

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041523.D
 Acq On : 28 Jun 2019 21:42
 Operator : HP/JU
 Sample : K3563-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP-2

Quant Time: Jun 29 03:18:00 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

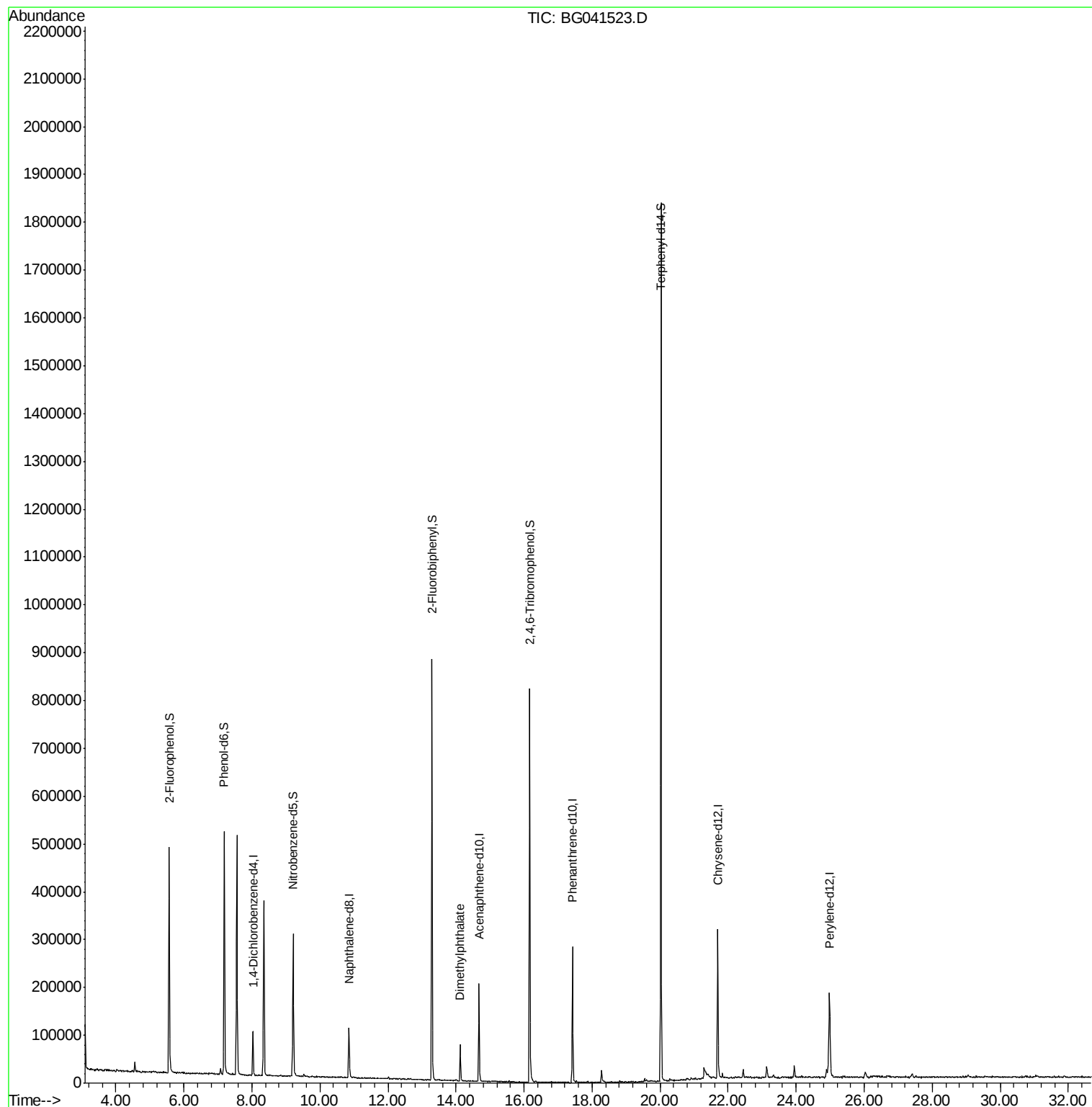
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	25563	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	90882	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	70103	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	193930	20.00	ng	0.00
76) Chrysene-d12	21.70	240	203241	20.00	ng	0.00
87) Perylene-d12	24.98	264	211796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	188106	131.19	ng	0.00
7) Phenol-d6	7.19	99	269088	133.31	ng	0.00
23) Nitrobenzene-d5	9.21	82	187653	86.12	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	163880	136.91	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	439481	80.45	ng	0.00
79) Terphenyl-d14	20.02	244	871555	91.13	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	54689	8.573	ng	Qvalue 99

