

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
 Data File : BG041454.D
 Acq On : 25 Jun 2019 21:34
 Operator : HP/JU
 Sample : K3475-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOILS-2

Quant Time: Jun 26 05:03:17 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	8.04	152	32619	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	114450	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	81711	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	211648	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	219577	20.00	ng	-0.04
87) Perylene-d12	24.99	264	231152	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	245436	138.25	ng	-0.03
7) Phenol-d6	7.20	99	322610	125.37	ng	-0.03
23) Nitrobenzene-d5	9.22	82	264830	97.32	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	186133	148.38	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	616078	102.48	ng	-0.04
79) Terphenyl-d14	20.03	244	1175711	106.11	ng	-0.03

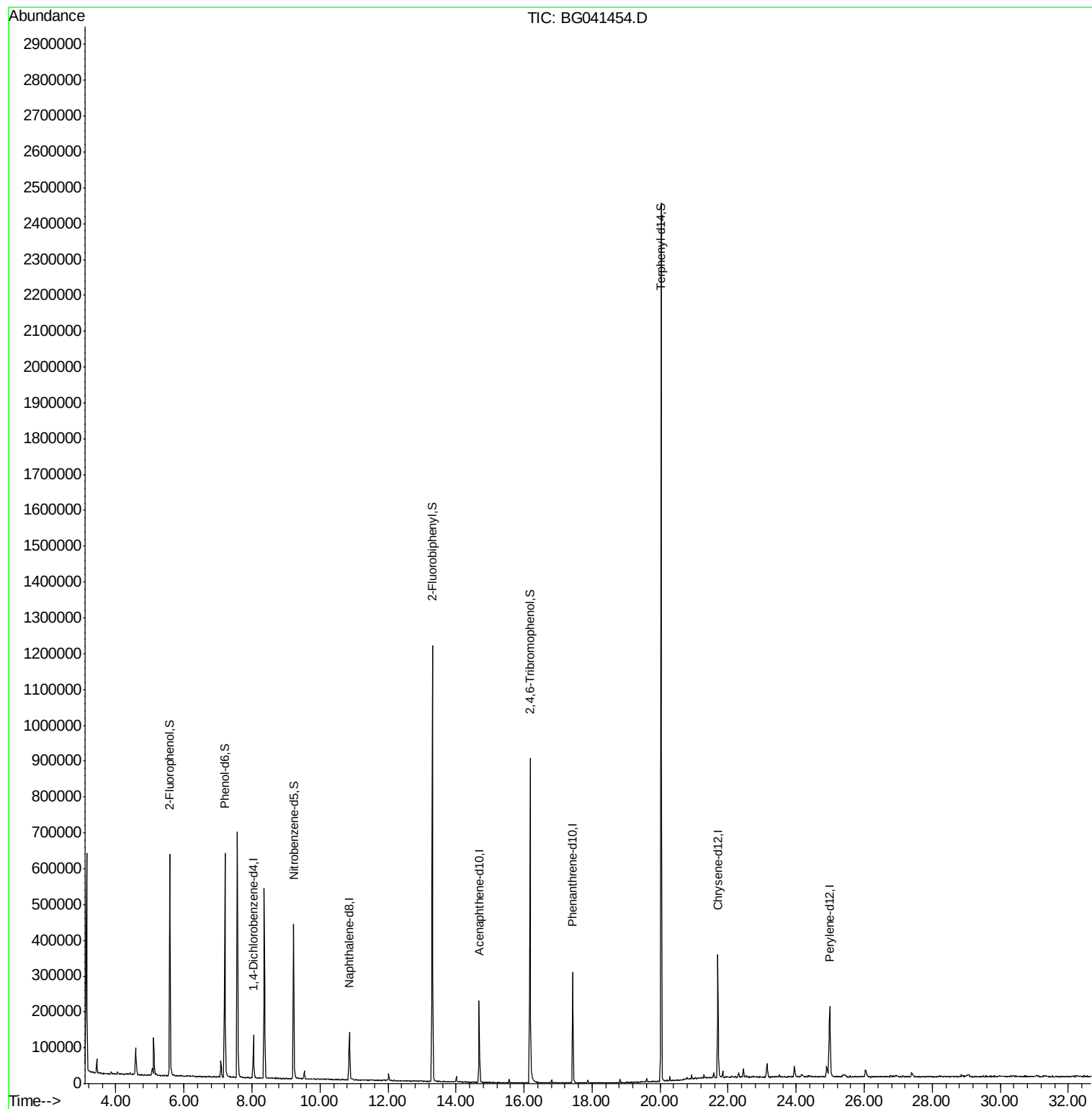
Target Compounds Qvalue

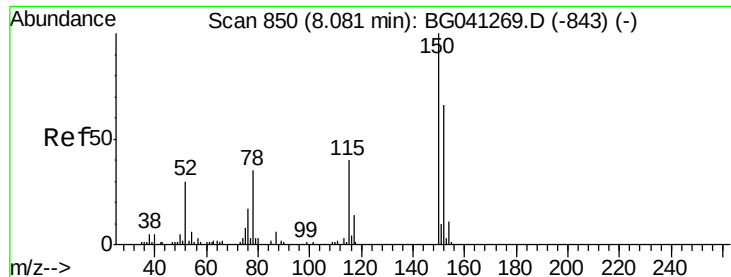
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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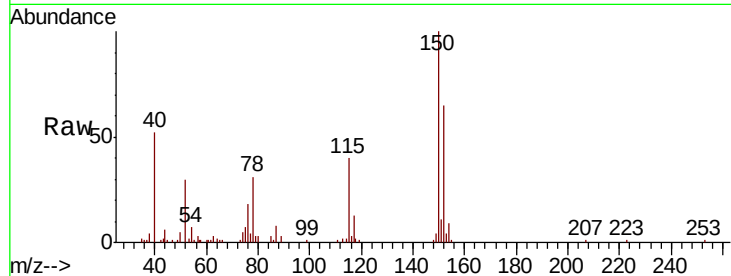


#1

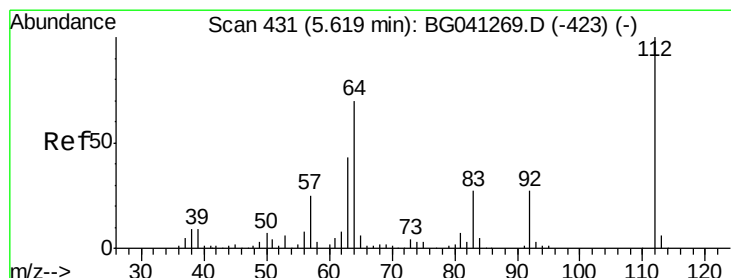
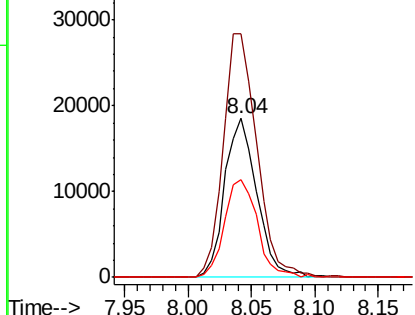
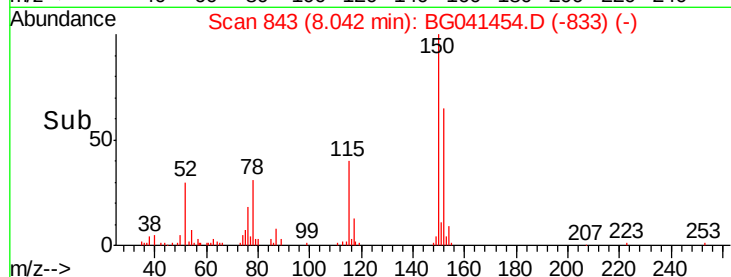
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041454.D
Acq: 25 Jun 2019 21:34

Instrument :
BNA_G
ClientSampleId :
SOILS-2

Tot Ion:152 Resp: 32619
Ion Ratio Lower Upper
152 100
150 153.5 120.6 181.0
115 61.8 47.9 71.9



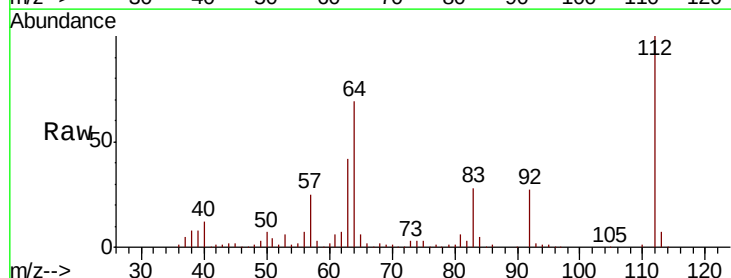
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



