

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
 Data File : BG027868.D
 Acq On : 7 Jul 2017 12:46
 Operator : SJ/JU
 Sample : I4074-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOPSOIL-01

Quant Time: Jul 07 13:37:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

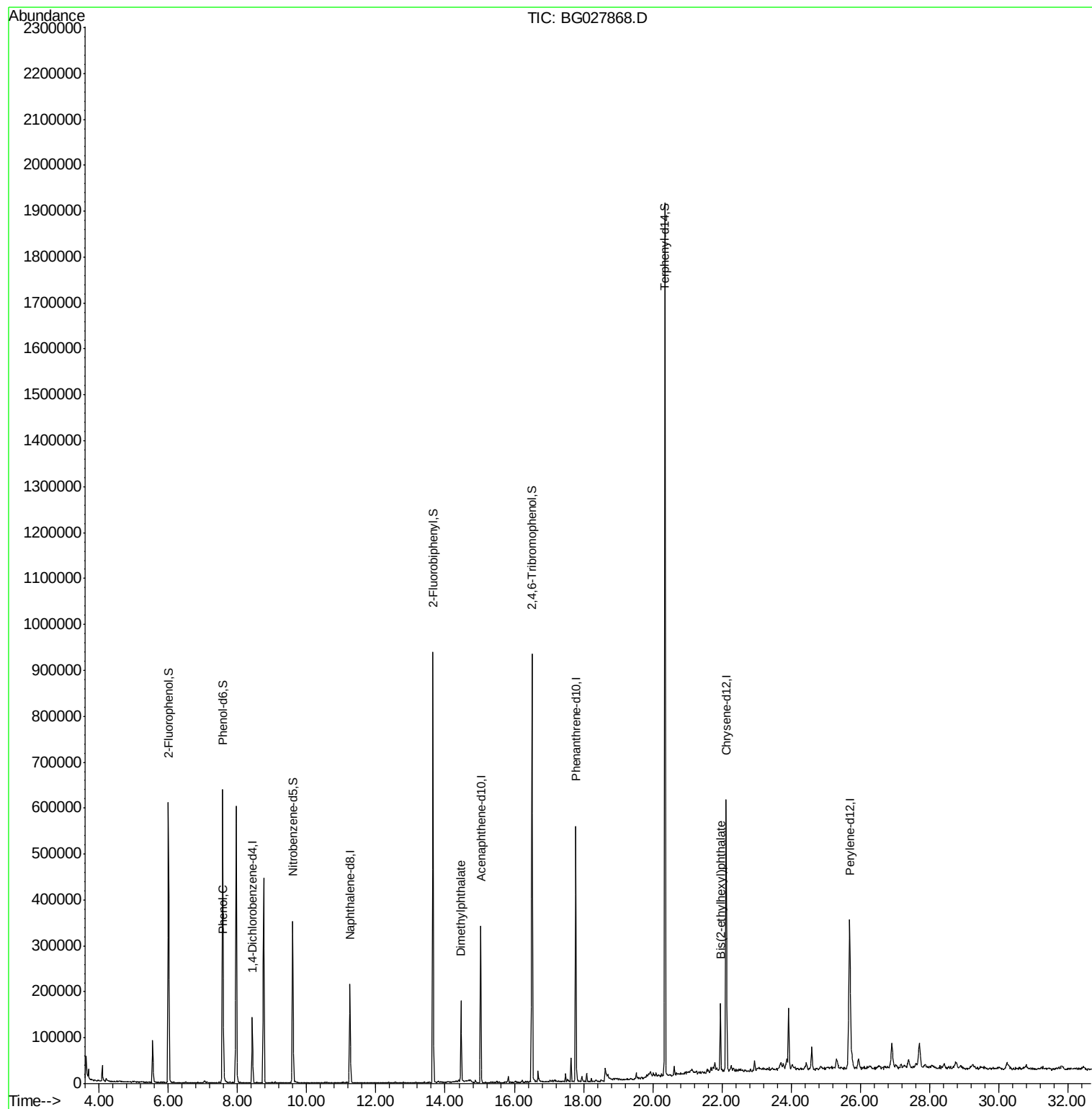
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	42817	20.00	ng	-0.05
21) Naphthalene-d8	11.25	136	182808	20.00	ng	-0.04
38) Acenaphthene-d10	15.03	164	122368	20.00	ng	-0.04
63) Phenanthrene-d10	17.77	188	351295	20.00	ng	-0.04
75) Chrysene-d12	22.12	240	423026	20.00	ng	-0.05
86) Perylene-d12	25.69	264	382146	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	275188	98.97	ng	-0.05
7) Phenol-d6	7.57	99	375470	88.39	ng	-0.04
23) Nitrobenzene-d5	9.59	82	223800	68.24	ng	-0.05
41) 2,4,6-Tribromophenol	16.51	330	171096	101.94	ng	-0.04
44) 2-Fluorobiphenyl	13.65	172	499076	58.25	ng	-0.04
78) Terphenyl-d14	20.35	244	868214	48.12	ng	-0.04
Target Compounds						
10) Phenol	7.60	94	10663	2.537	ng	88
49) Dimethylphthalate	14.46	163	120801	11.572	ng	97
83) Bis(2-ethylhexyl)phthalate	21.96	149	58982	3.376	ng	94