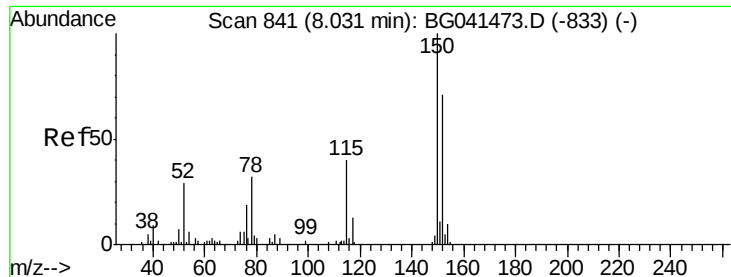
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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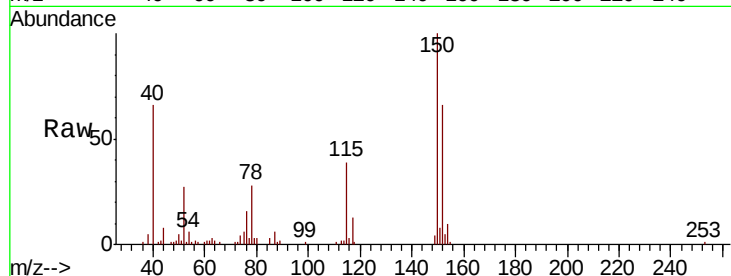


#1

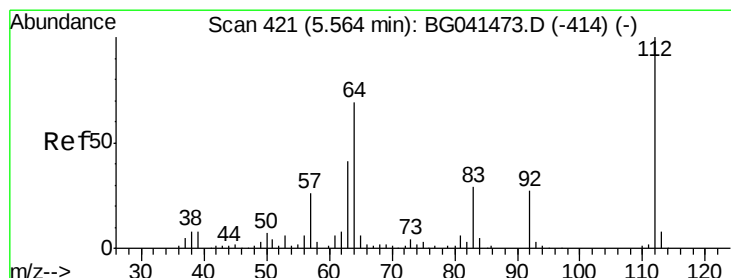
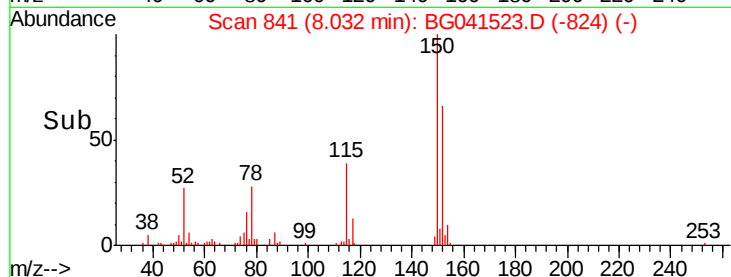
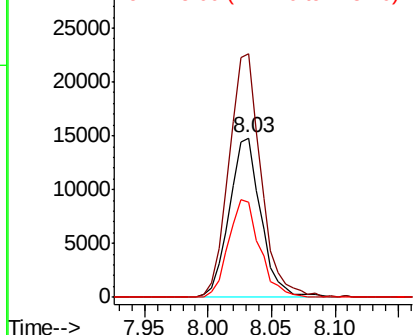
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041523.D
Acq: 28 Jun 2019 21:42

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-2

Tgt Ion:152 Resp: 25563
Ion Ratio Lower Upper
152 100
150 152.6 112.4 168.6
115 59.5 44.6 66.8



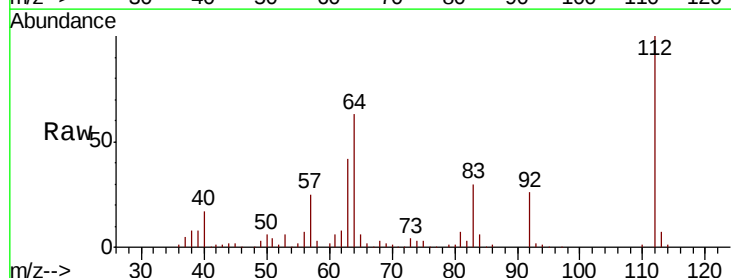
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



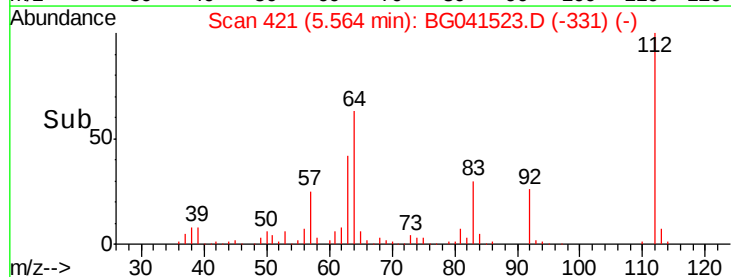
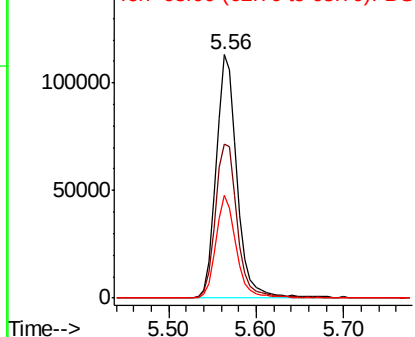
#5

