

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 02:26:49 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

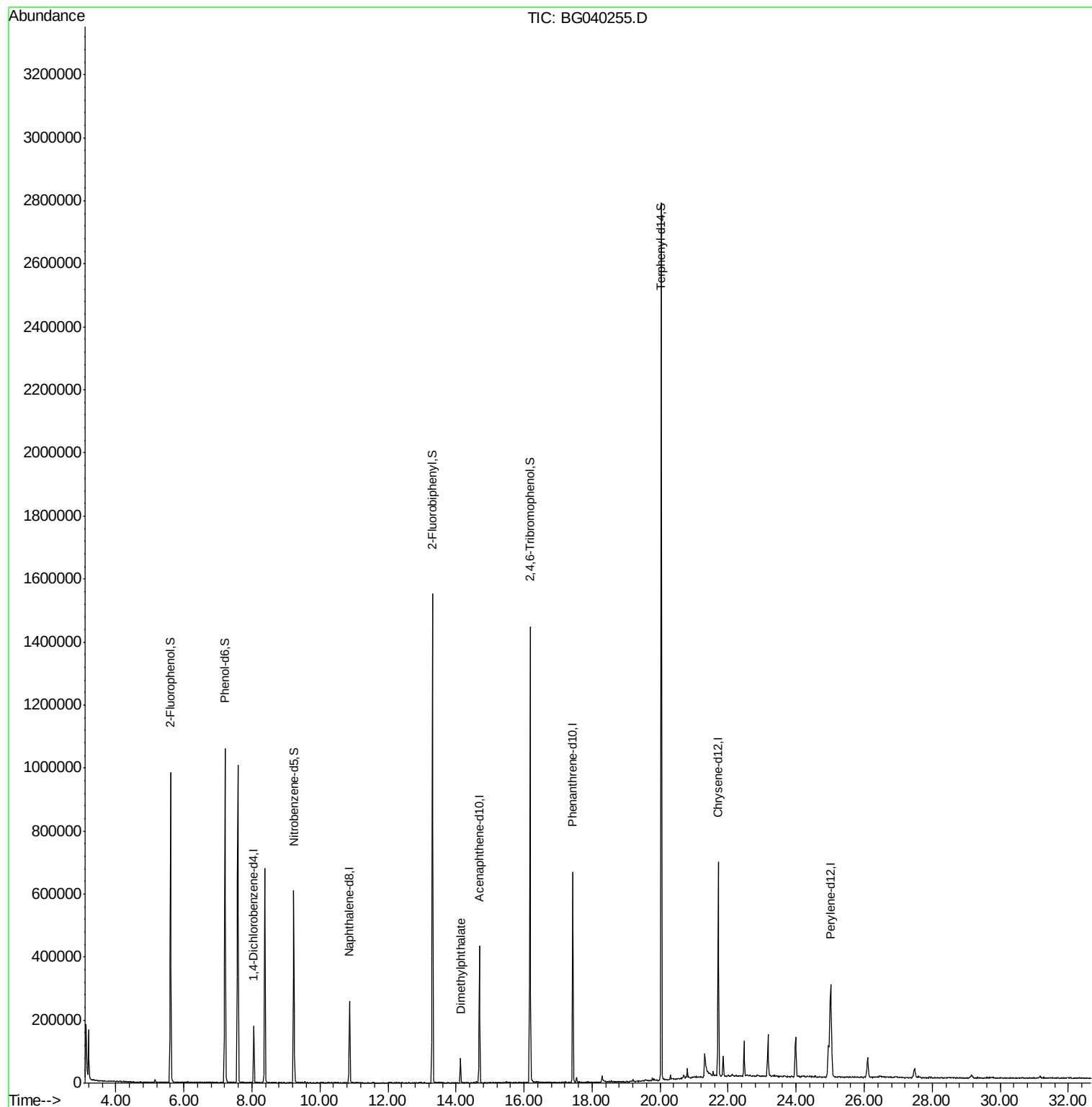
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51597	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	224058	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	152720	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	398887	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	399362	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						
50) Dimethylphthalate	14.13	163	52524	4.394	ng	Qvalue 99

