

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
 Data File : BG041563.D
 Acq On : 1 Jul 2019 17:41
 Operator : HP/JU
 Sample : K3573-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SR-SOIL-COMP-2

Quant Time: Jul 02 03:38:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

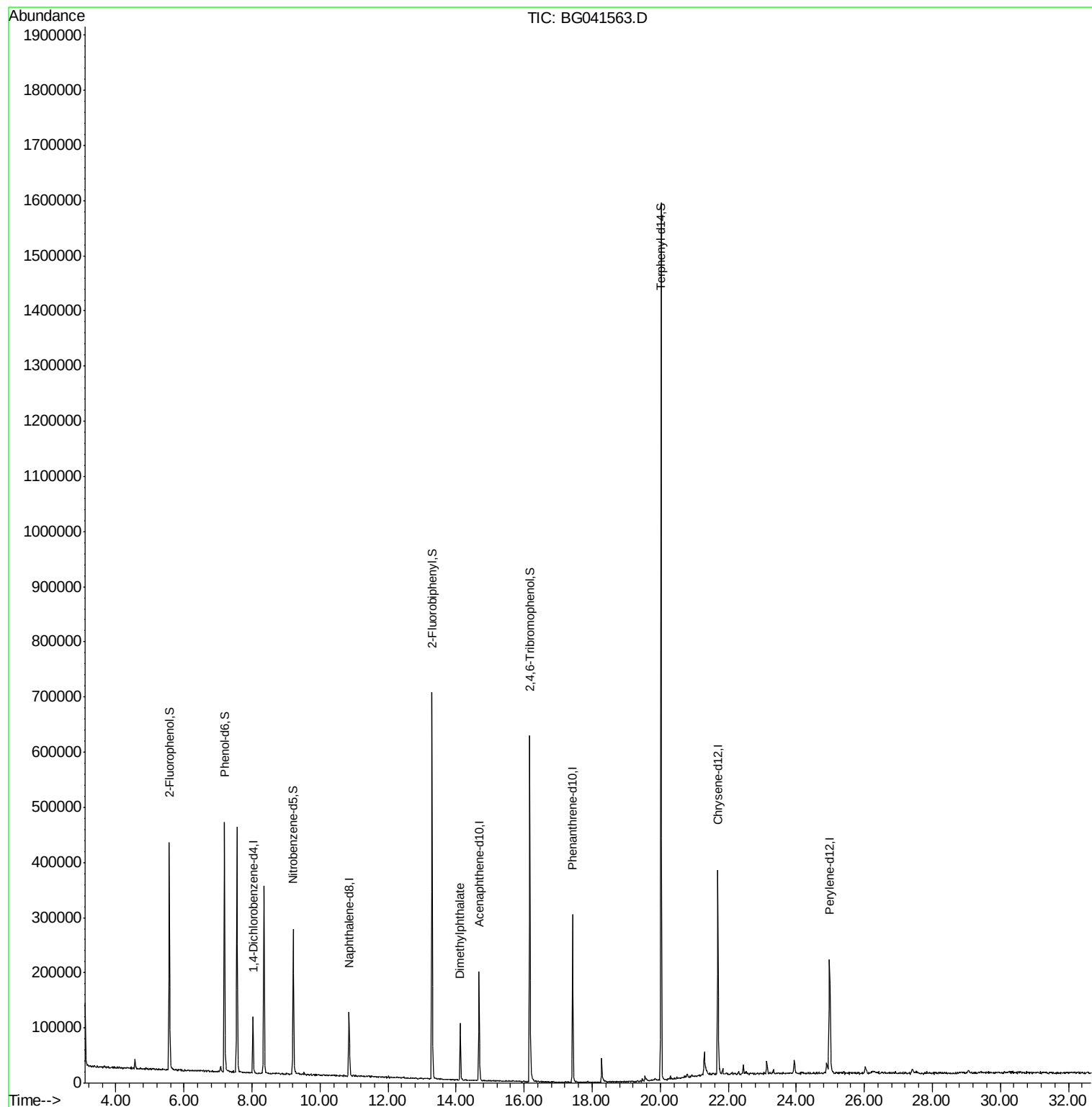
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28218	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	97932	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	72043	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	197403	20.00	ng	0.00
76) Chrysene-d12	21.69	240	235658	20.00	ng	0.00
87) Perylene-d12	24.98	264	256987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	170303	107.60	ng	0.00
7) Phenol-d6	7.19	99	240258	107.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	171606	73.08	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	132156	107.44	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	370235	65.95	ng	0.00
79) Terphenyl-d14	20.03	244	795300	71.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	68987	10.523	ng	Qvalue 96