2-Fluorophenol
Concen: 131.192 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG041523.D
Acq: 28 Jun 2019 21:42

Tgt Ion:112 Resp: 188106
Ion Ratio Lower Upper
112 100
64 63.2 55.1 82.7
63 42.5 32.4 48.6



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: 133.314 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041523.D

Acq: 28 Jun 2019 21:42

Instrument :

BNA_G

ClientSampleId :

SOIL-COMP-2

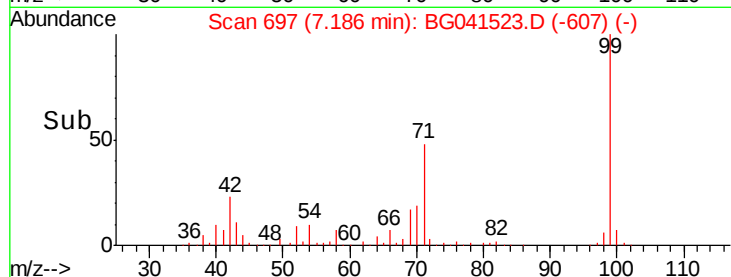
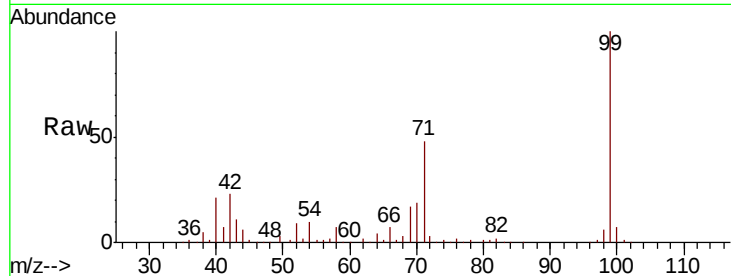
Tgt Ion: 99 Resp: 269088

Ion Ratio Lower Upper

99 100

42 23.1 19.0 28.6

71 48.3 37.4 56.2

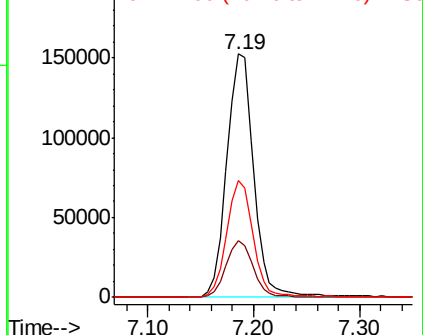


Abundance

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# 1321

Delta R.T. -0.01 min

Lab File: BG041523.D

Acq: 28 Jun 2019 21:42

Tgt Ion: 136 Resp: 90882

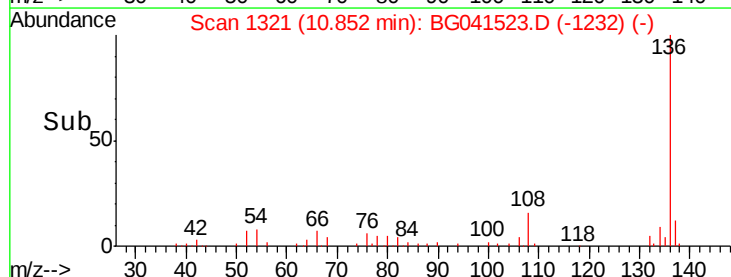
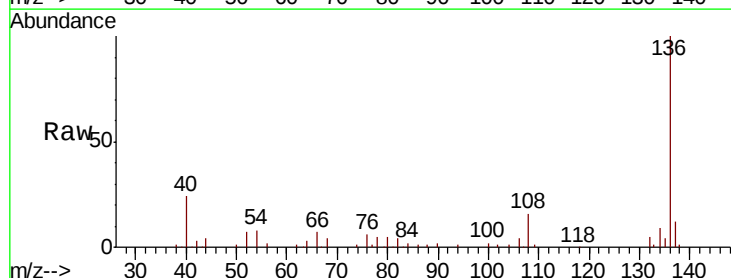
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.6 7.1 10.7

