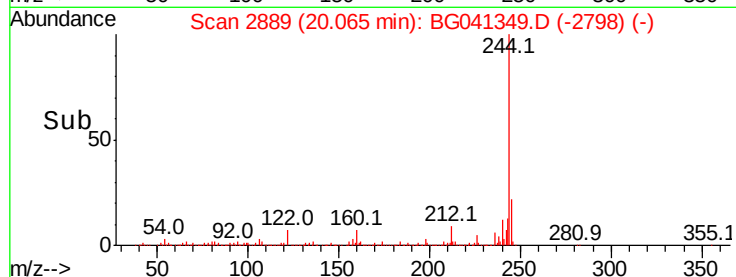
122 6.5 5.0 7.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3739

Delta R.T. 0.02 min

Lab File: BG041349.D

Acq: 20 Jun 2019 6:15

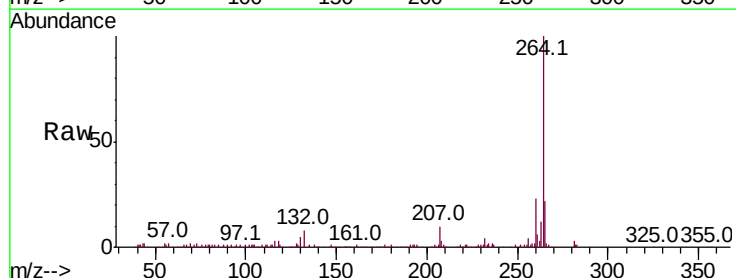
Tgt Ion:264 Resp: 243181

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.2

265 22.3 17.2 25.8



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