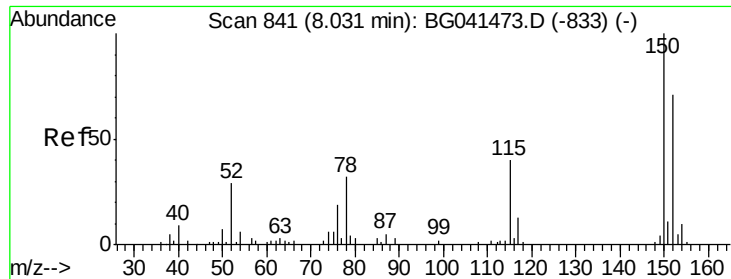
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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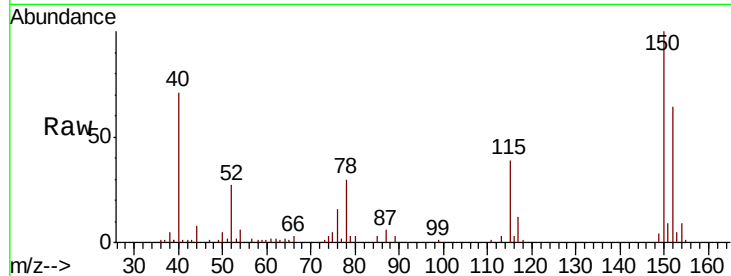


#1

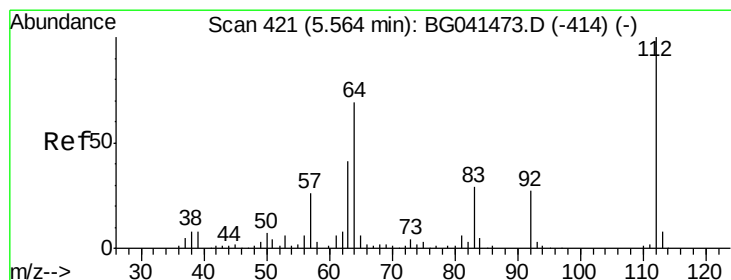
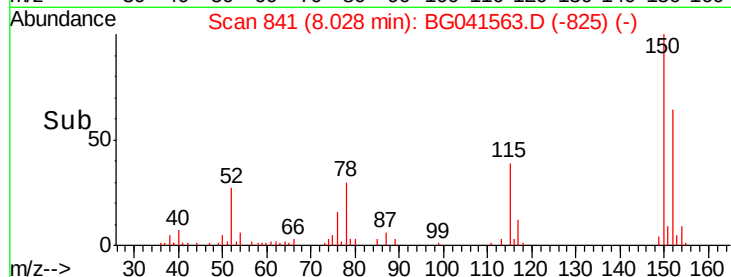
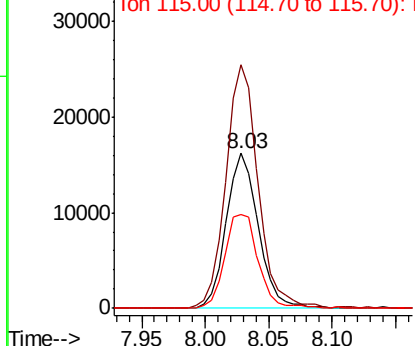
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041563.D
Acq: 1 Jul 2019 17:41

Instrument :
BNA_G
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SR-SOIL-COMP-2

Tot Ion:152 Resp: 28218
Ion Ratio Lower Upper
152 100
150 157.4 112.4 168.6
115 60.8 44.6 66.8



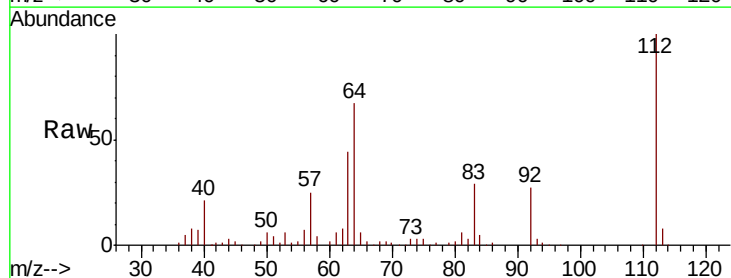
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



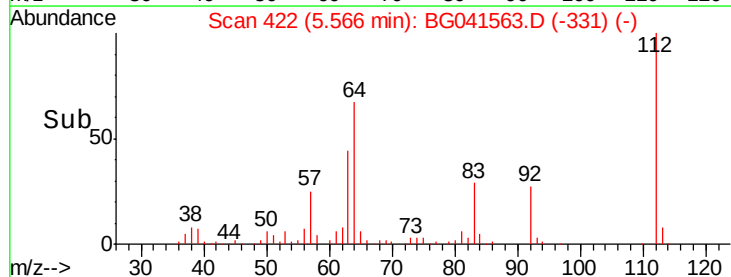
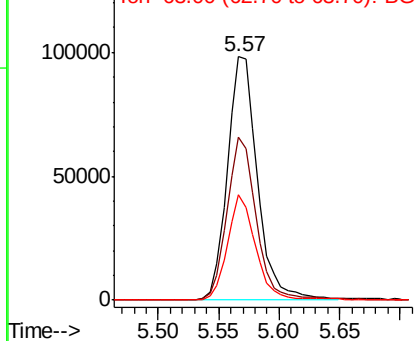
#5