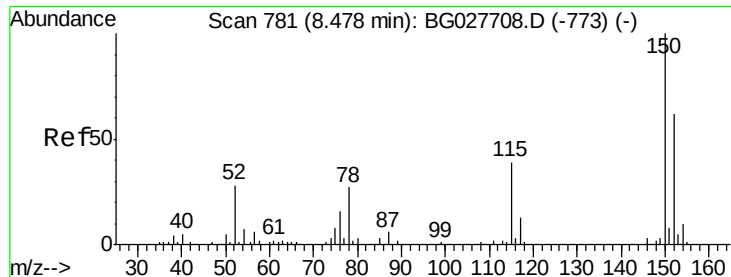
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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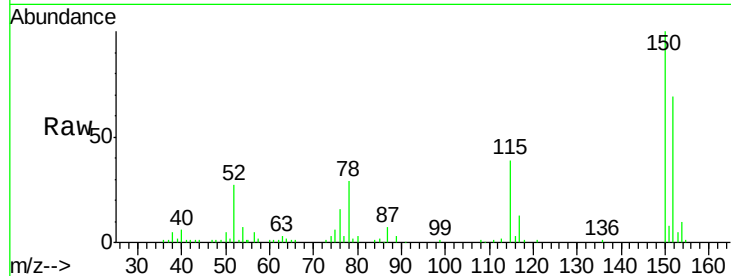


#1

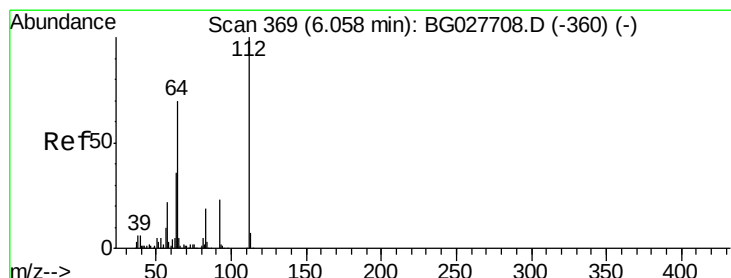
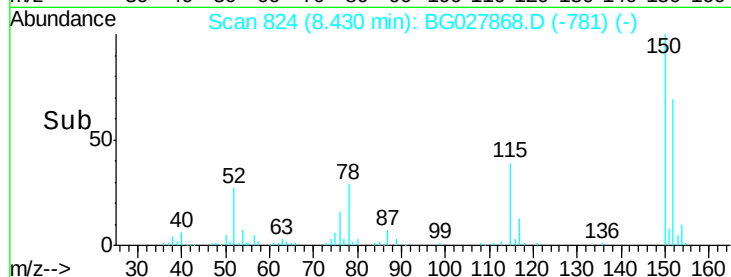
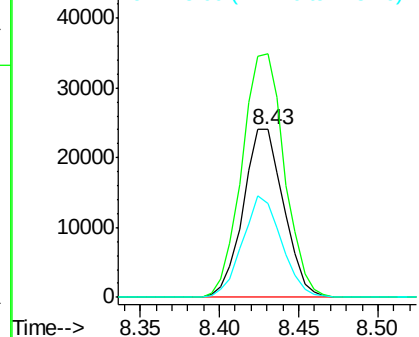
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.43 min Scan# 824
Delta R.T. -0.05 min
Lab File: BG027868.D
Acq: 7 Jul 2017 12:46

