

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040255.D
 Acq On : 30 Mar 2019 10:35
 Operator : JU/SJ
 Sample : K2125-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP

Quant Time: Apr 01 02:07:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

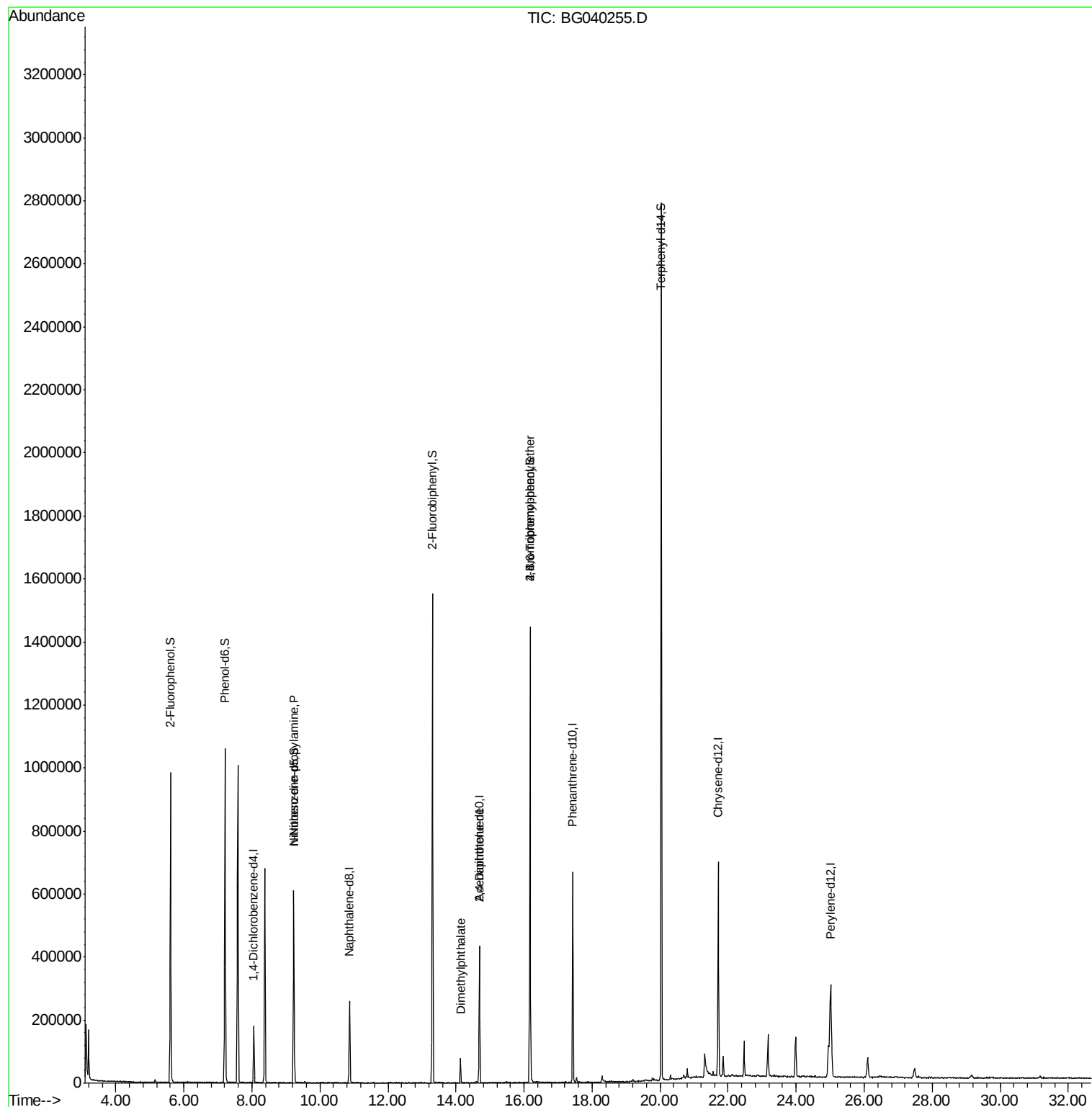
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51597	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	224058	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	152720	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	398887	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	399362	20.00	ng	-0.02
87) Perylene-d12	25.01	264	405099	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	440601	141.96	ng	0.00
7) Phenol-d6	7.21	99	633002	147.57	ng	-0.02
23) Nitrobenzene-d5	9.23	82	364748	86.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	251028	152.09	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	840576	81.56	ng	-0.02
79) Terphenyl-d14	20.03	244	1344006	75.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	45768	14.882	ng	Qvalue # 74
50) Dimethylphthalate	14.13	163	52524	4.394	ng	99
57) 2,4-Dinitrotoluene	14.69	165	18977	5.089	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	19165	4.269	ng	# 1

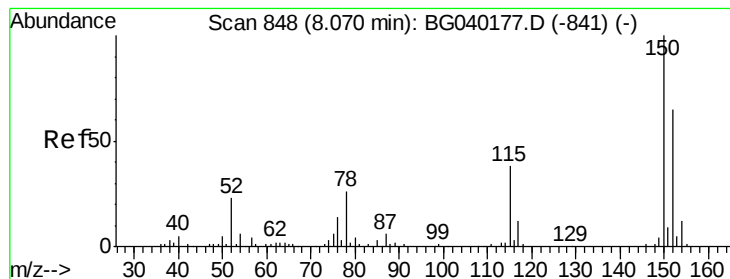
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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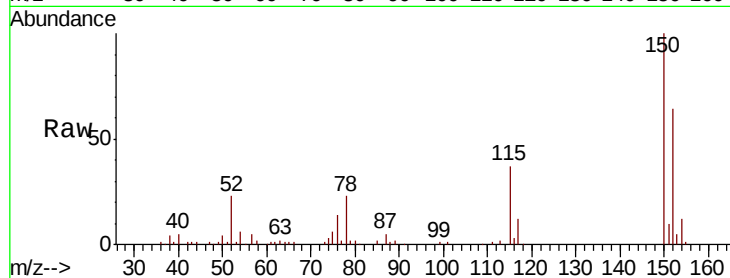