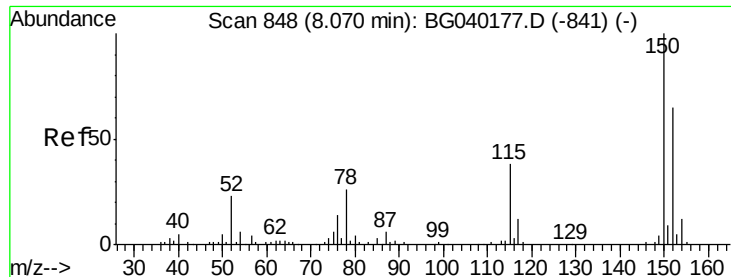
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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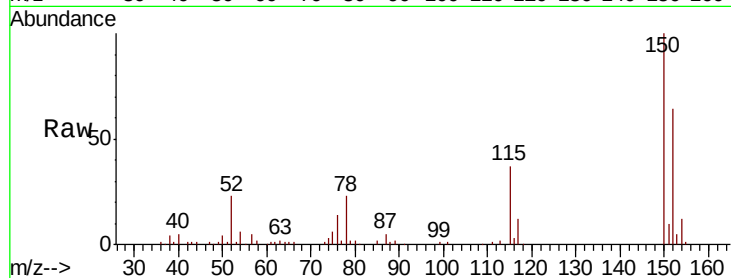


#1

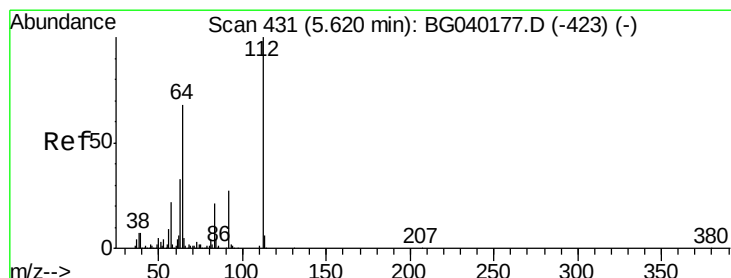
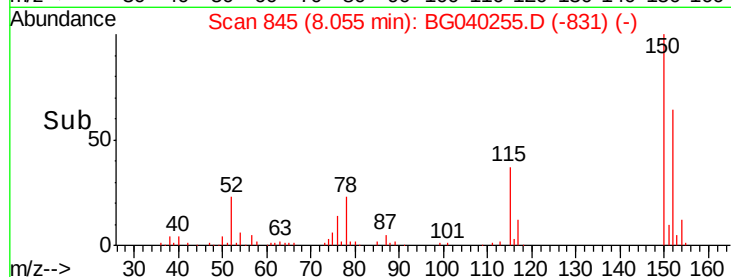
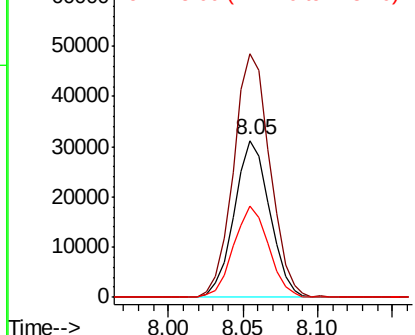
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040255.D
Acq: 30 Mar 2019 10:35

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



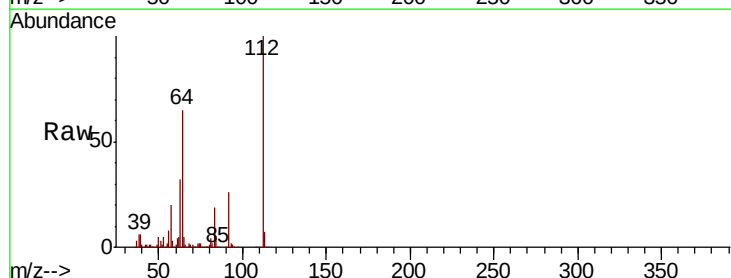
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



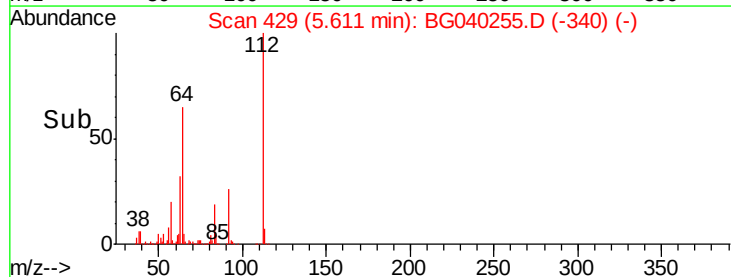
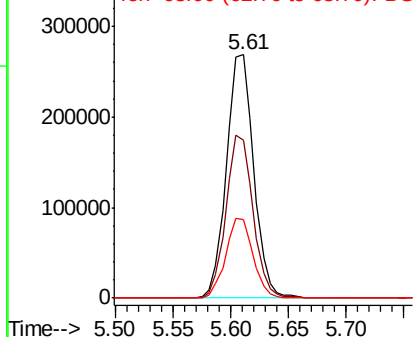
#5