Instrument :
BNA_G
ClientSampleId :
TOPSOIL-01

Tgt Ion:152 Resp: 42817
Ion Ratio Lower Upper
152 100
150 145.2 114.0 171.0
115 56.0 48.1 72.1



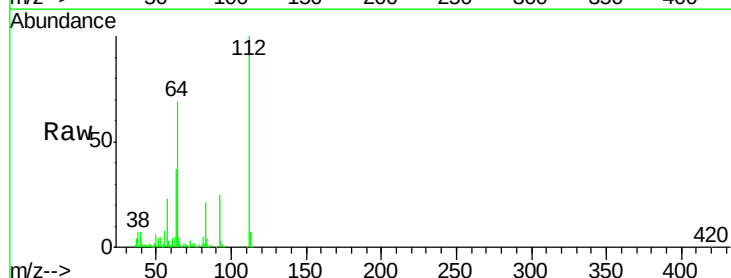
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



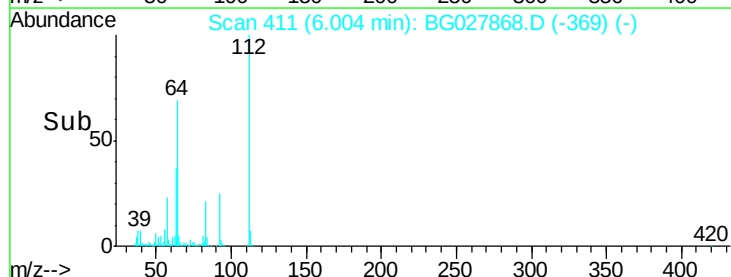
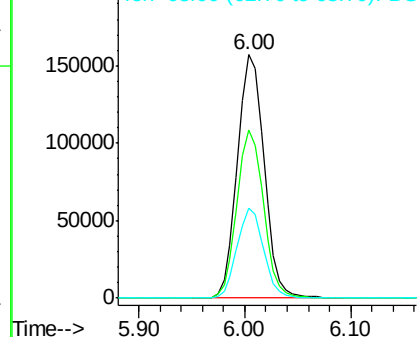
#5

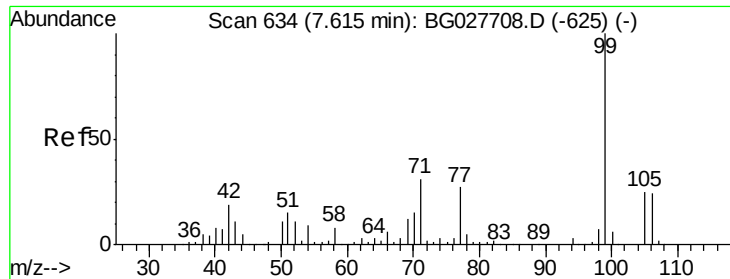
2-Fluorophenol
Concen: 98.971 ng
RT: 6.00 min Scan# 411
Delta R.T. -0.05 min
Lab File: BG027868.D
Acq: 7 Jul 2017 12:46

Tgt Ion:112 Resp: 275188
Ion Ratio Lower Upper
112 100
64 68.9 61.8 92.6
63 37.2 37.2 55.8