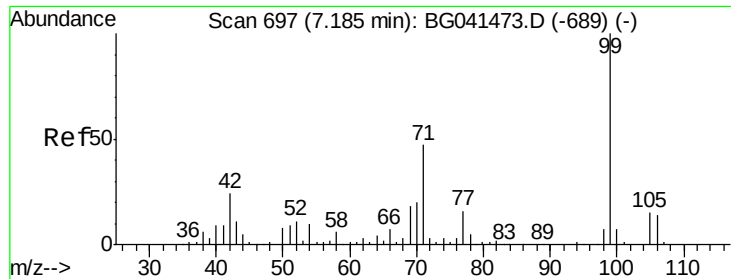
2-Fluorophenol
Concen: 107.600 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041563.D
Acq: 1 Jul 2019 17:41

Tgt Ion:112 Resp: 170303
Ion Ratio Lower Upper
112 100
64 67.2 55.1 82.7
63 43.5 32.4 48.6



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: 107.831 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041563.D

Acq: 1 Jul 2019 17:41

Instrument :

BNA_G

ClientSampleId :

SR-SOIL-COMP-2

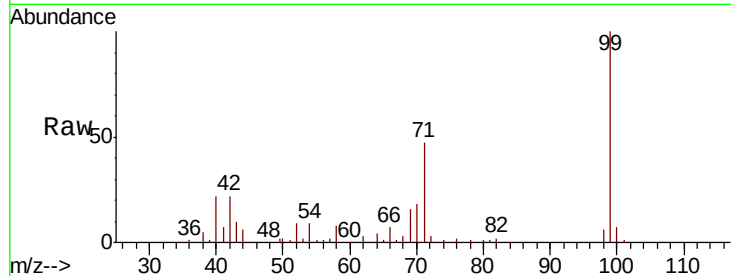
Tot Ion: 99 Resp: 240258

Ion Ratio Lower Upper

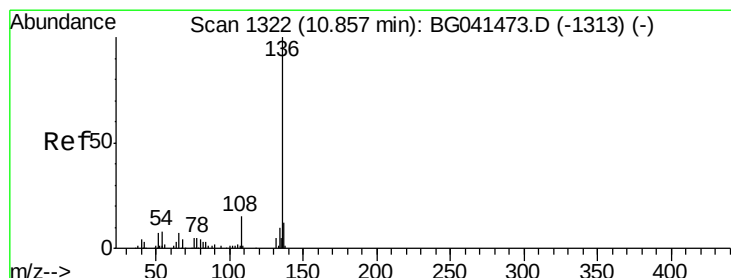
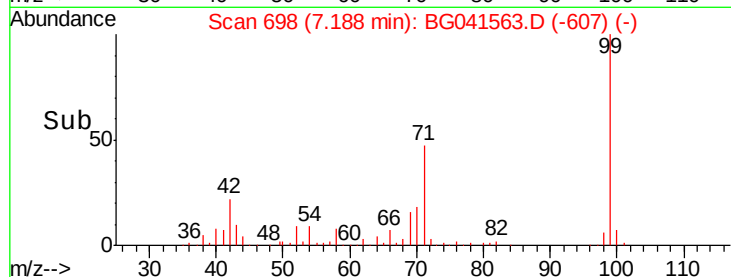
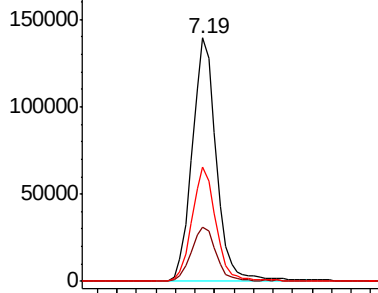
99 100

42 22.3 19.0 28.6

71 47.0 37.4 56.2



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: 10.85 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041563.D