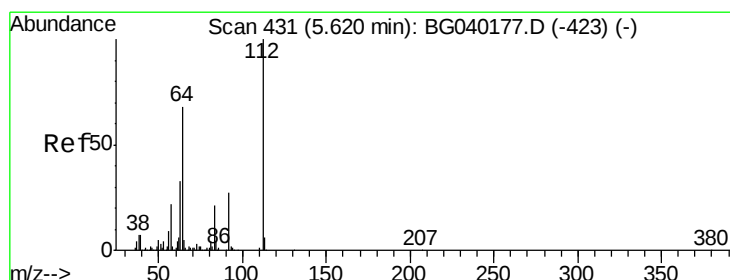
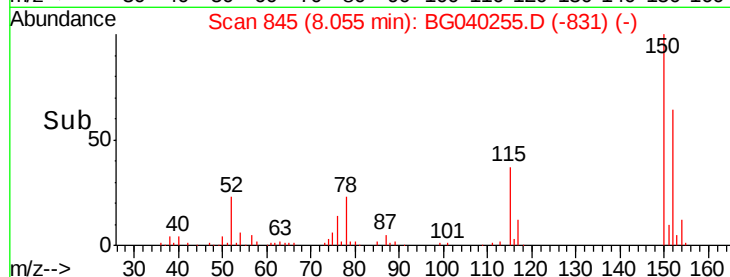
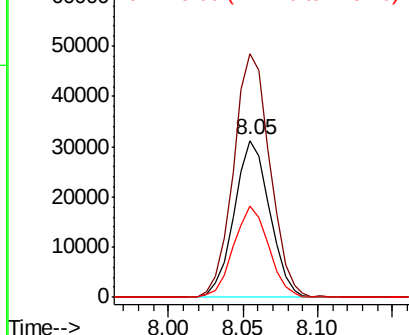
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BG040255.D
 Acq: 30 Mar 2019 10:35

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP

Tgt Ion:152 Resp: 51597
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.7 185.5
 115 58.0 46.9 70.3

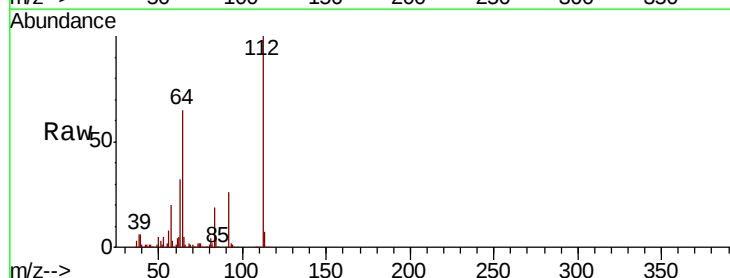


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

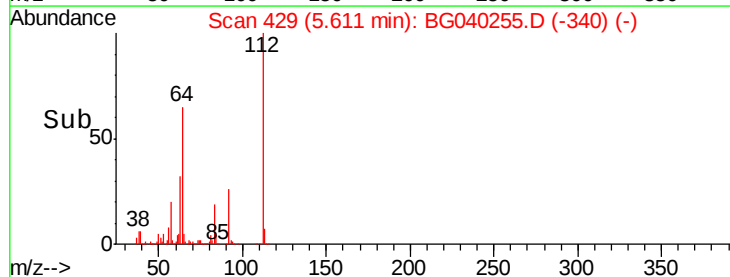
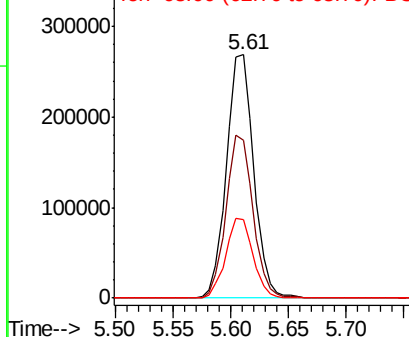


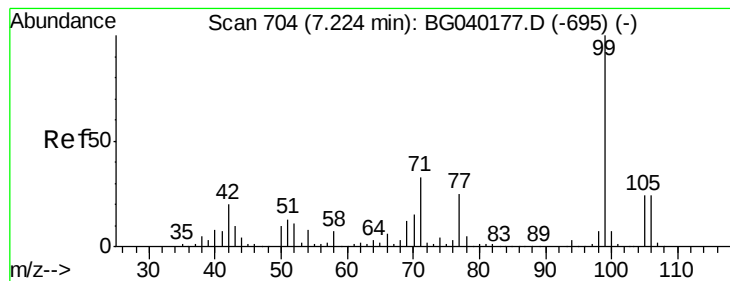
#5
 2-Fluorophenol
 Concen: 141.958 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BG040255.D
 Acq: 30 Mar 2019 10:35

Tgt Ion:112 Resp: 440601
 Ion Ratio Lower Upper
 112 100
 64 64.9 54.2 81.2
 63 32.0 26.4 39.6



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: 147.573 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040255.D

Acq: 30 Mar 2019 10:35

Instrument :

BNA_G

ClientSampleId :