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: 88.393 ng

RT: 7.57 min Scan# 678

Delta R.T. -0.04 min

Lab File: BG027868.D

Acq: 7 Jul 2017 12:46

Instrument :

BNA_G

ClientSampled :

TOPSOIL-01

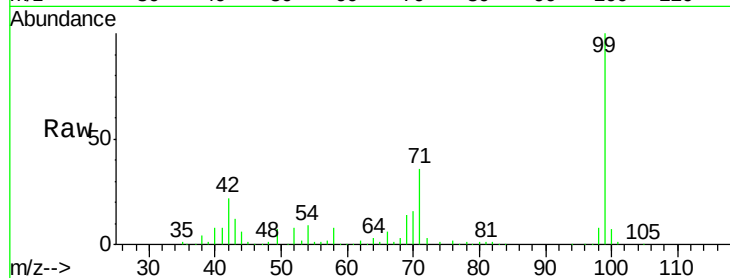
Tgt Ion: 99 Resp: 375470

Ion Ratio Lower Upper

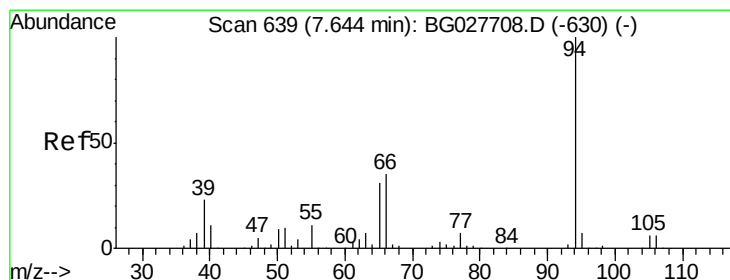
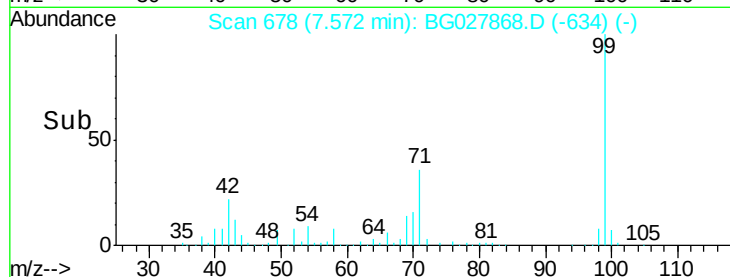
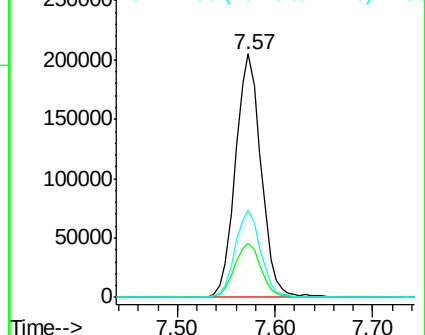
99 100