Acq: 1 Jul 2019 17:41

Tgt Ion: 136 Resp: 97932

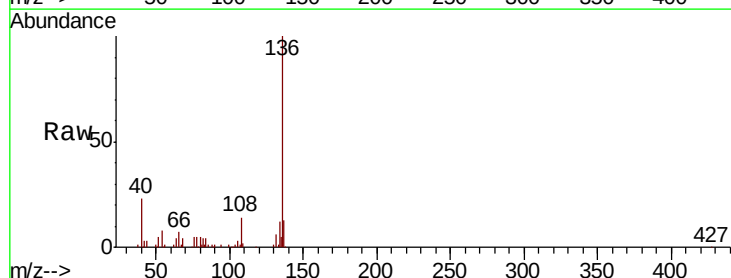
Ion Ratio Lower Upper

136 100

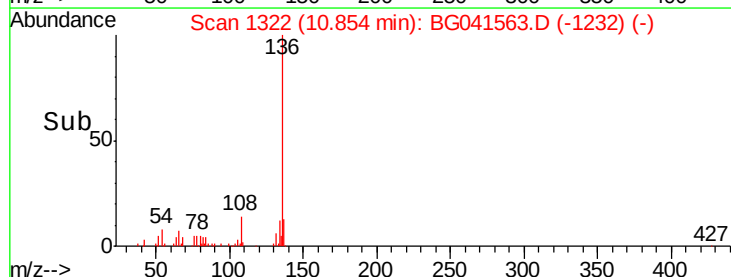
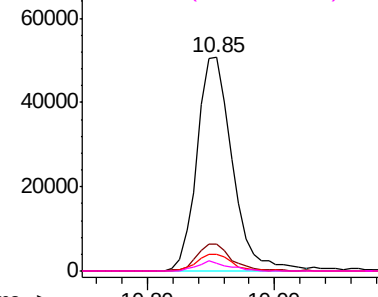
137 12.6 9.3 13.9

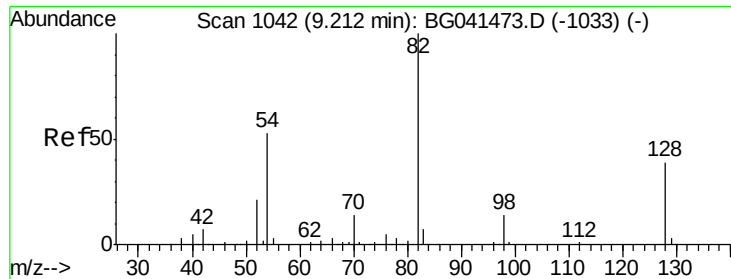
54 7.9 7.1 10.7

68 3.7 3.3 4.9



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

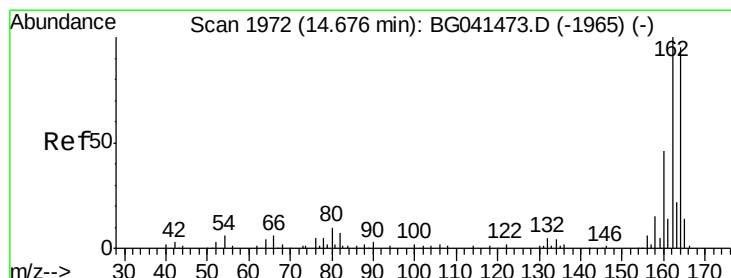
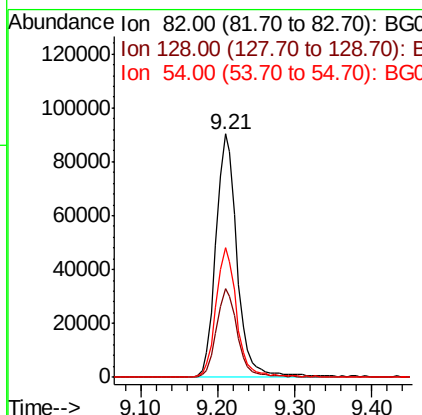
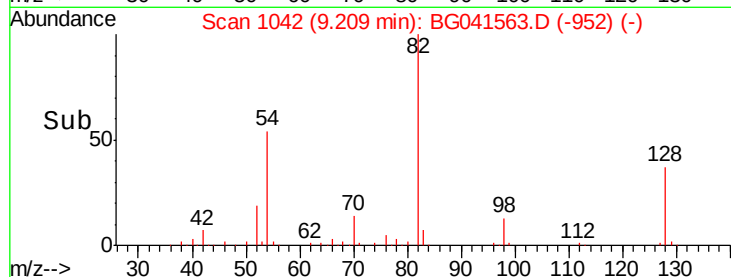
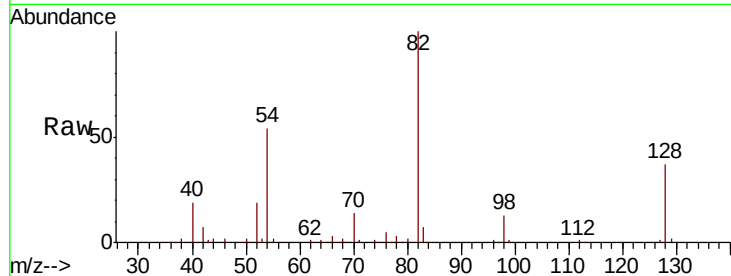




#23
 Nitrobenzene-d5
 Concen: 73.083 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041563.D
 Acq: 1 Jul 2019 17:41