SOIL-COMP

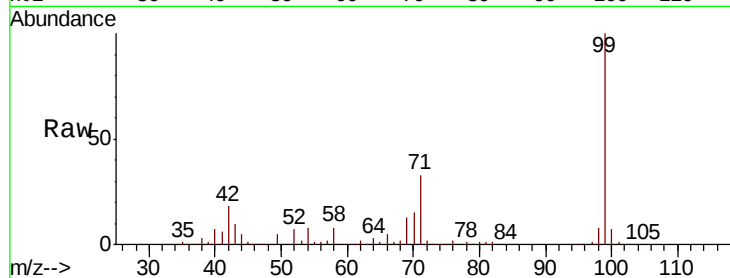
Tgt Ion: 99 Resp: 633002

Ion Ratio Lower Upper

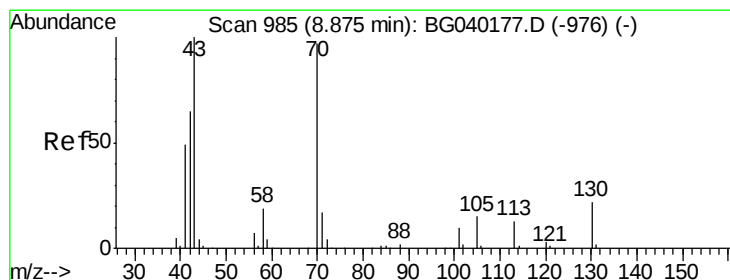
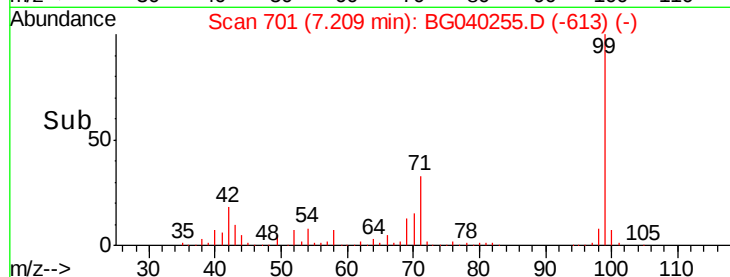
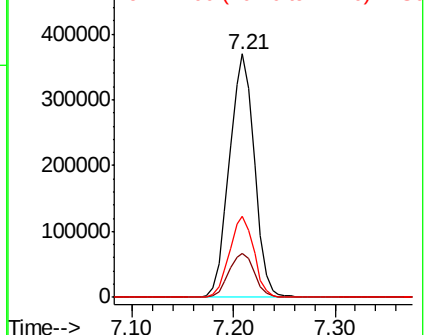
99 100

42 18.3 16.2 24.2

71 33.4 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.882 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG040255.D

Acq: 30 Mar 2019 10:35

Tgt Ion: 70 Resp: 45768

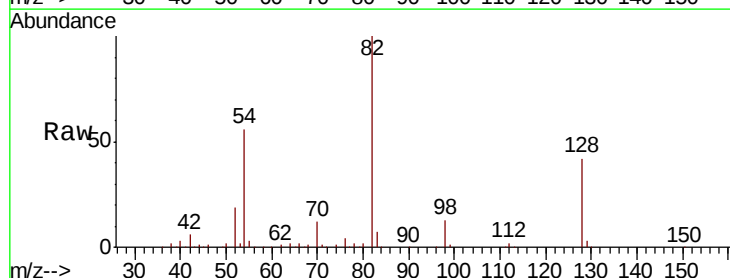
Ion Ratio Lower Upper

70 100

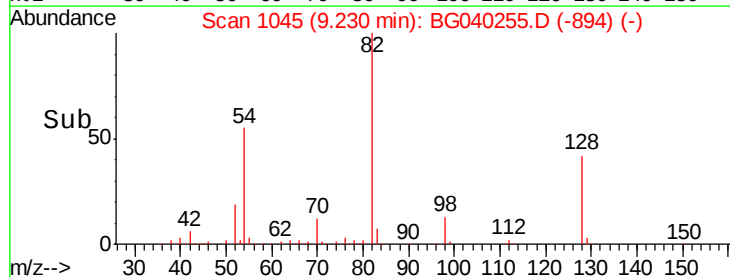
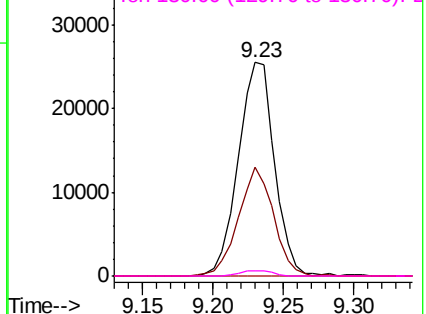
42 51.2 54.0 81.0#