68 3.7 3.3 4.9



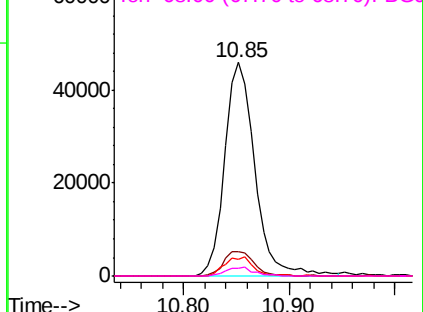
Abundance

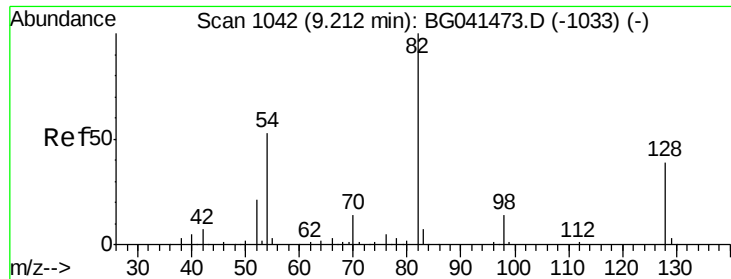
Ion 136.00 (135.70 to 136.70): BGC

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

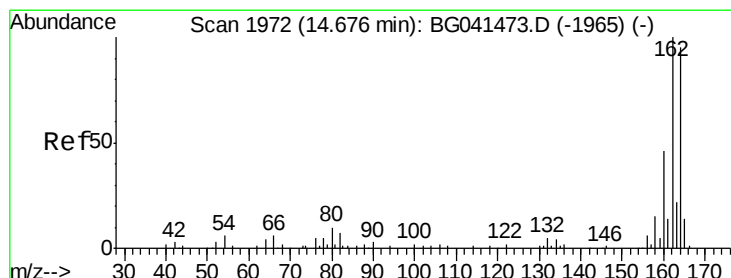
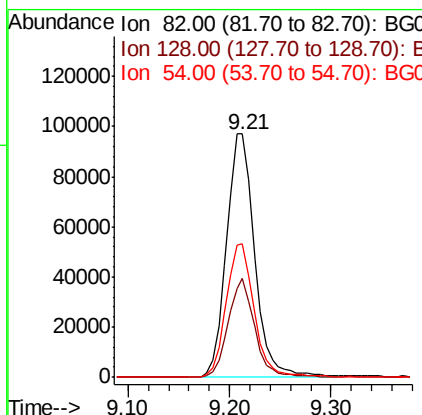
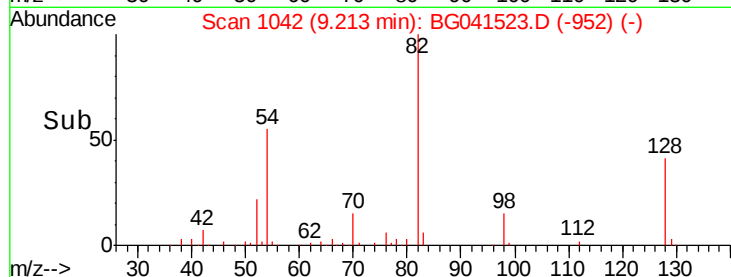
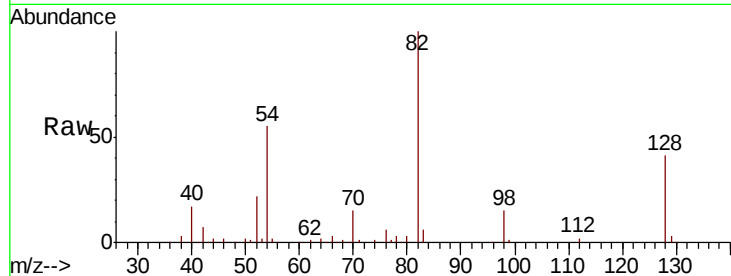




#23
 Nitrobenzene-d5
 Concen: 86.117 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041523.D
 Acq: 28 Jun 2019 21:42