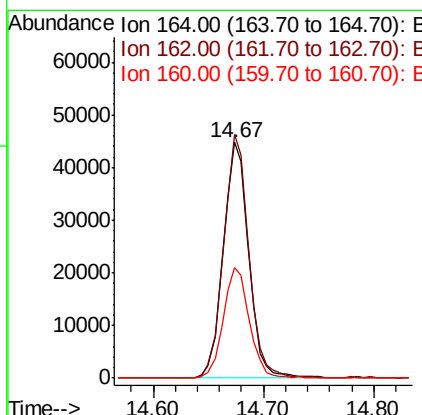
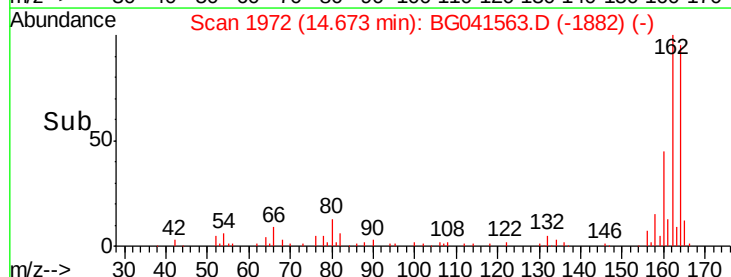
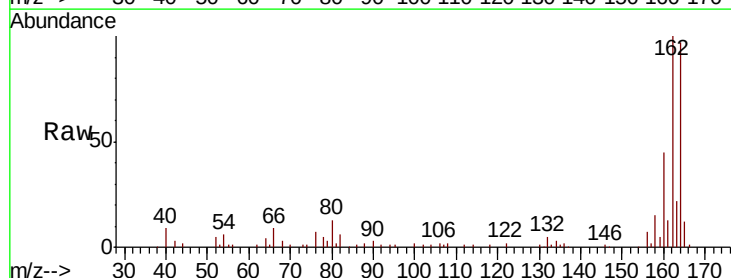
Instrument :
 BNA_G
 ClientSampleId :
 SR-SOIL-COMP-2

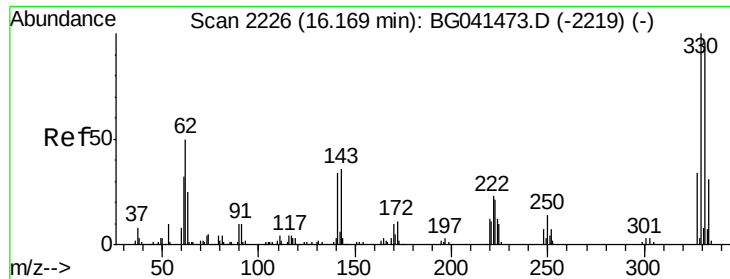
Tot Ion	82	Resp	171606
Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.9	46.3
54	53.5	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041563.D
 Acq: 1 Jul 2019 17:41

Tgt Ion	164	Resp	72043
Ion	Ratio	Lower	Upper
164	100		
162	103.3	84.4	126.6
160	46.7	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 107.436 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041563.D

Acq: 1 Jul 2019 17:41

Instrument :

BNA_G

ClientSampleId :

SR-SOIL-COMP-2

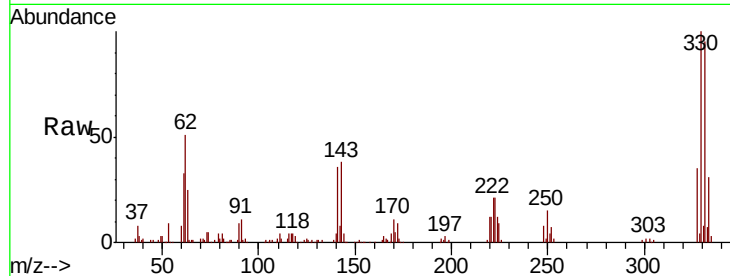
Tot Ion:330 Resp: 132156

Ion Ratio Lower Upper

330 100

332 98.1 75.5 113.3

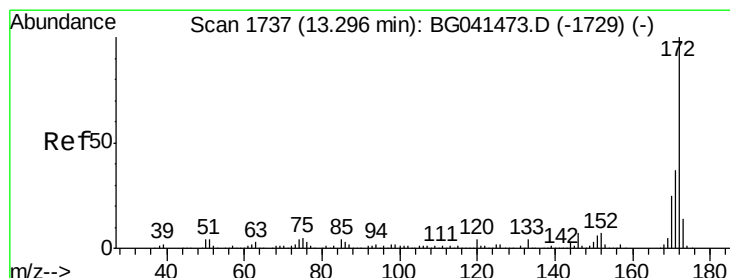
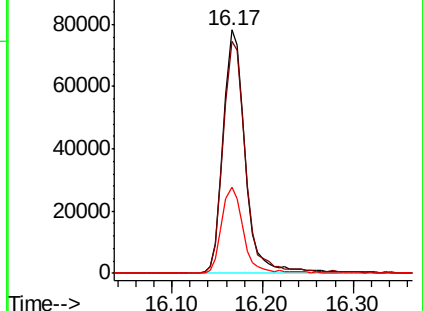
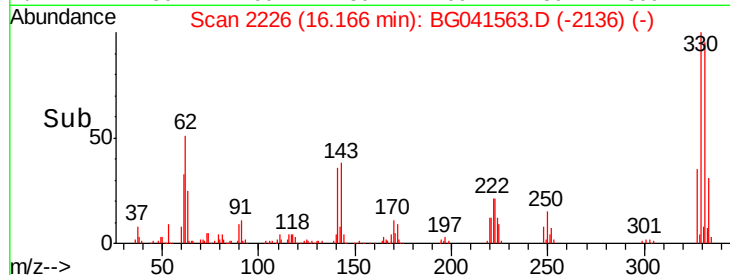
141 35.1 27.8 41.6