101 0.0 8.6 13.0#

130 2.3 18.2 27.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

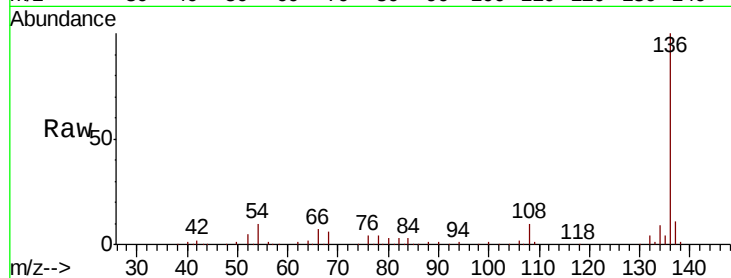




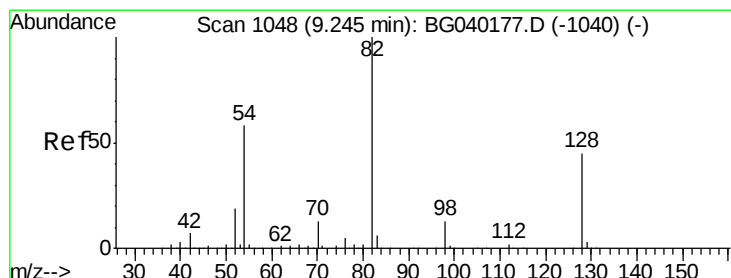
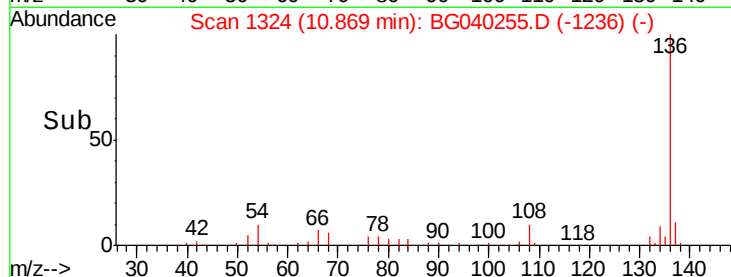
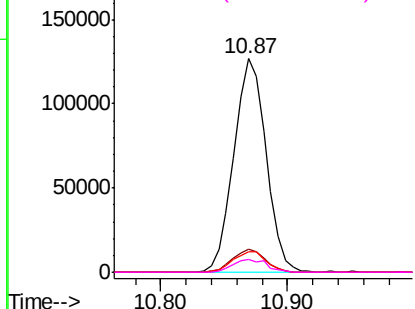
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040255.D
Acq: 30 Mar 2019 10:35

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP

Tgt Ion:	136	Resp:	224058
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	9.6	14.4
68	6.0	5.1	7.7

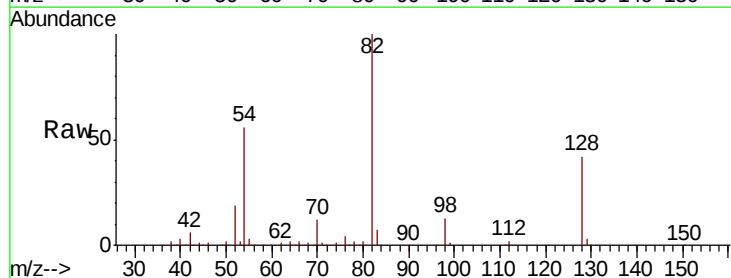


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

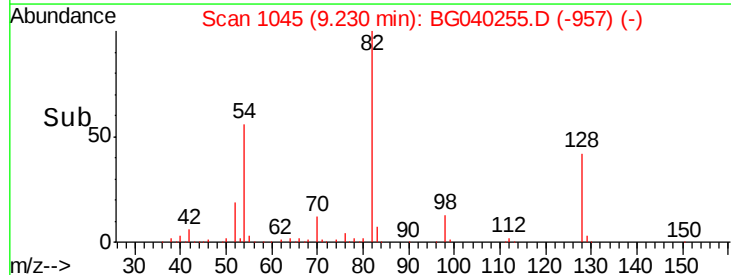
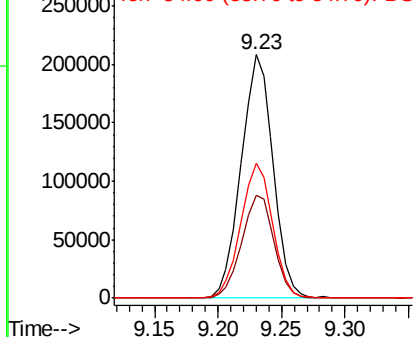


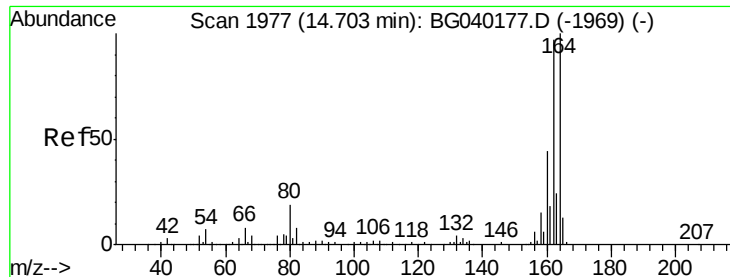
#23
Nitrobenzene-d5
Concen: 86.529 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040255.D
Acq: 30 Mar 2019 10:35

Tgt Ion:	82	Resp:	364748
Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.8	53.8
54	55.5	46.2	69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040255.D

Acq: 30 Mar 2019 10:35

Instrument :

BNA_G

ClientSampleId :