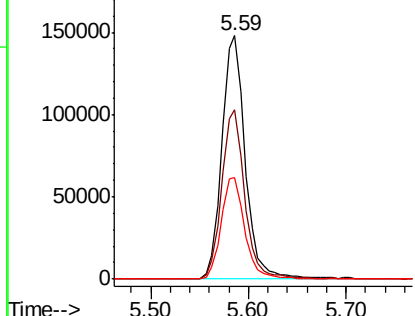
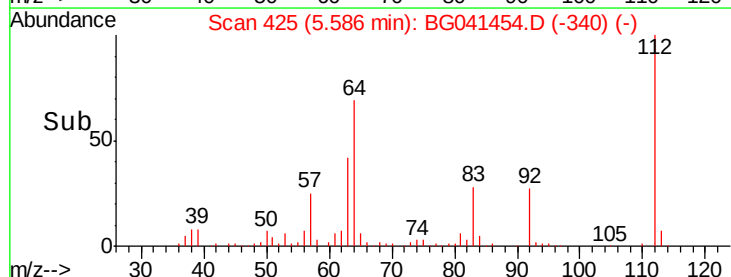
#5

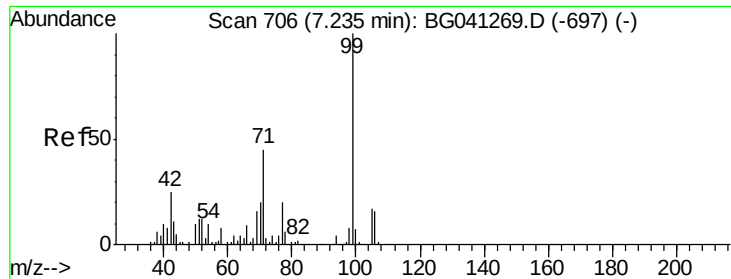
2-Fluorophenol
Concen: 138.253 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041454.D
Acq: 25 Jun 2019 21:34

Tgt Ion:112 Resp: 245436
Ion Ratio Lower Upper
112 100
64 69.4 55.9 83.9
63 41.7 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: 125.370 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041454.D

Acq: 25 Jun 2019 21:34

Instrument :

BNA_G

ClientSampled :

SOILS-2

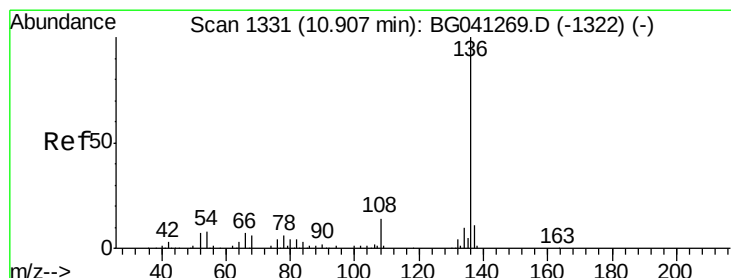
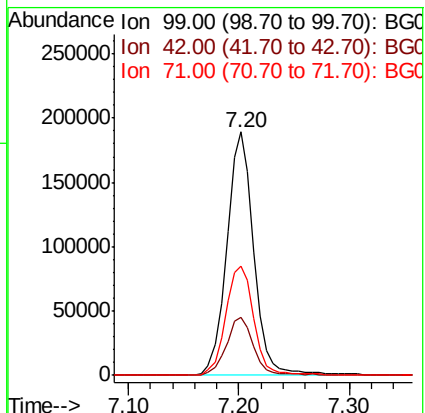
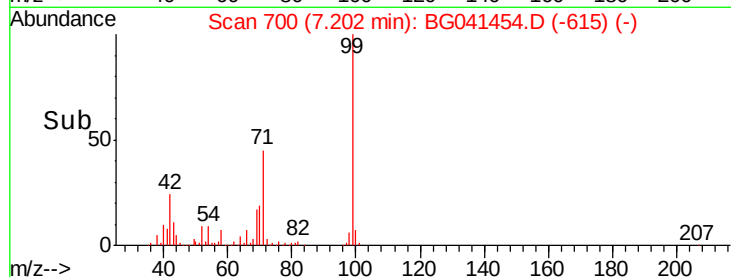
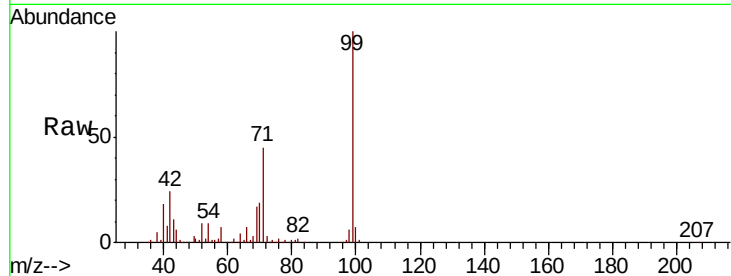
Tot Ion: 99 Resp: 322610