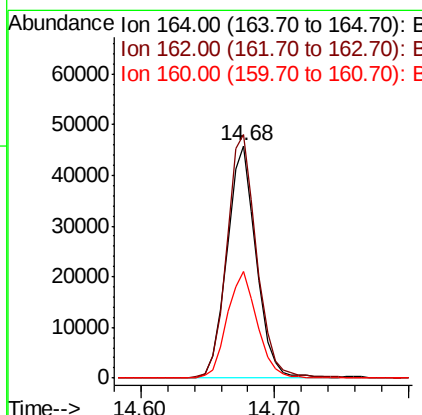
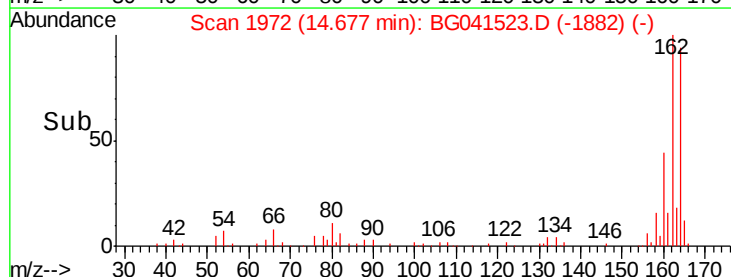
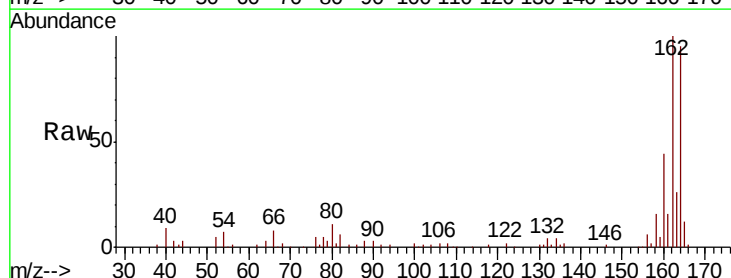
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP-2

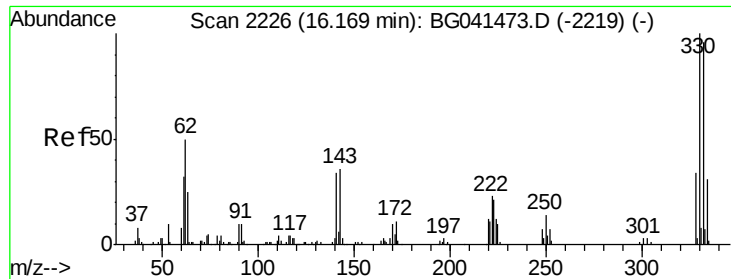
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.9	46.3
54	54.9	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG041523.D
 Acq: 28 Jun 2019 21:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.4	126.6
160	46.1	38.8	58.2

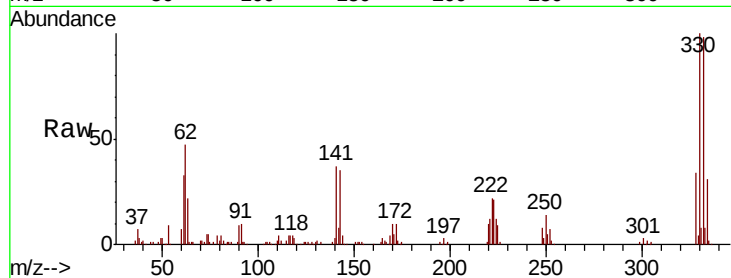




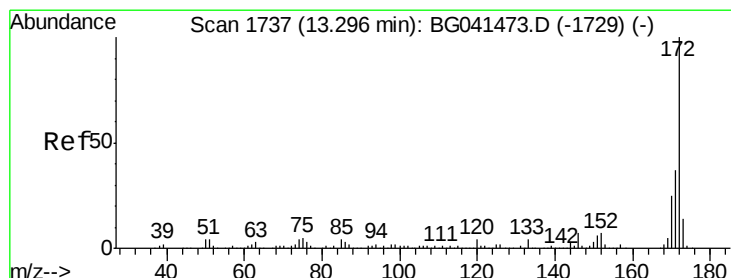
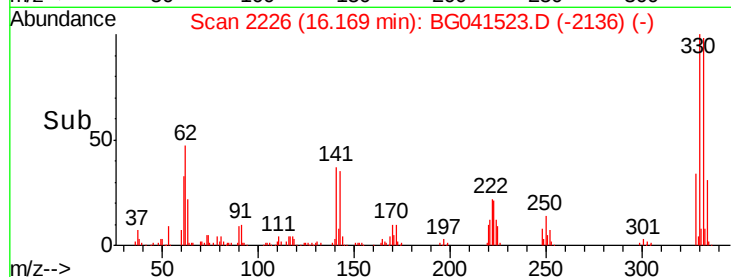
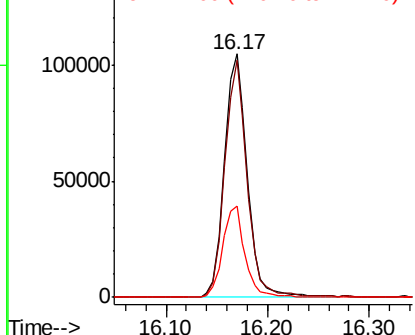
#42
 2,4,6-Tribromophenol
 Concen: 136.913 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041523.D
 Acq: 28 Jun 2019 21:42

Instrument :
 BNA_G
 ClientSampled :
 SOIL-COMP-2

Tgt Ion:330 Resp: 163880
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.5 113.3
 141 36.8 27.8 41.6