SOIL-COMP

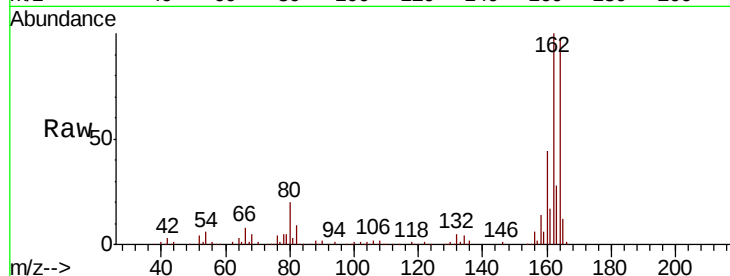
Tgt Ion:164 Resp: 152720

Ion Ratio Lower Upper

164 100

162 102.9 77.4 116.2

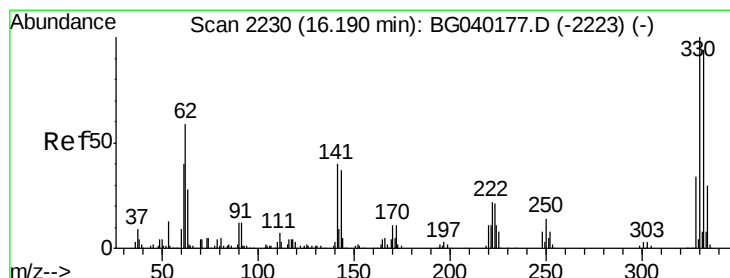
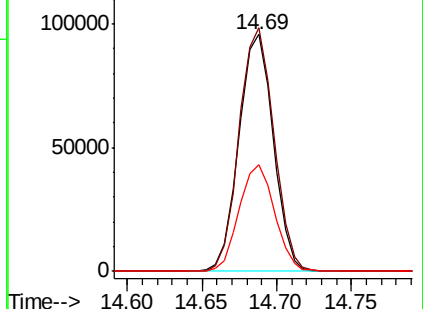
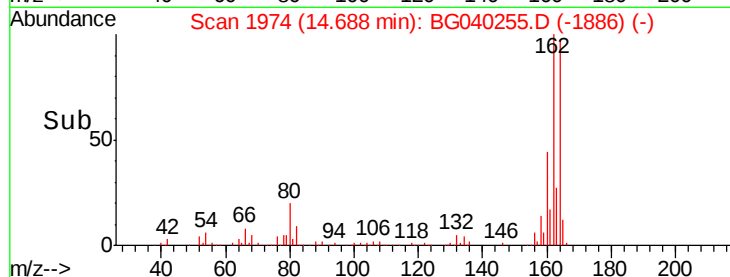
160 44.8 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 152.092 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040255.D

Acq: 30 Mar 2019 10:35

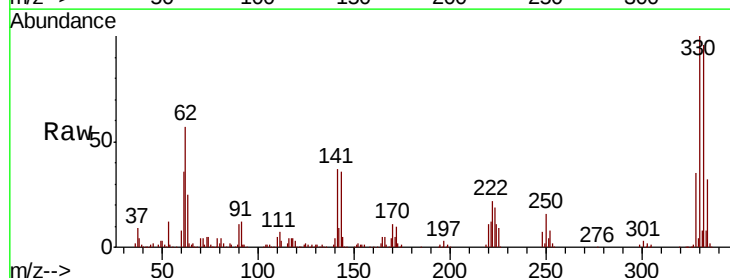
Tgt Ion:330 Resp: 251028

Ion Ratio Lower Upper

330 100

332 98.3 76.6 115.0

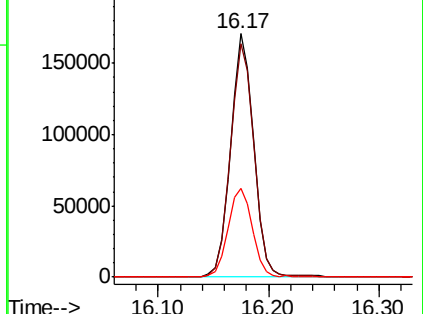
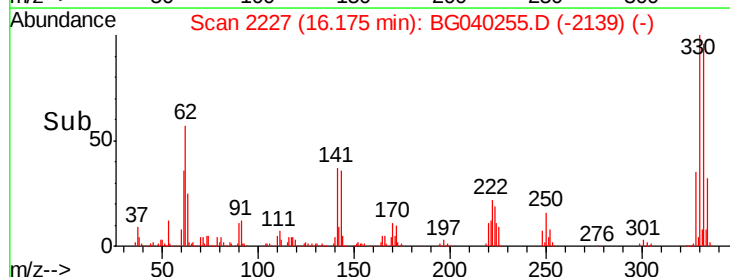
141 38.6 32.6 48.8

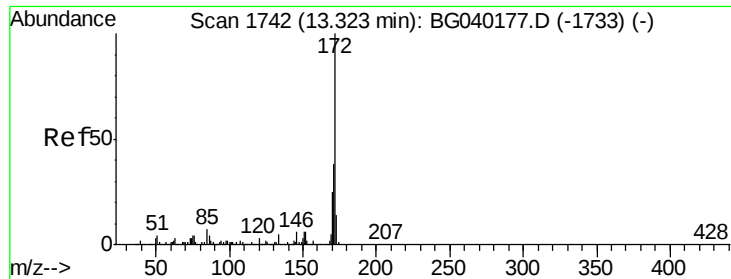


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

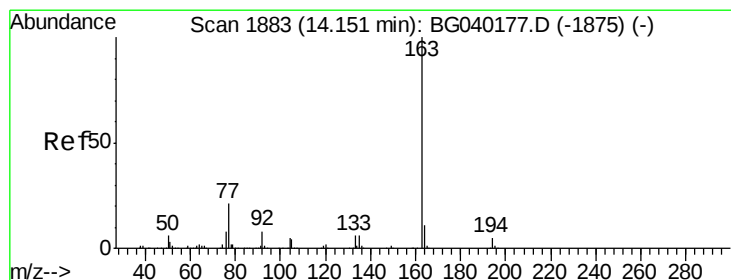
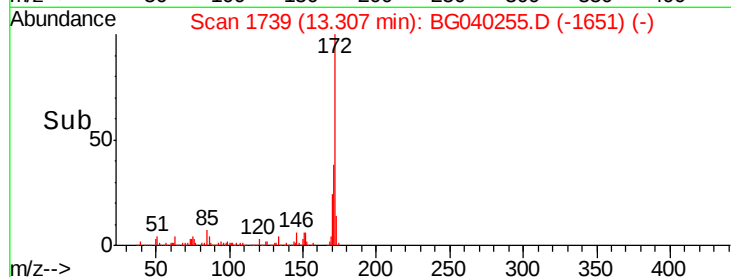
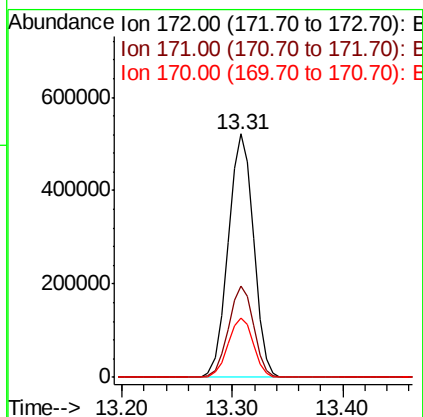
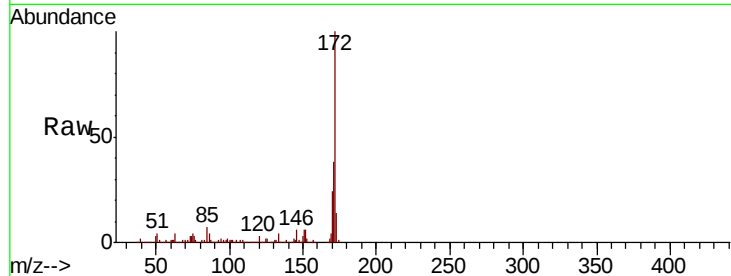