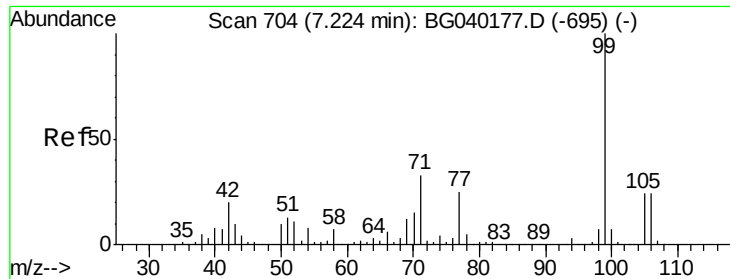
2-Fluorophenol
Concen: 141.958 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040255.D
Acq: 30 Mar 2019 10:35

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

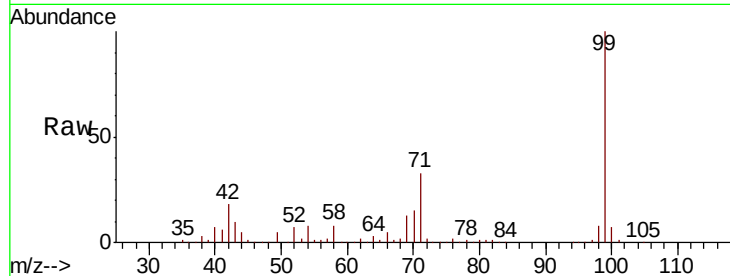
Tgt Ion: 99 Resp: 633002

Ion Ratio Lower Upper

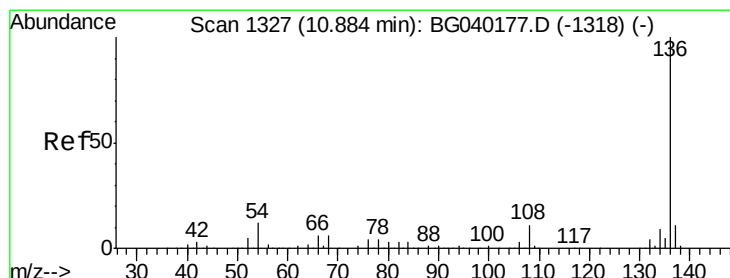
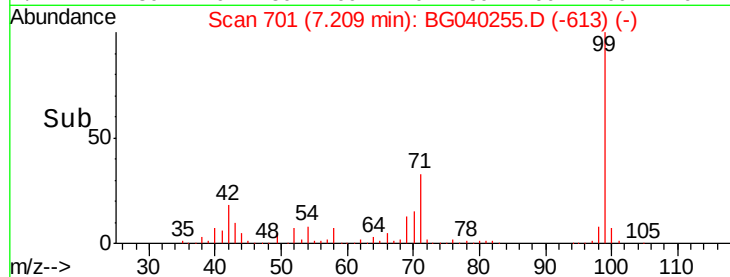
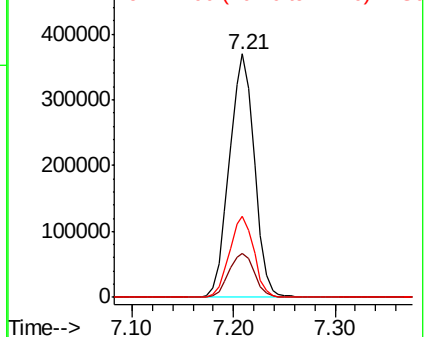
99 100