42 22.3 20.5 30.7

71 35.9 37.6 56.4#



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



#10

Phenol

Concen: 2.537 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.05 min

Lab File: BG027868.D

Acq: 7 Jul 2017 12:46

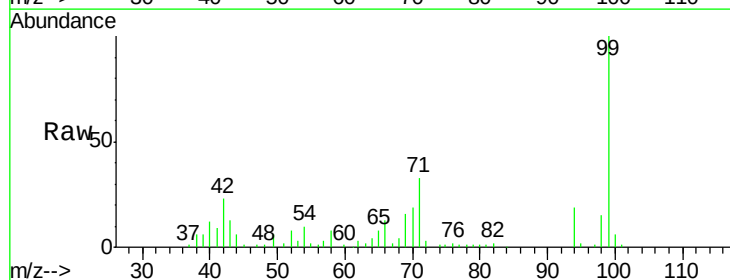
Tgt Ion: 94 Resp: 10663

Ion Ratio Lower Upper

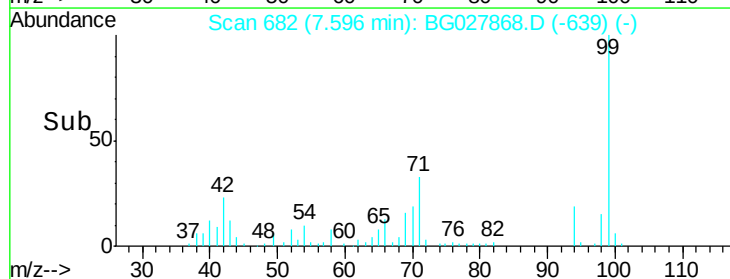
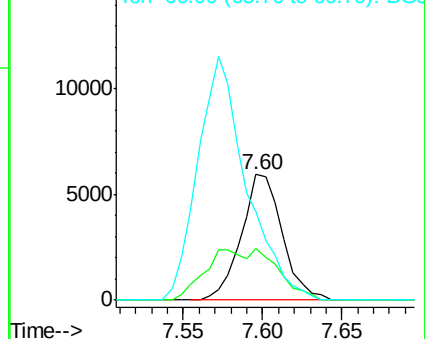
94 100

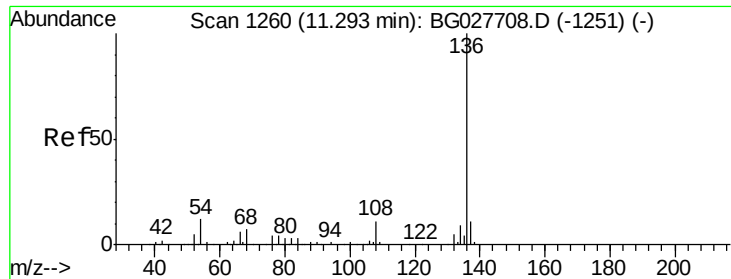
65 41.1 20.6 60.6

66 70.7 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

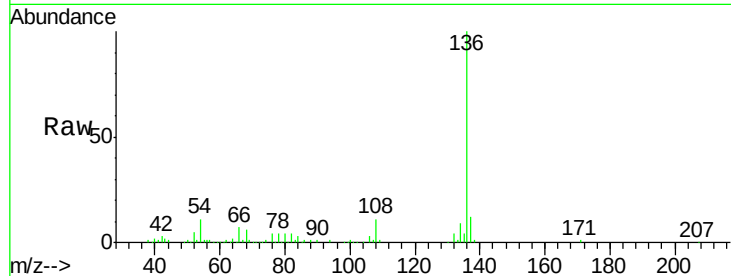




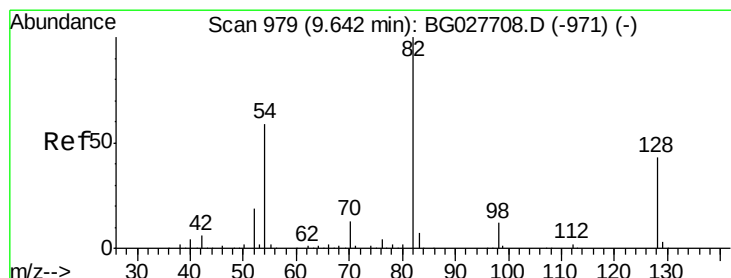
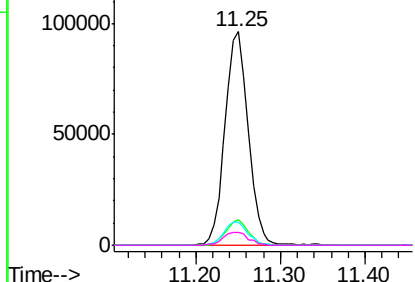
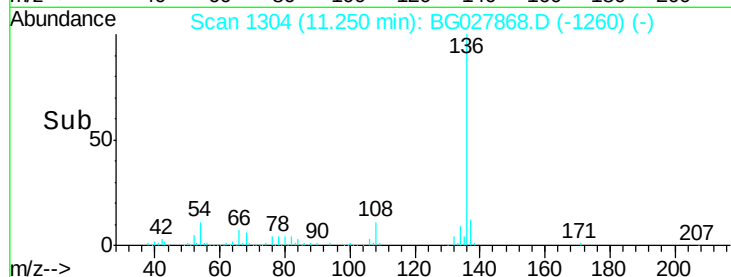
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.25 min Scan# 1304
Delta R.T. -0.04 min
Lab File: BG027868.D
Acq: 7 Jul 2017 12:46