Ion Ratio Lower Upper

99 100

42 23.8 19.9 29.9

71 44.9 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BG041454.D

Acq: 25 Jun 2019 21:34

Tgt Ion: 136 Resp: 114450

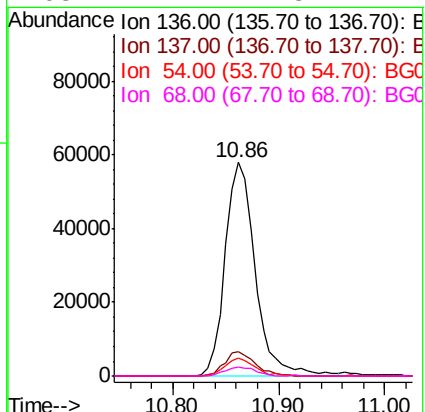
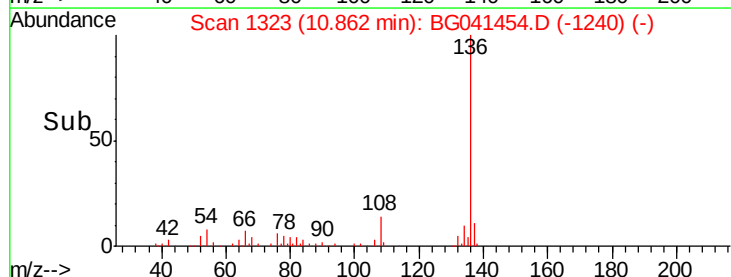
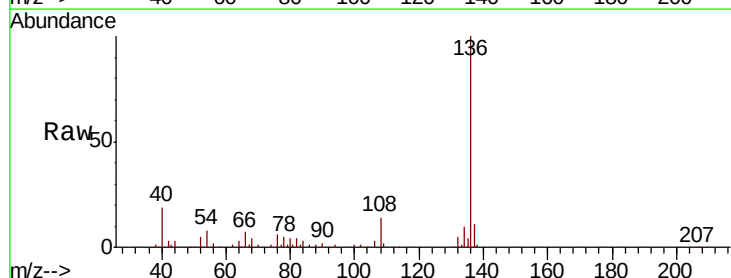
Ion Ratio Lower Upper

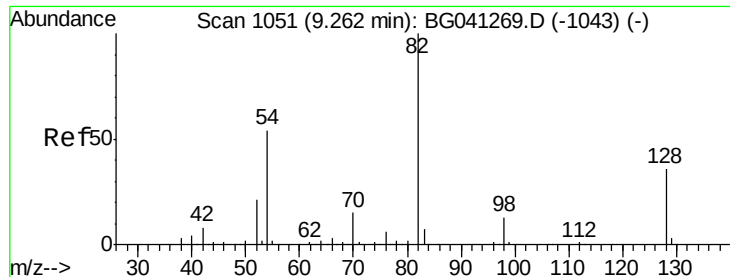
136 100

137 11.4 8.8 13.2

54 8.3 6.4 9.6

68 4.1 4.8 7.2#

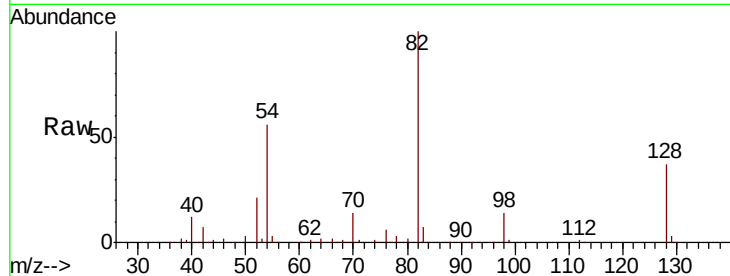




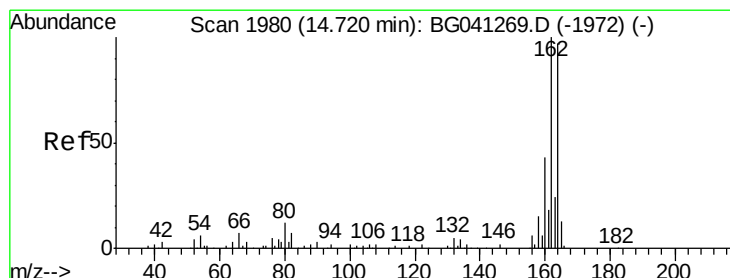
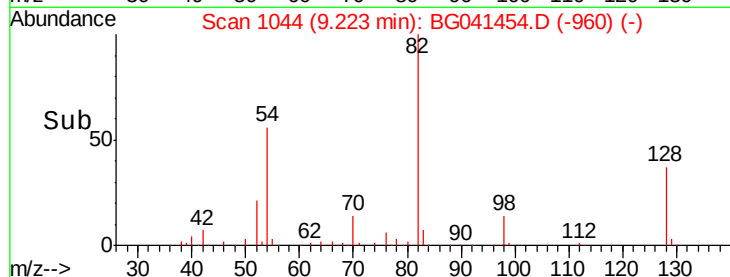
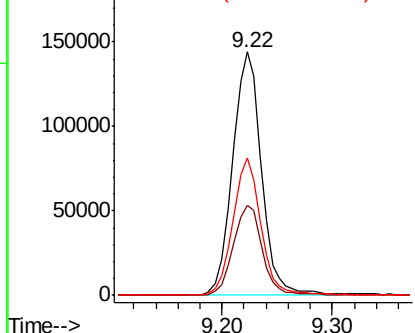
#23
Nitrobenzene-d5
Concen: 97.315 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041454.D
Acq: 25 Jun 2019 21:34