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: 65.948 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041563.D

Acq: 1 Jul 2019 17:41

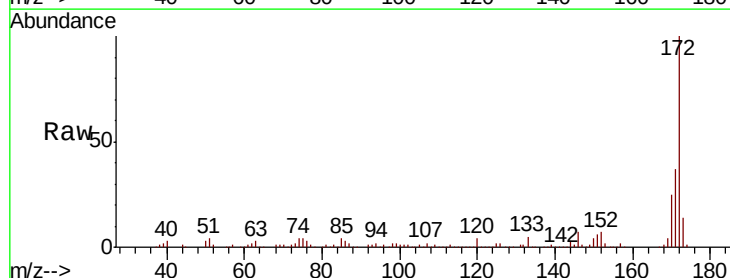
Tgt Ion:172 Resp: 370235

Ion Ratio Lower Upper

172 100

171 37.3 29.6 44.4

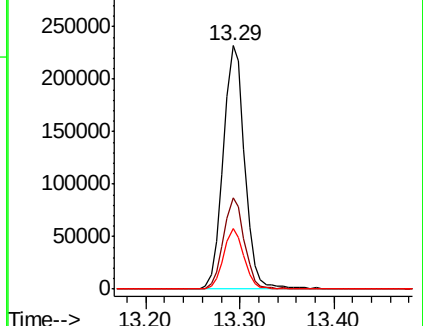
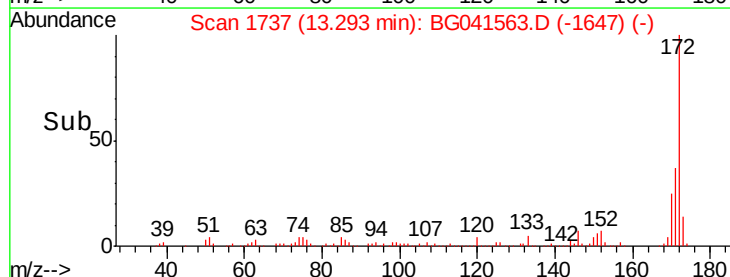
170 24.6 20.0 30.0

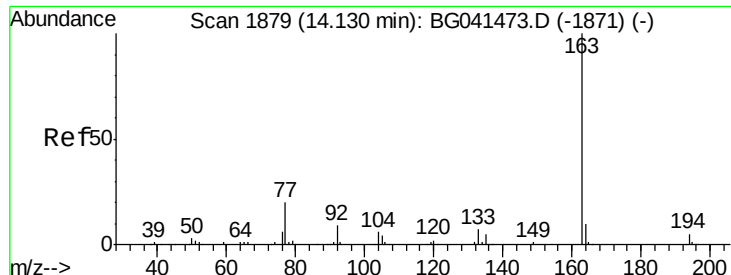


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.523 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041563.D

Acq: 1 Jul 2019 17:41

Instrument :

BNA_G

ClientSampleId :