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



#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

Tgt Ion: 136 Resp: 224058

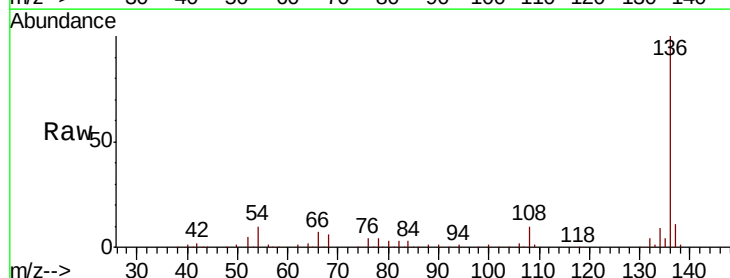
Ion Ratio Lower Upper

136 100

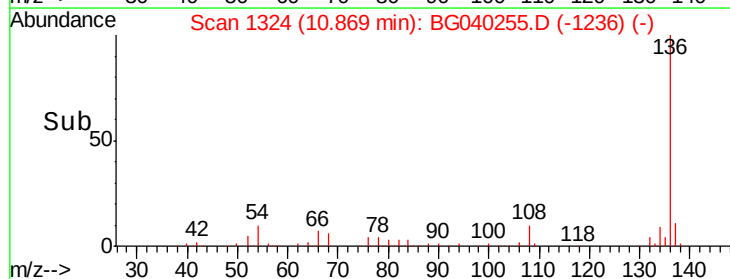
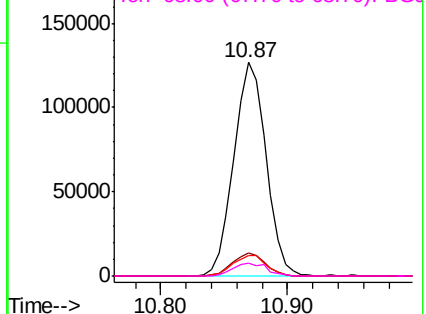
137 10.8 8.9 13.3

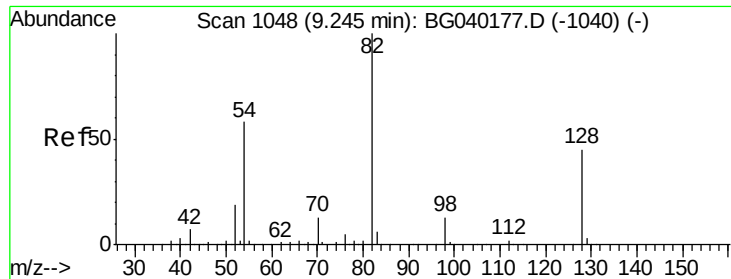
54 9.6 9.6 14.4

68 6.0 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): 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

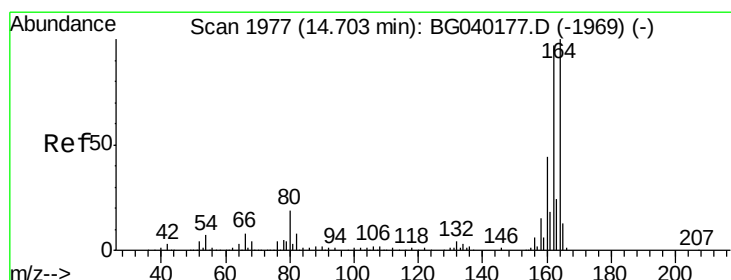
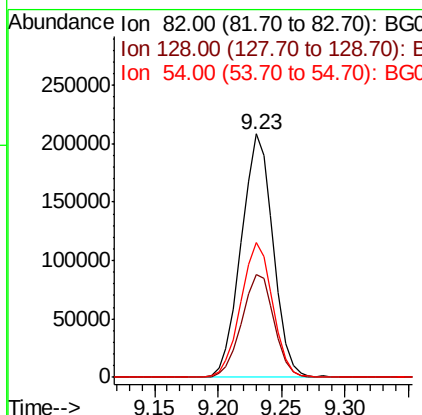
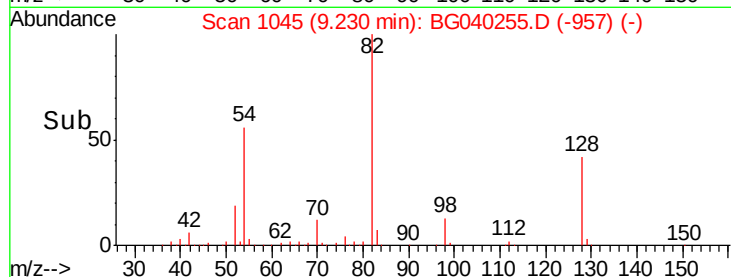
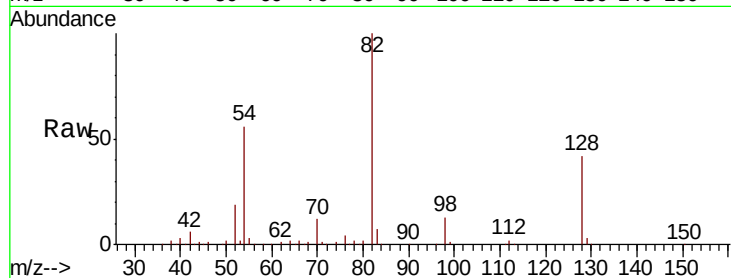




#23
 Nitrobenzene-d5
 Concen: 86.529 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040255.D
 Acq: 30 Mar 2019 10:35