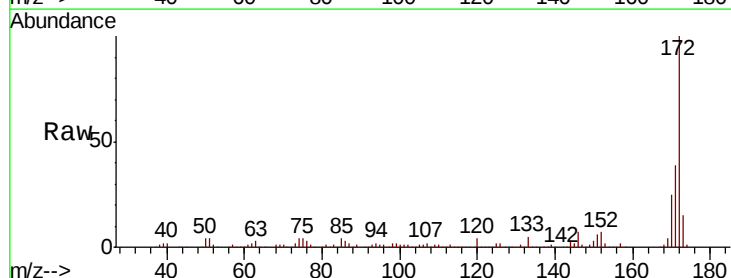


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

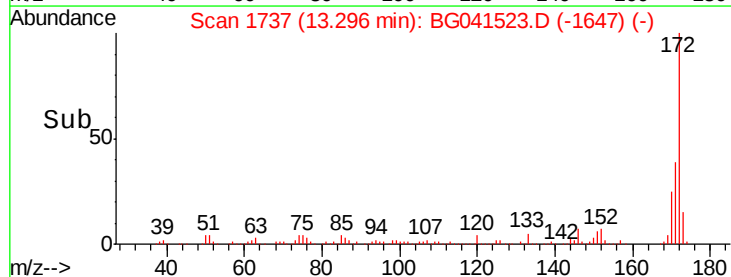
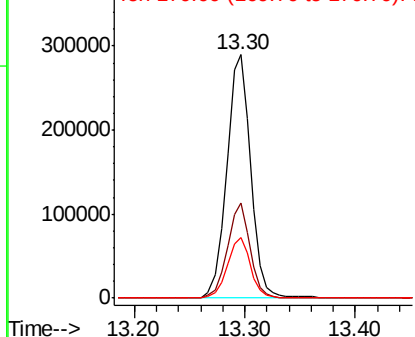


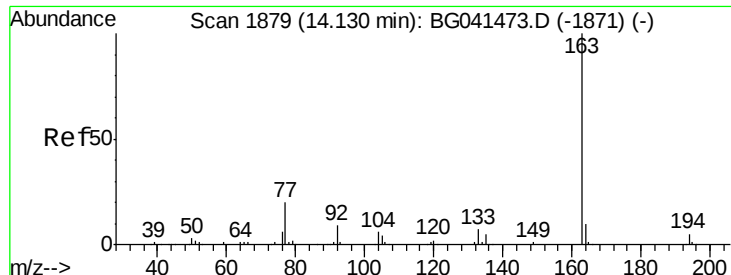
#45
 2-Fluorobiphenyl
 Concen: 80.448 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG041523.D
 Acq: 28 Jun 2019 21:42

Tgt Ion:172 Resp: 439481
 Ion Ratio Lower Upper
 172 100
 171 38.9 29.6 44.4
 170 25.0 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: 8.573 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041523.D

Acq: 28 Jun 2019 21:42

Instrument :

BNA_G

ClientSampleId :

SOIL-COMP-2

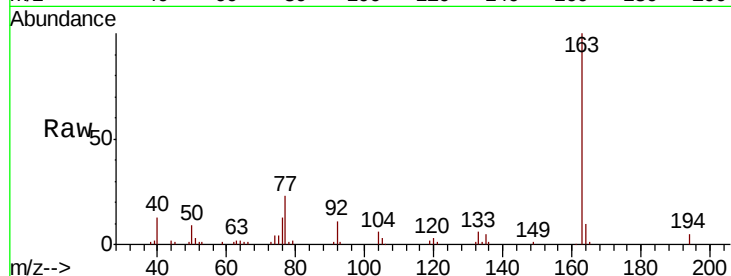
Tgt Ion:163 Resp: 54689

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

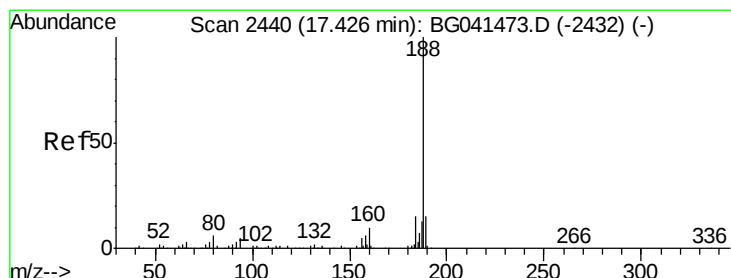
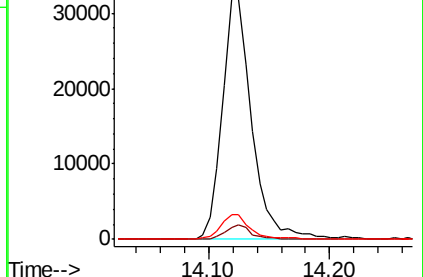
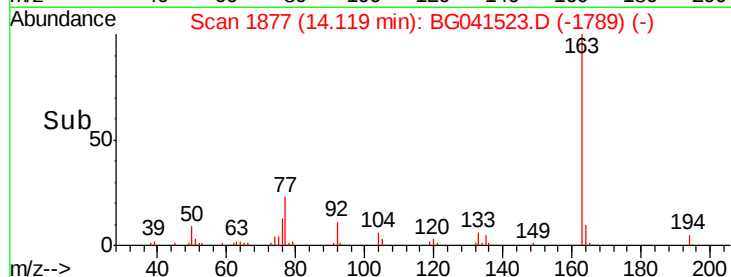
164 10.4 7.8 11.6