Instrument :
BNA_G
ClientSampleId :
SOILS-2

Tot Ion: 82 Resp: 264830
Ion Ratio Lower Upper
82 100
128 36.9 29.2 43.8
54 56.3 43.4 65.0

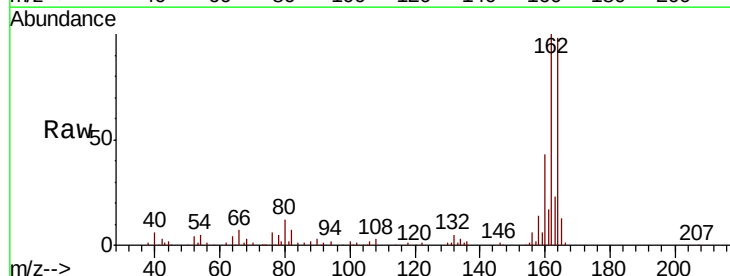


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

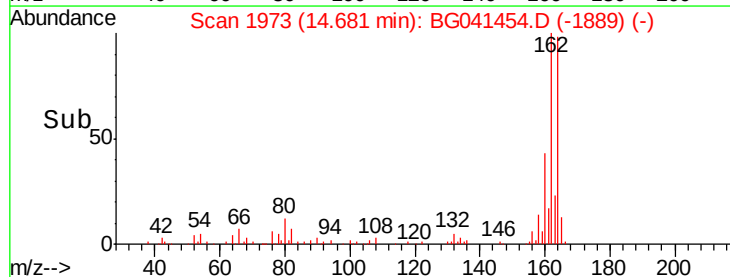
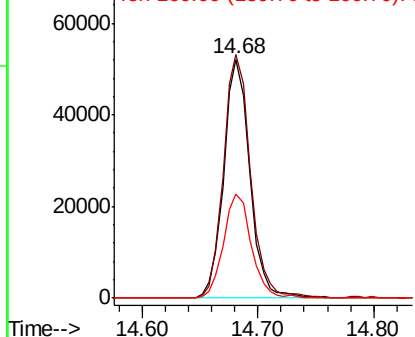


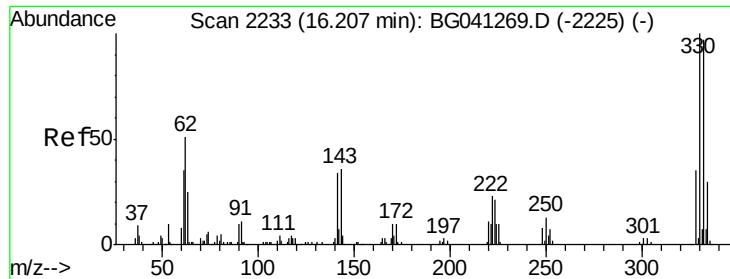
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041454.D
Acq: 25 Jun 2019 21:34

Tgt Ion: 164 Resp: 81711
Ion Ratio Lower Upper
164 100
162 102.0 82.8 124.2
160 43.8 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

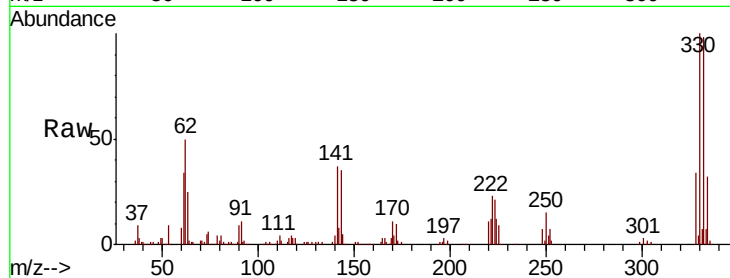




#42
 2,4,6-Tribromophenol
 Concen: 148.379 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BG041454.D
 Acq: 25 Jun 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 SOILS-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.5	113.3
141	36.8	29.0	43.4