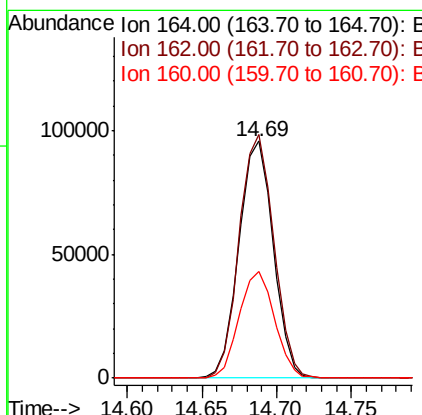
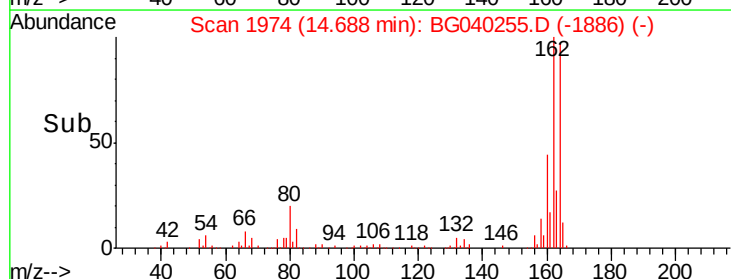
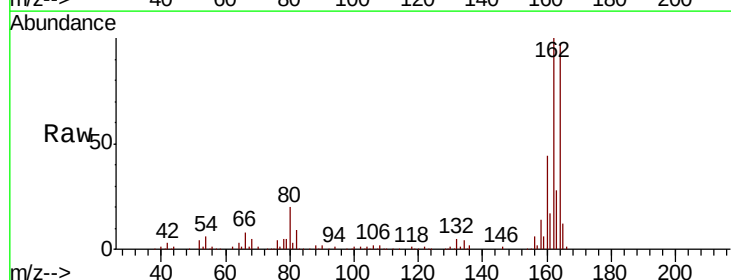
Instrument :
 BNA_G
 ClientSampled :
 SOIL-COMP

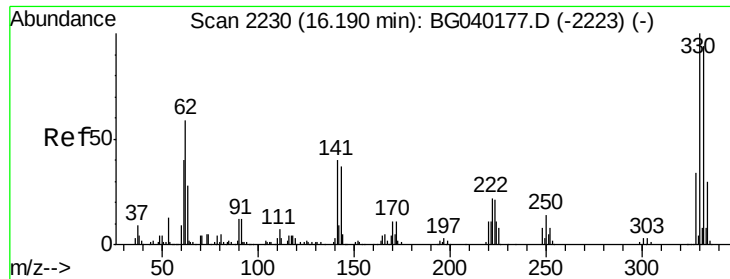
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.8	53.8
54	55.5	46.2	69.2



#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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	77.4	116.2
160	44.8	35.3	52.9

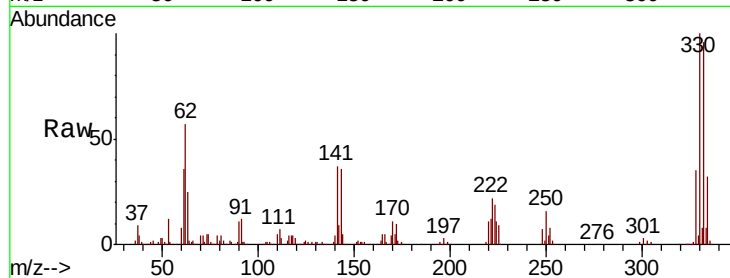




#42
 2,4,6-Tribromophenol
 Concen: 152.092 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040255.D
 Acq: 30 Mar 2019 10:35

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	115.0
141	38.6	32.6	48.8

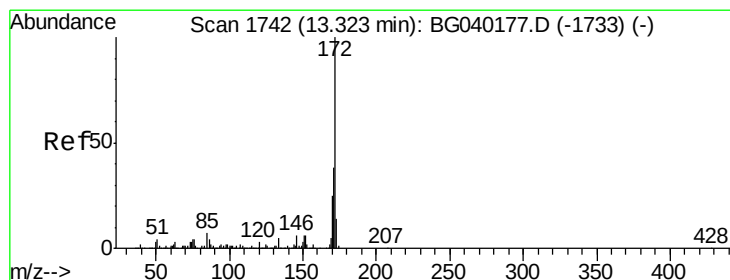
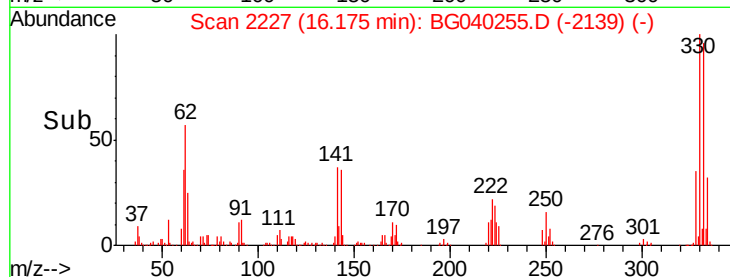
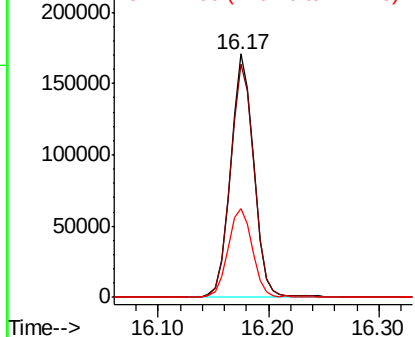