#45
2-Fluorobiphenyl
Concen: 81.557 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040255.D
Acq: 30 Mar 2019 10:35

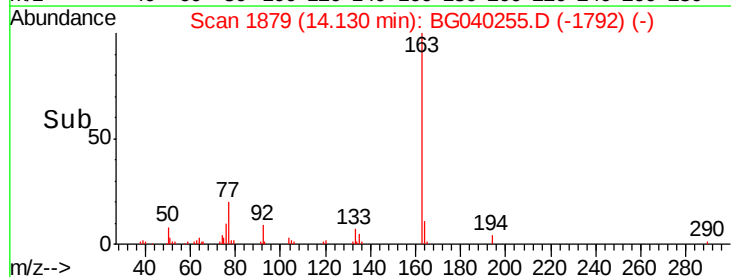
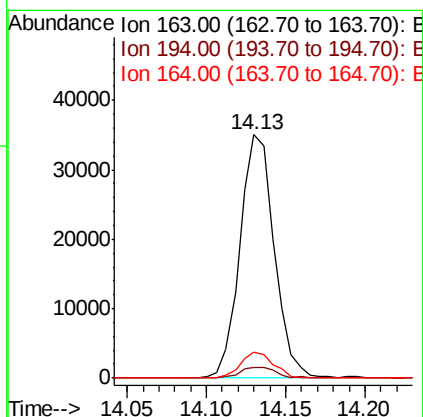
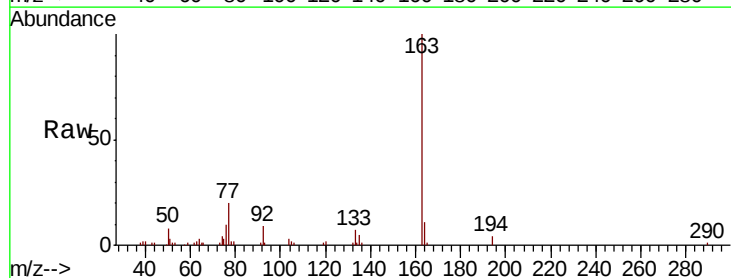
Instrument :
BNA_G
ClientSampleId :
SOIL-COMP

Tgt Ion:172 Resp: 840576
Ion Ratio Lower Upper
172 100
171 37.6 30.5 45.7
170 24.3 20.1 30.1



#50
Dimethylphthalate
Concen: 4.394 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040255.D
Acq: 30 Mar 2019 10:35

Tgt Ion:163 Resp: 52524
Ion Ratio Lower Upper
163 100
194 4.3 4.1 6.1
164 10.6 8.6 13.0

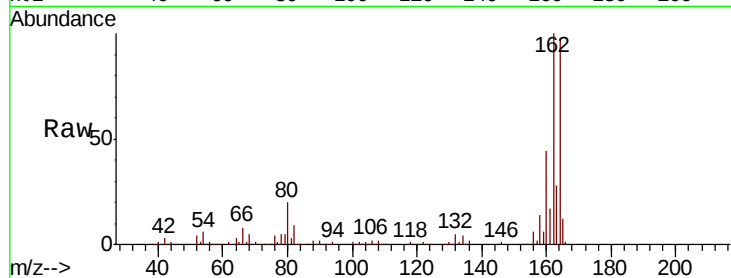




#57
 2,4-Dinitrotoluene
 Concen: 5.089 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040255.D
 Acq: 30 Mar 2019 10:35

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	1.3	55.4	83.2#
182	0.0	2.2	3.4#

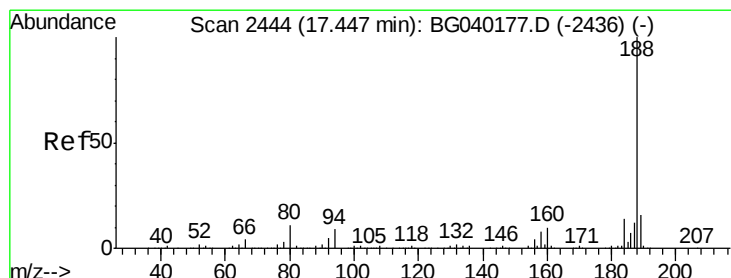
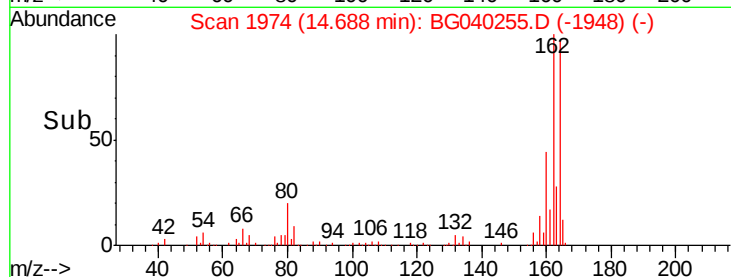
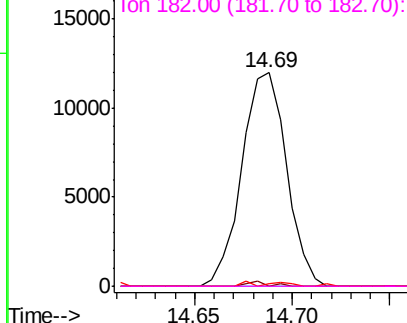