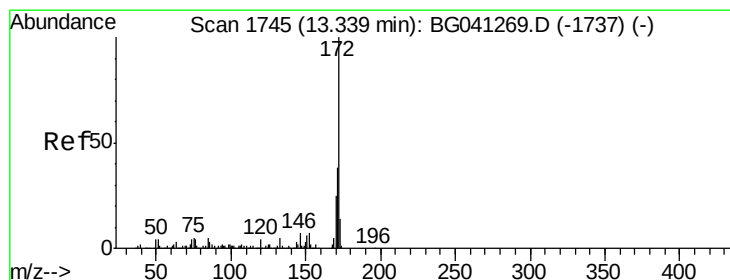
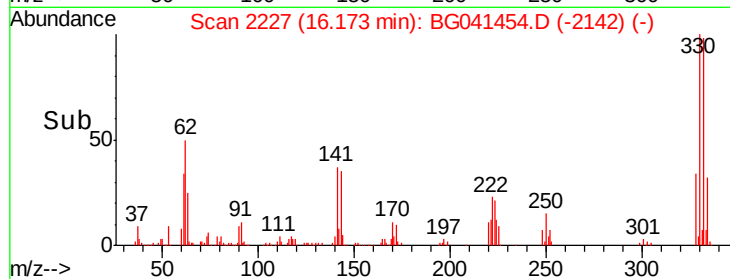
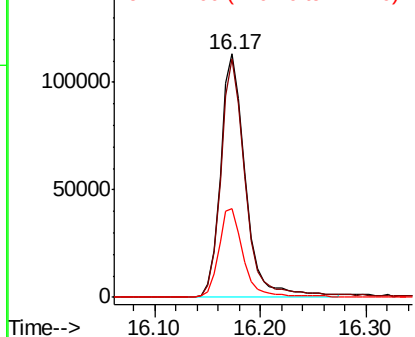


Abundance

Ion 329.80 (329.50 to 330.50): E

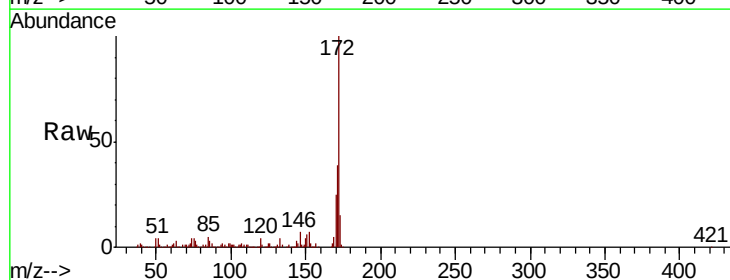
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.477 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.04 min
 Lab File: BG041454.D
 Acq: 25 Jun 2019 21:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.1	19.8	29.6

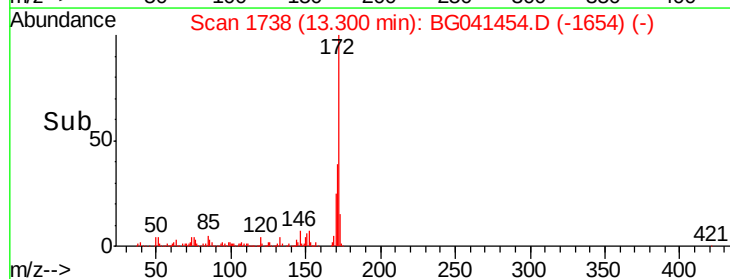
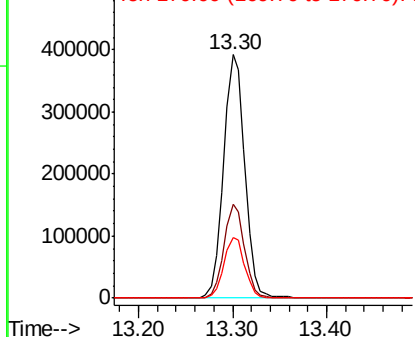


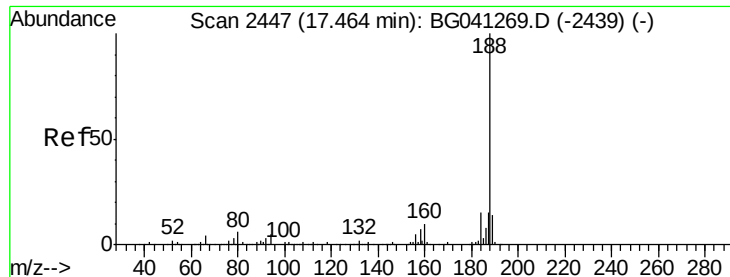
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041454.D