Instrument :
BNA_G
ClientSampleId :
TOPSOIL-01

Tgt Ion:	136	Resp:	182808
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	11.0	9.3	13.9
68	6.2	5.1	7.7

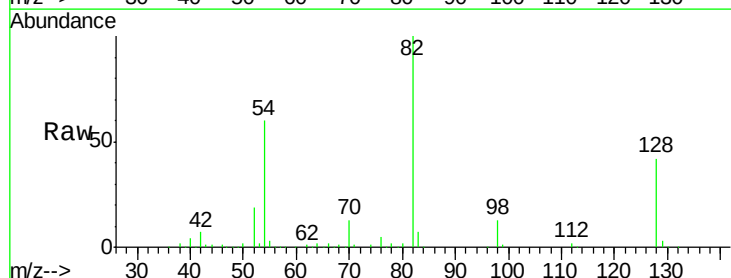


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

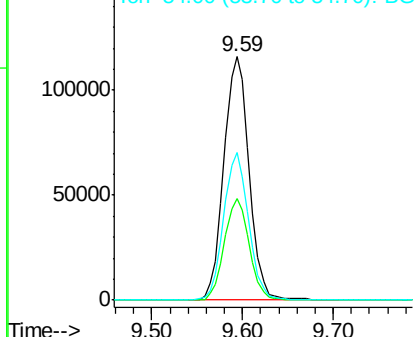
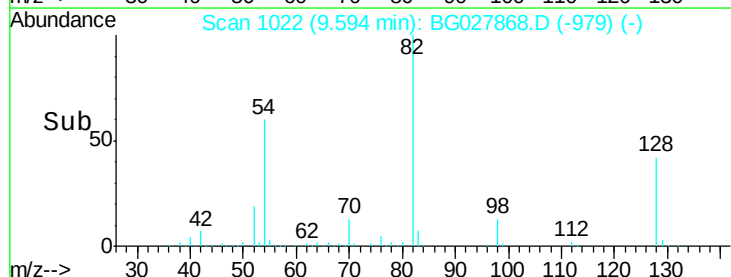


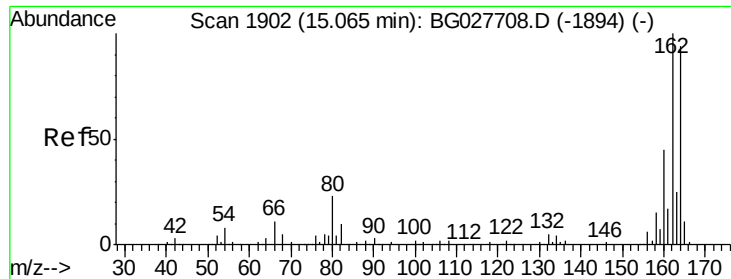
#23
Nitrobenzene-d5
Concen: 68.240 ng
RT: 9.59 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BG027868.D
Acq: 7 Jul 2017 12:46

Tgt Ion:	82	Resp:	223800
Ion	Ratio	Lower	Upper
82	100		
128	41.6	26.4	39.6#
54	60.5	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.03 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BG027868.D

Acq: 7 Jul 2017 12:46

Instrument :

BNA_G

ClientSampleId :