Abundance

Ion 329.80 (329.50 to 330.50): E

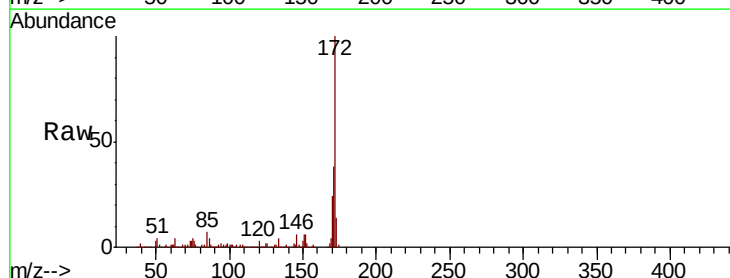
Ion 331.80 (331.50 to 332.50): E

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

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

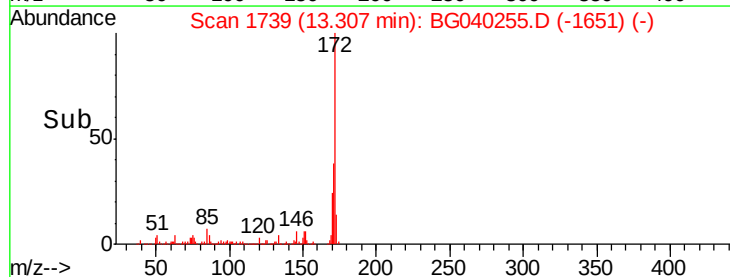
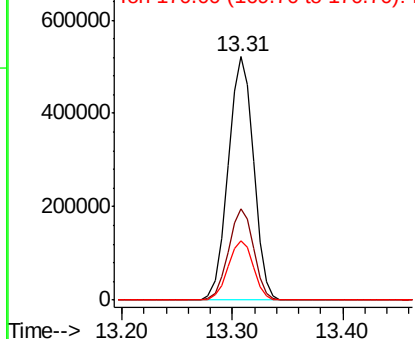


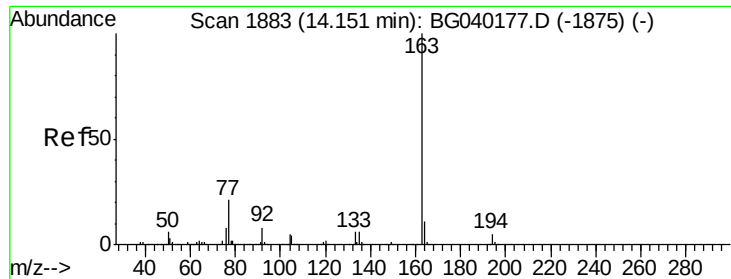
Abundance

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: 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

Instrument :

BNA_G

ClientSampleId :