Acq: 25 Jun 2019 21:34

Instrument :

BNA_G

ClientSampleId :

SOILS-2

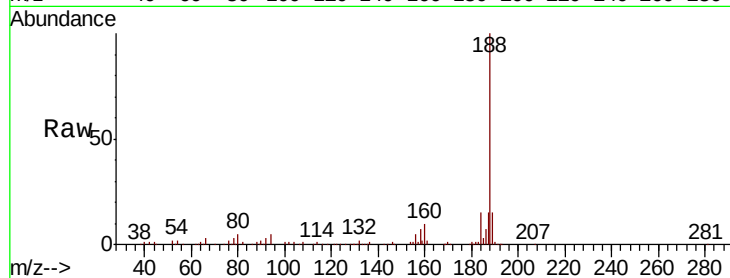
Tot Ion:188 Resp: 211648

Ion Ratio Lower Upper

188 100

94 4.5 3.6 5.4

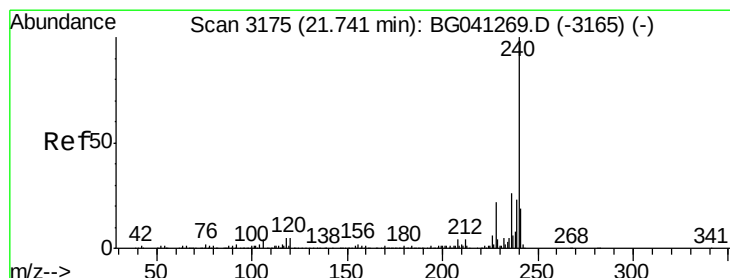
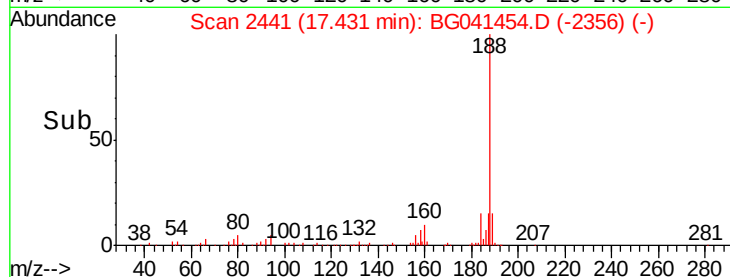
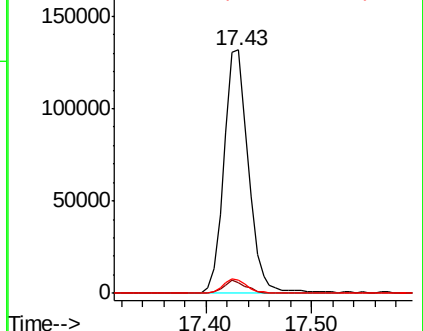
80 5.5 4.8 7.2



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: 21.70 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG041454.D

Acq: 25 Jun 2019 21:34

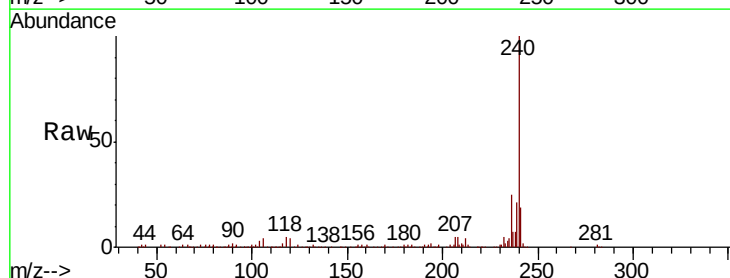
Tgt Ion:240 Resp: 219577

Ion Ratio Lower Upper

240 100

120 4.0 3.7 5.5

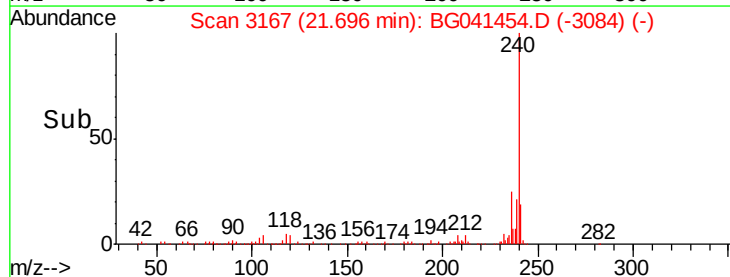
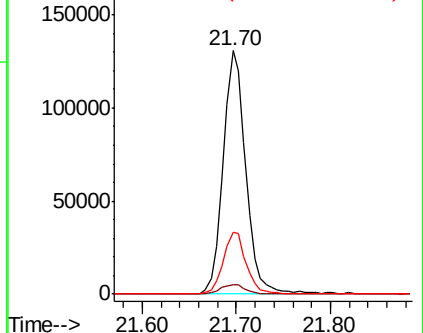
236 25.2 21.1 31.7