SR-SOIL-COMP-2

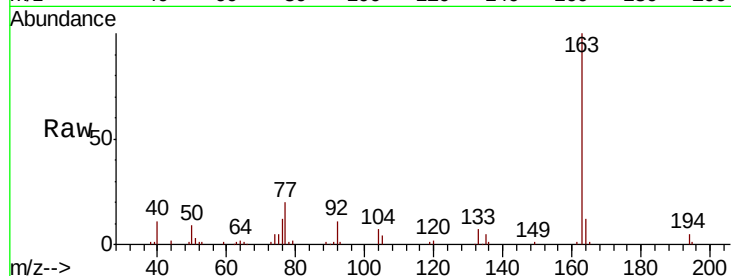
Tot Ion:163 Resp: 68987

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

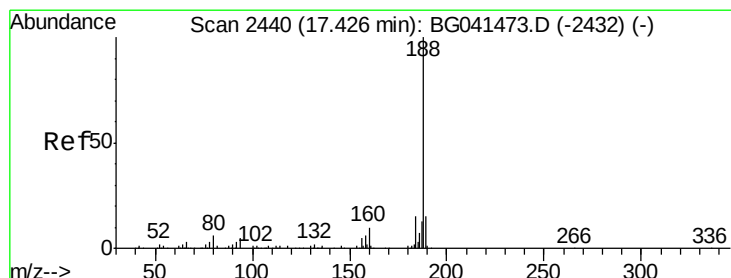
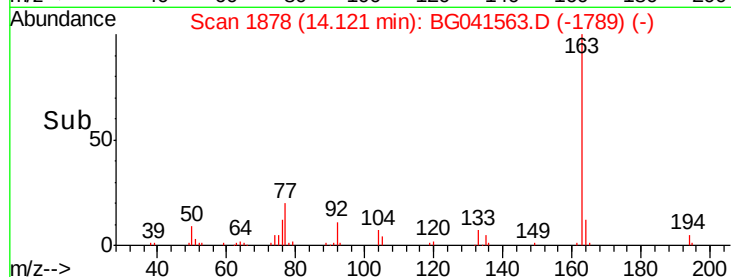
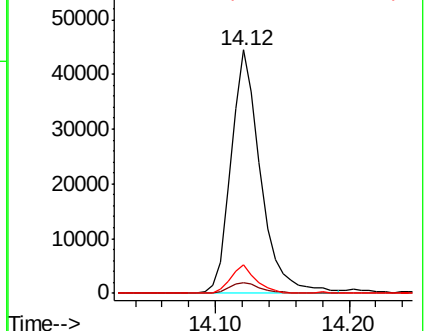
164 11.6 7.8 11.6



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: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041563.D

Acq: 1 Jul 2019 17:41

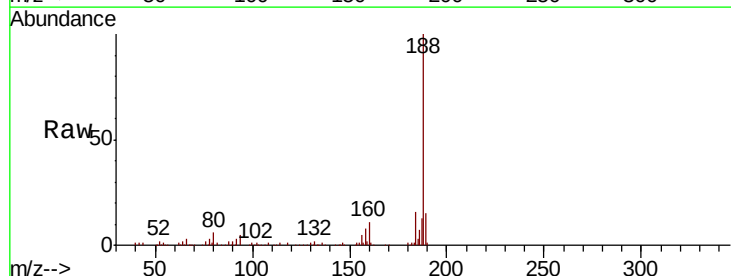
Tgt Ion:188 Resp: 197403

Ion Ratio Lower Upper

188 100

94 5.1 3.8 5.8

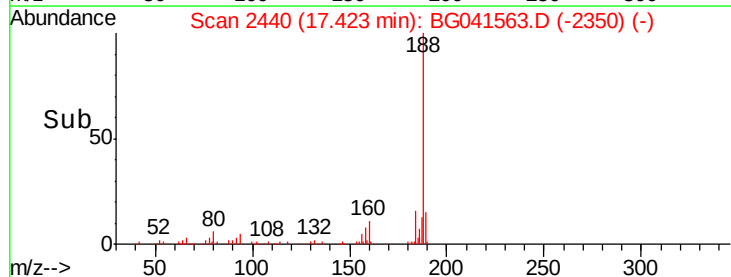
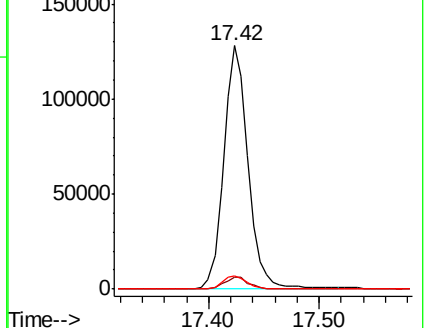
80 5.5 4.8 7.2