SOIL-COMP

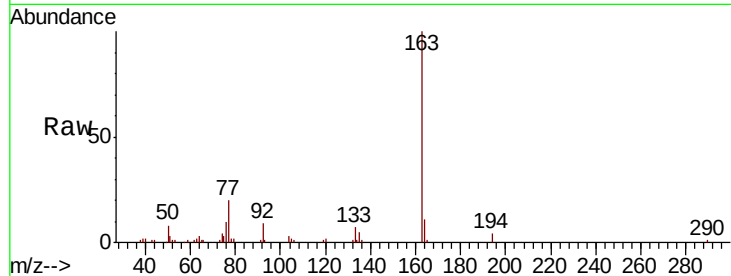
Tgt Ion:163 Resp: 52524

Ion Ratio Lower Upper

163 100

194 4.3 4.1 6.1

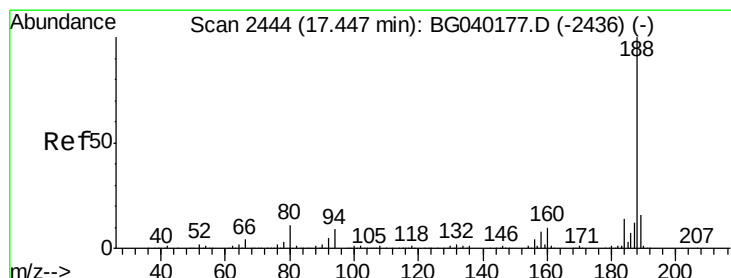
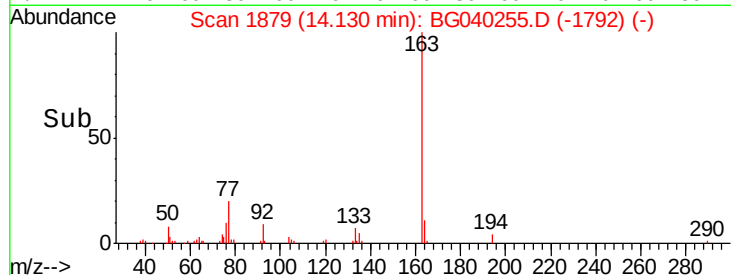
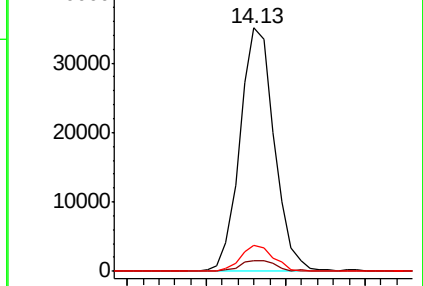
164 10.6 8.6 13.0



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: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040255.D

Acq: 30 Mar 2019 10:35

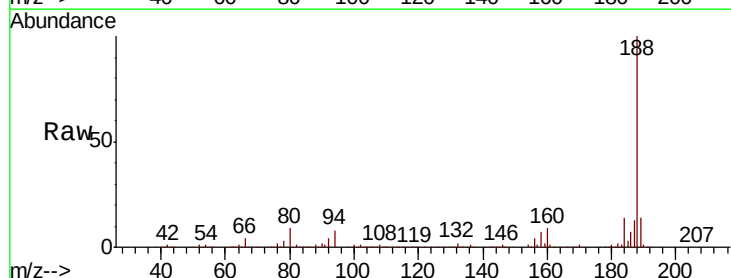
Tgt Ion:188 Resp: 398887

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

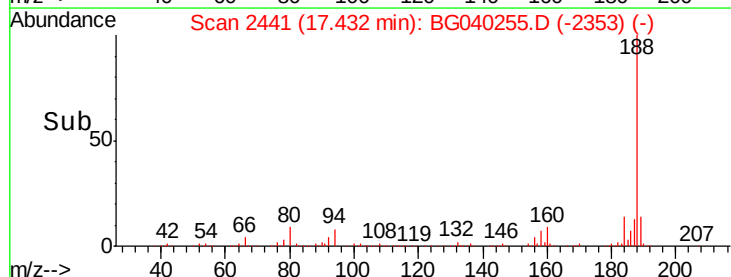
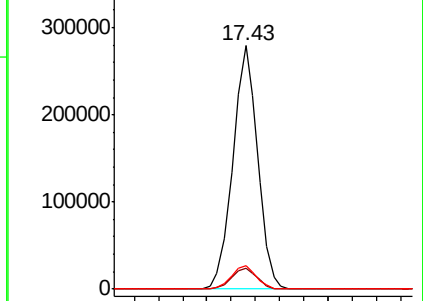
80 9.5 8.6 13.0

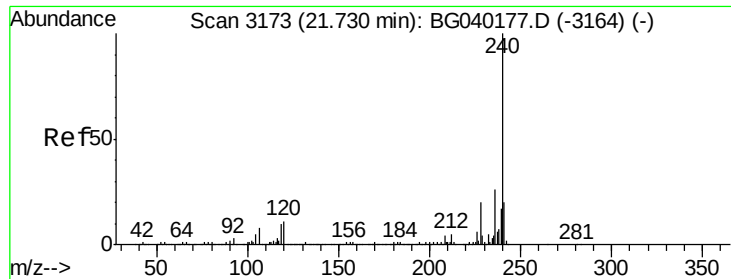


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#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

Instrument :

BNA_G

ClientSampleId :