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

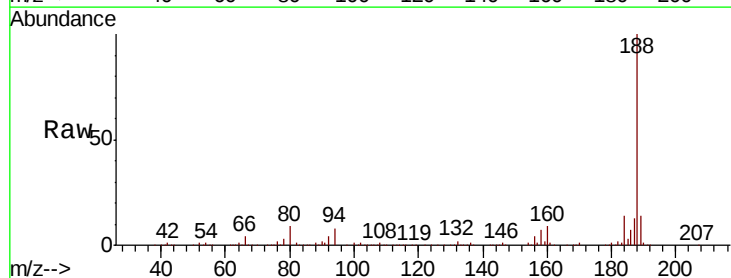
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040255.D
 Acq: 30 Mar 2019 10:35

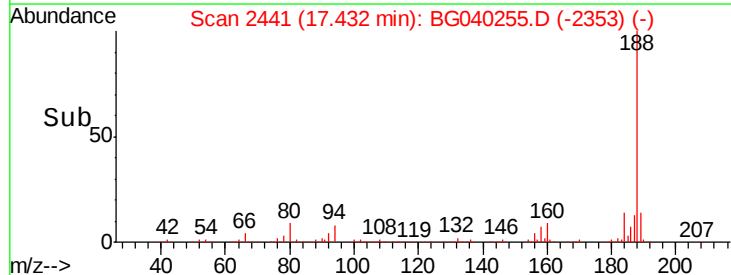
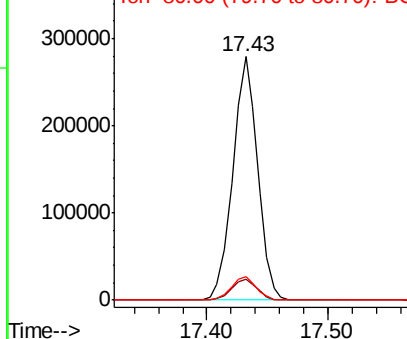
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	9.5	8.6	13.0



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

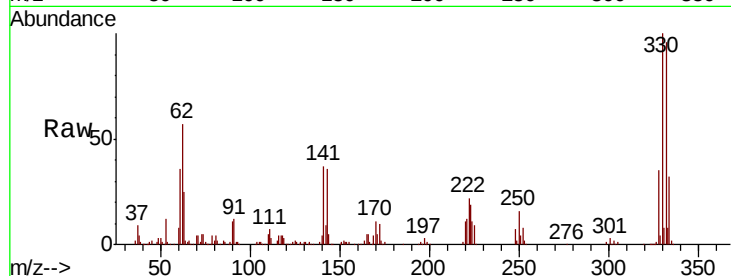




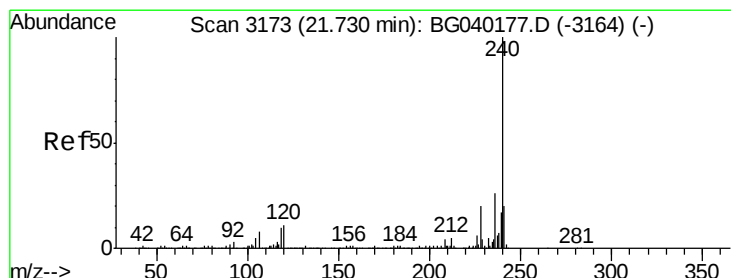
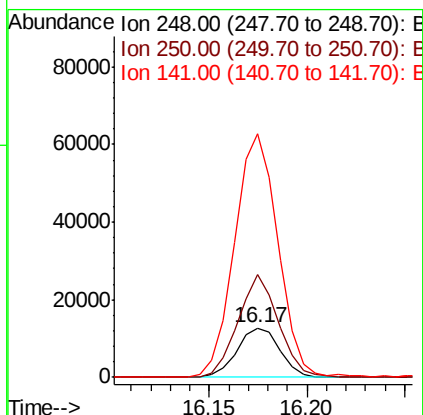
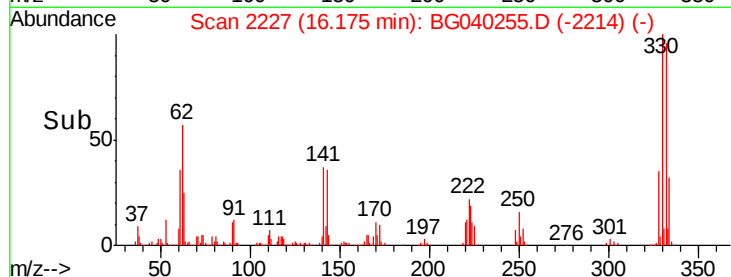
#67
 4-Bromophenyl-phenylether
 Concen: 4.269 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040255.D
 Acq: 30 Mar 2019 10:35

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP

Tgt Ion:248 Resp: 19165
 Ion Ratio Lower Upper
 248 100
 250 207.5 76.4 114.6#
 141 490.9 53.8 80.8#