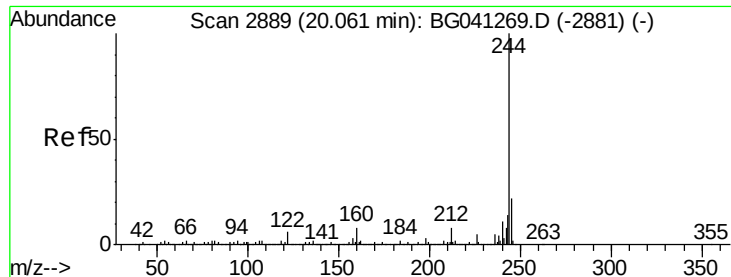


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.114 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041454.D

Acq: 25 Jun 2019 21:34

Instrument :

BNA_G

ClientSampleId :

SOILS-2

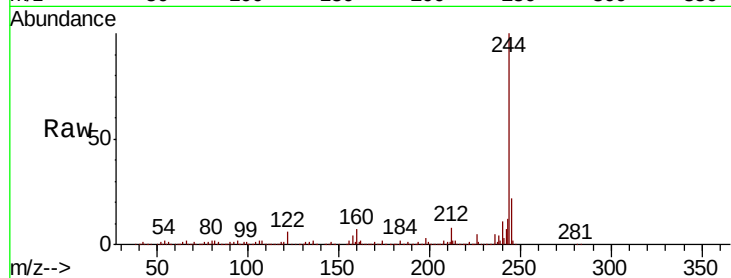
Tot Ion:244 Resp: 1175711

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

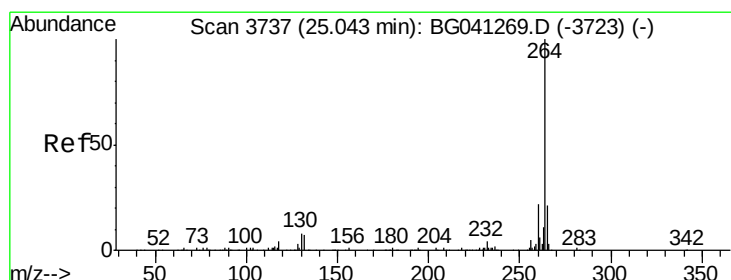
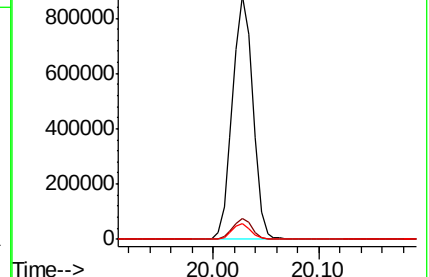
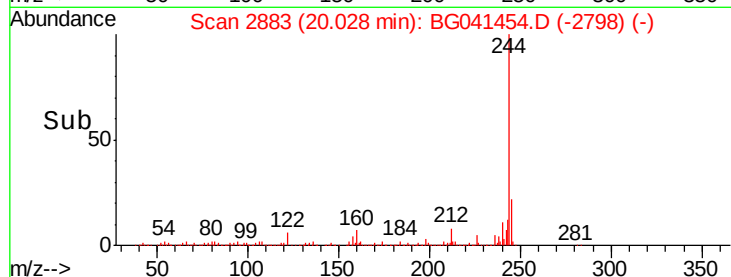
122 6.5 5.0 7.4



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: 24.99 min Scan# 3727

Delta R.T. -0.06 min

Lab File: BG041454.D

Acq: 25 Jun 2019 21:34

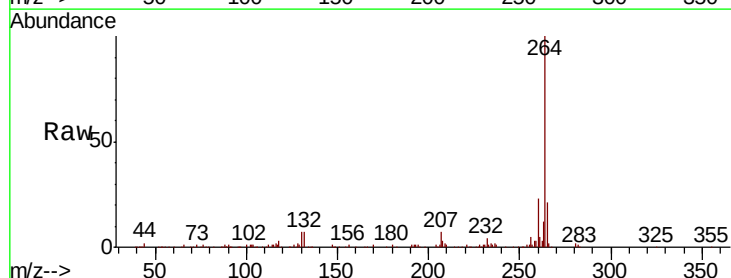
Tgt Ion:264 Resp: 231152

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.2

265 21.3 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