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# 2439

Delta R.T. -0.01 min

Lab File: BG041523.D

Acq: 28 Jun 2019 21:42

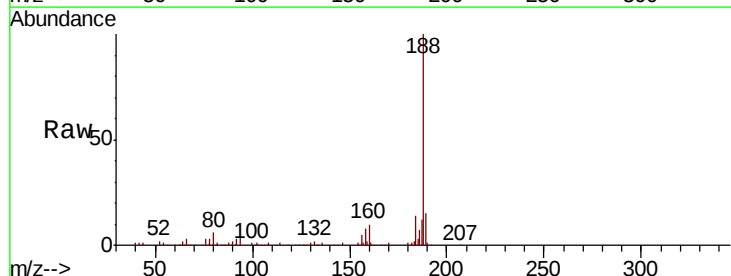
Tgt Ion:188 Resp: 193930

Ion Ratio Lower Upper

188 100

94 4.4 3.8 5.8

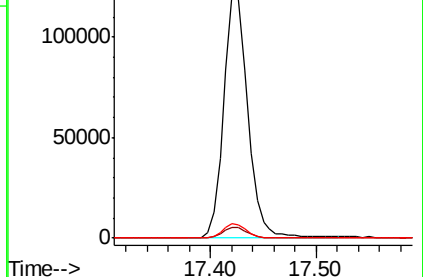
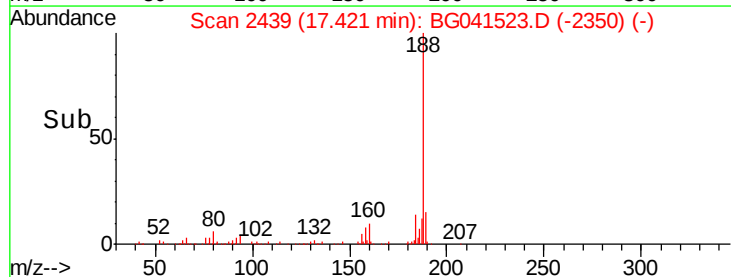
80 5.9 4.8 7.2