SOIL-COMP

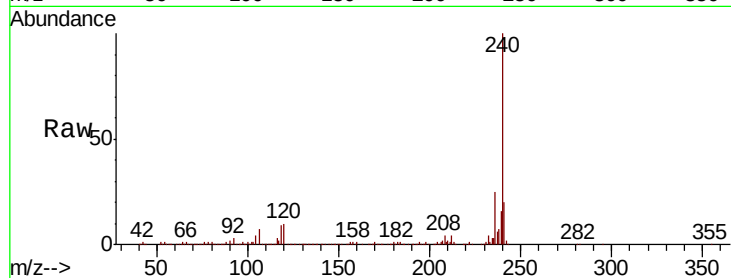
Tgt Ion:240 Resp: 399362

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

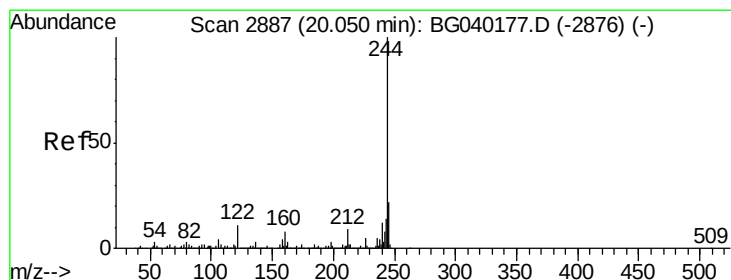
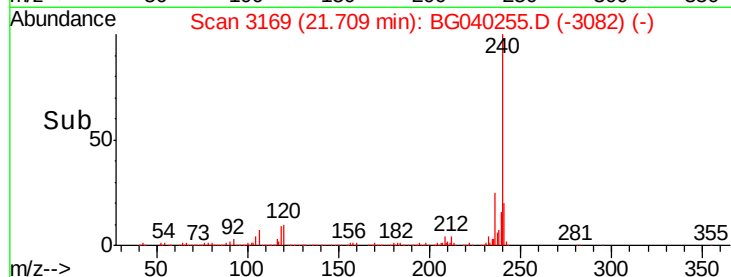
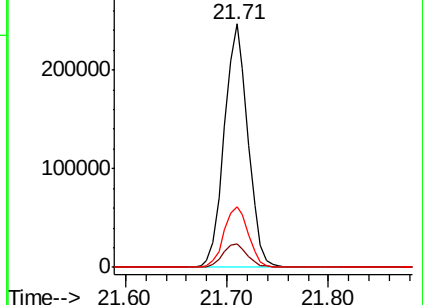
236 25.0 20.8 31.2



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

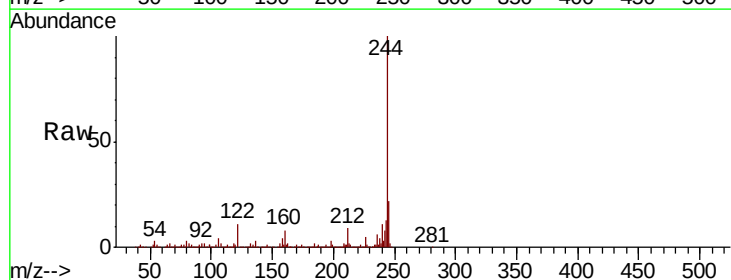
Tgt Ion:244 Resp: 1344006

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

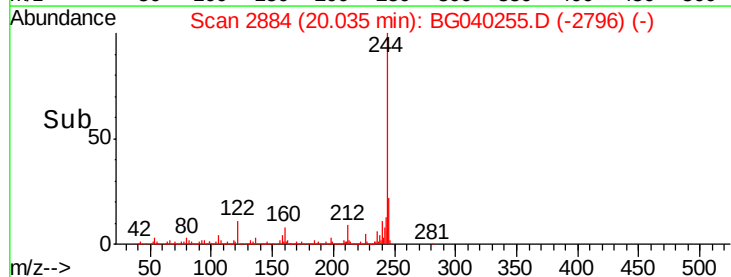
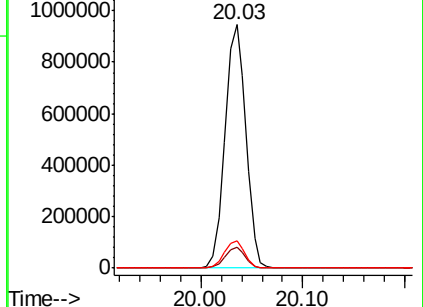
122 11.1 8.5 12.7

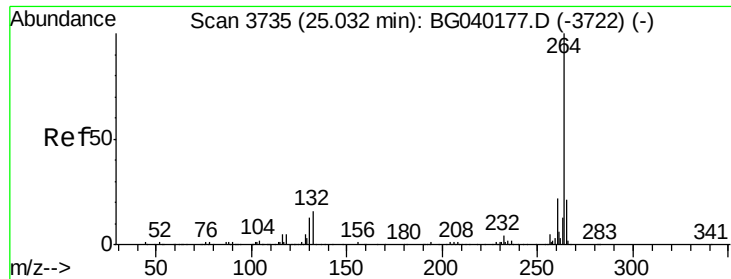


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
BNA_G
ClientSampleId :
SOIL-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.9	26.9
265	20.9	16.8	25.2