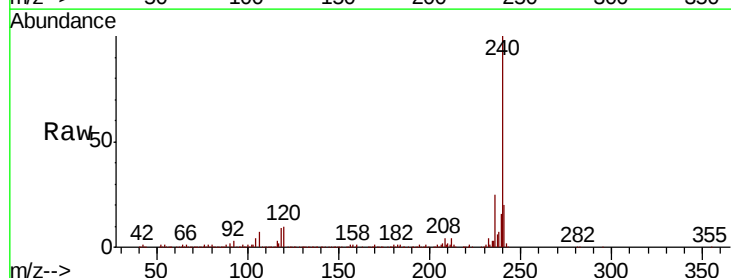


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

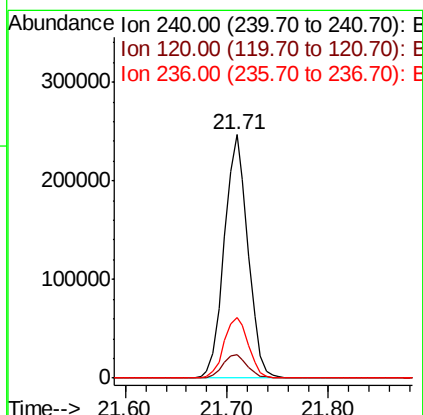
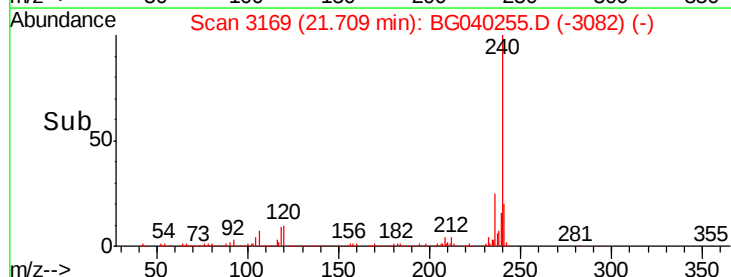


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040255.D
 Acq: 30 Mar 2019 10:35

Tgt Ion:240 Resp: 399362
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.4 12.6
 236 25.0 20.8 31.2



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: 75.709 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040255.D

Acq: 30 Mar 2019 10:35

Instrument :

BNA_G

ClientSampleId :

SOIL-COMP

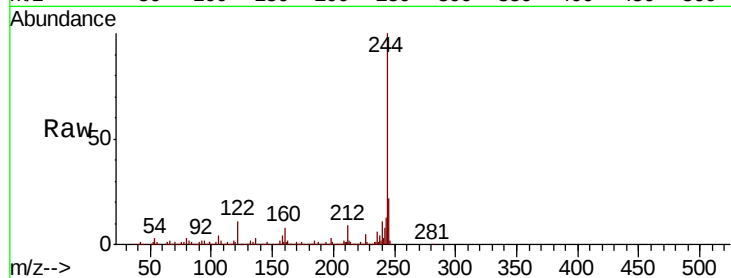
Tgt Ion:244 Resp: 1344006

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

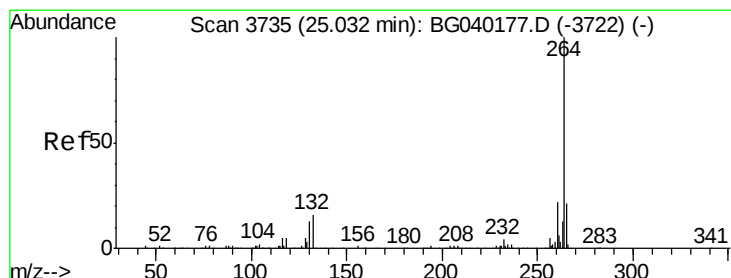
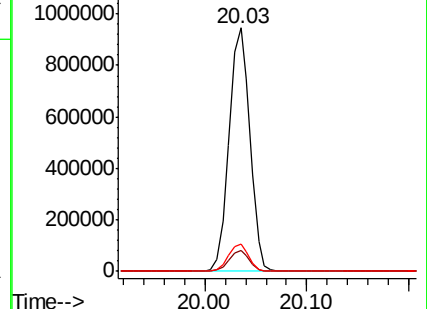
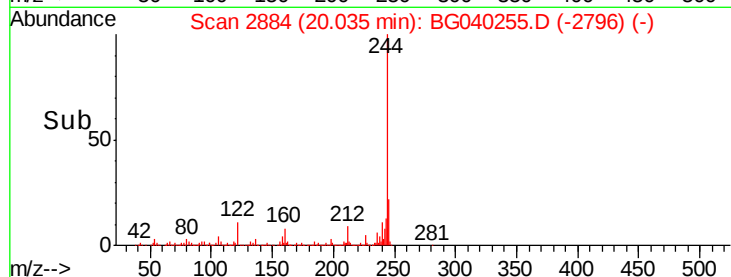
122 11.1 8.5 12.7



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: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040255.D

Acq: 30 Mar 2019 10:35

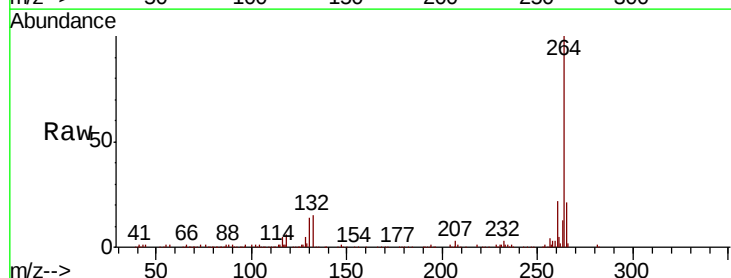
Tgt Ion:264 Resp: 405099

Ion Ratio Lower Upper

264 100

260 21.8 17.9 26.9

265 20.9 16.8 25.2



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