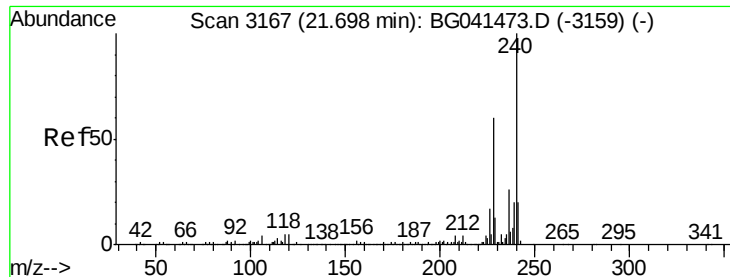


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

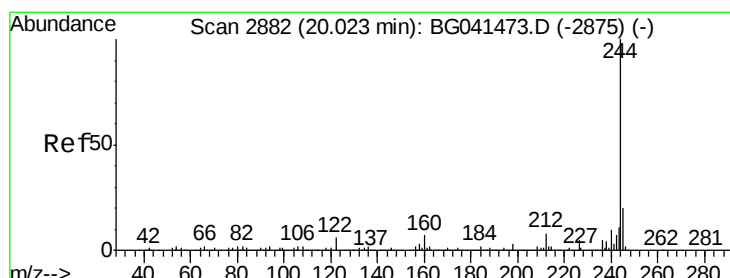
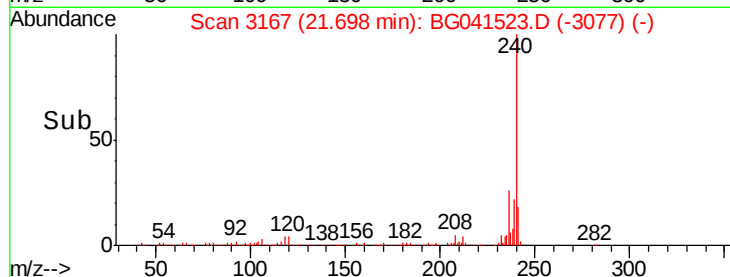
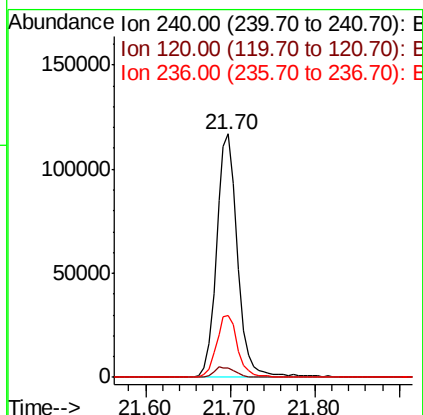
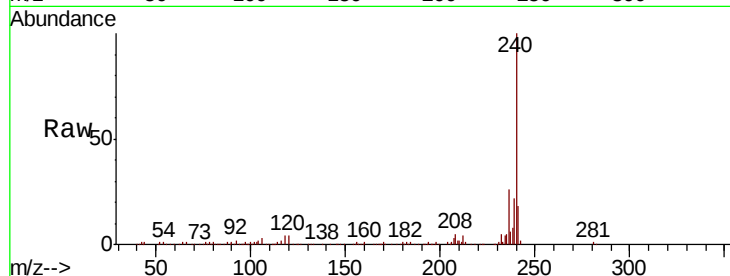




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG041523.D
Acq: 28 Jun 2019 21:42

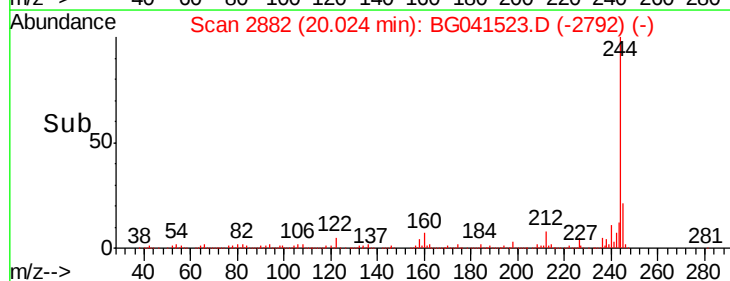
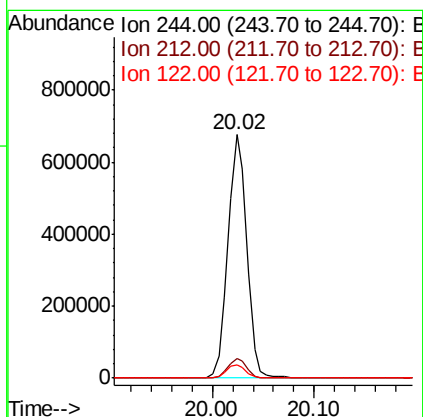
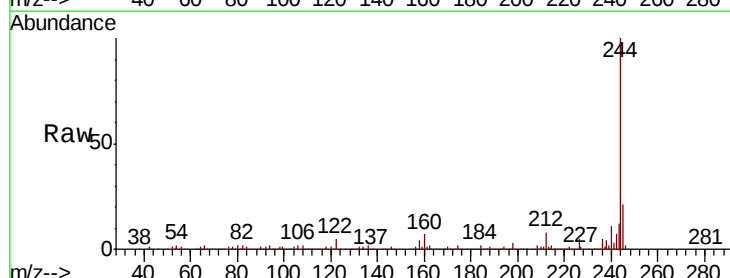
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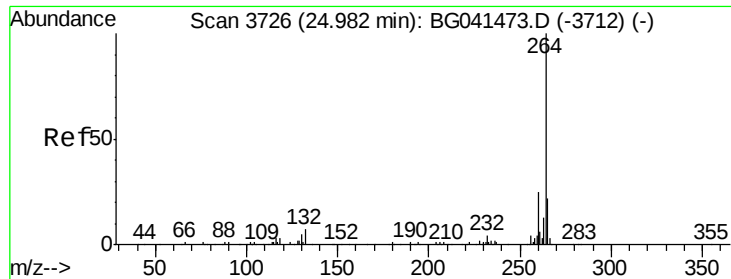
Tgt Ion:240 Resp: 203241
Ion Ratio Lower Upper
240 100
120 3.9 3.7 5.5
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 91.130 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG041523.D
Acq: 28 Jun 2019 21:42

Tgt Ion:244 Resp: 871555
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.4
122 5.4 4.8 7.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG041523.D
Acq: 28 Jun 2019 21:42

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.7	29.5
265	20.0	17.4	26.2