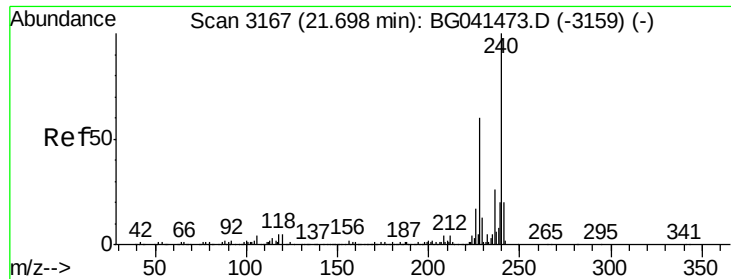


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

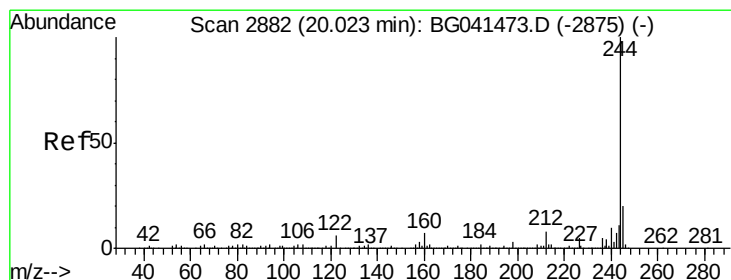
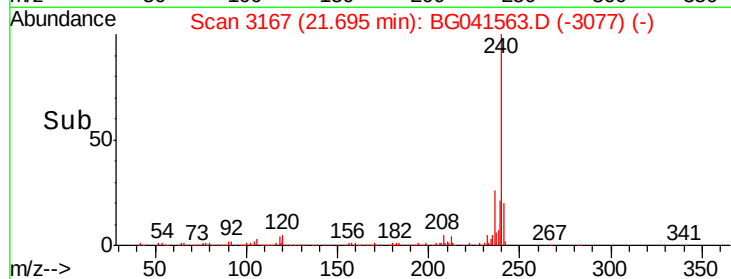
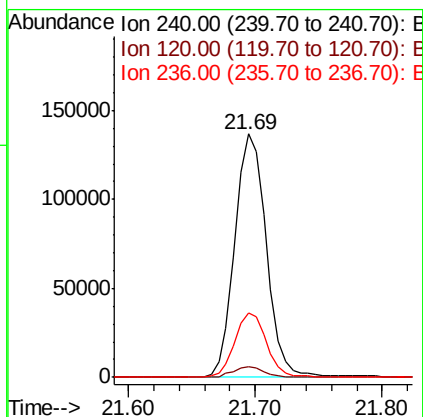
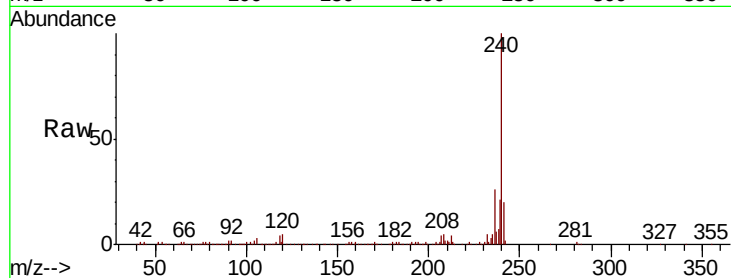




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041563.D
Acq: 1 Jul 2019 17:41

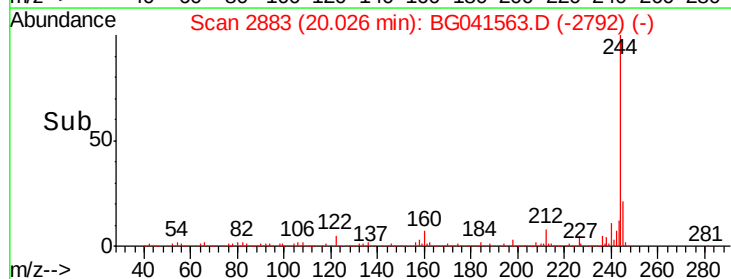
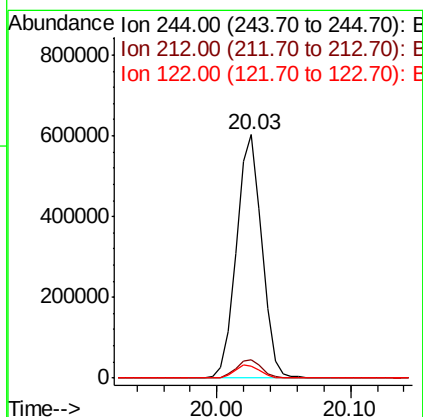
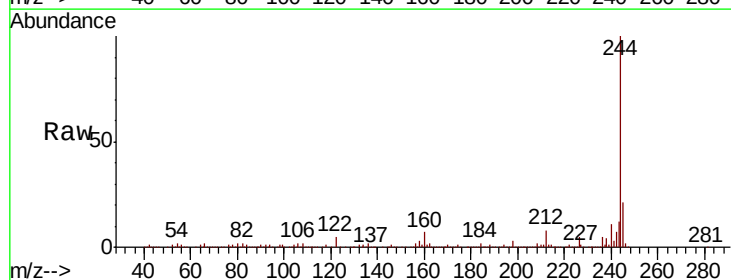
Instrument :
BNA_G
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SR-SOIL-COMP-2

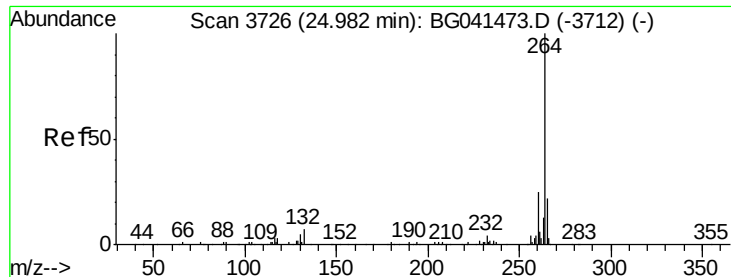
Tot Ion:240 Resp: 235658
Ion Ratio Lower Upper
240 100
120 4.5 3.7 5.5
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 71.717 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG041563.D
Acq: 1 Jul 2019 17:41

Tgt Ion:244 Resp: 795300
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 5.1 4.8 7.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041563.D
Acq: 1 Jul 2019 17:41

Instrument :
BNA_G
ClientSampleId :
SR-SOIL-COMP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.3	17.4	26.2