TOPSOIL-01

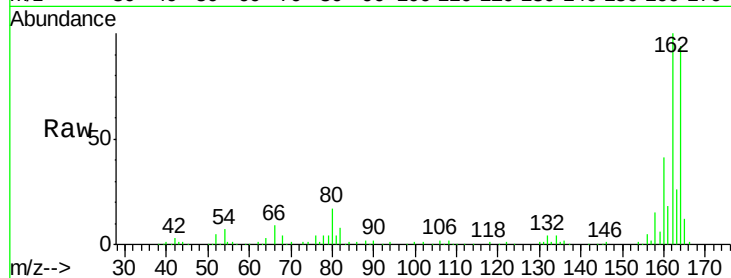
Tgt Ion:164 Resp: 122368

Ion Ratio Lower Upper

164 100

162 106.8 85.1 127.7

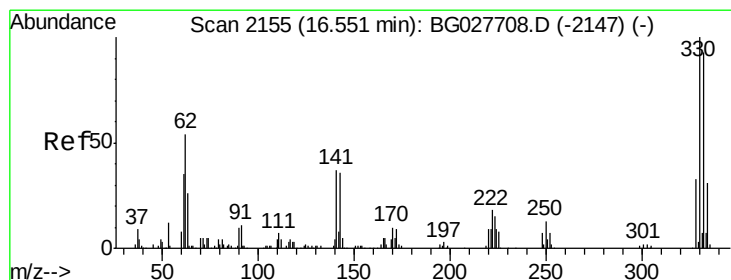
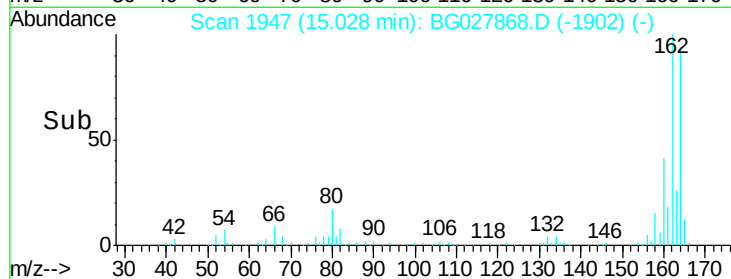
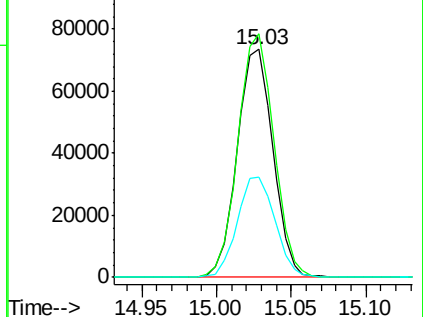
160 44.1 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 101.939 ng

RT: 16.51 min Scan# 2200

Delta R.T. -0.04 min

Lab File: BG027868.D

Acq: 7 Jul 2017 12:46

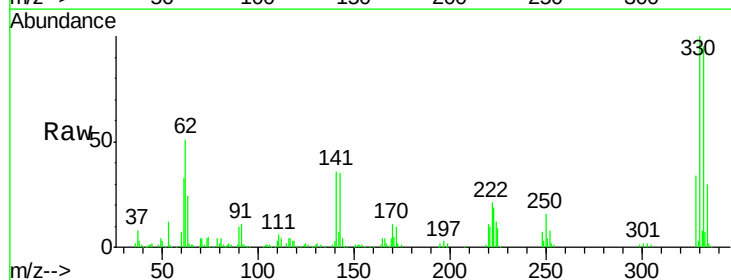
Tgt Ion:330 Resp: 171096

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

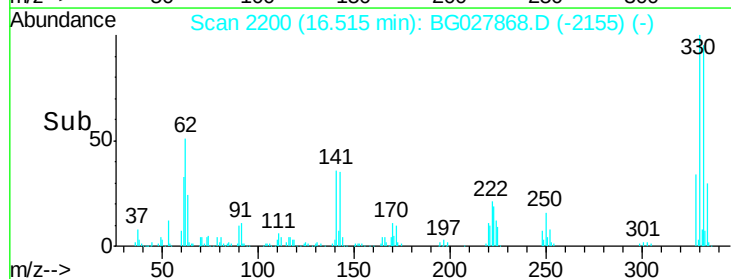
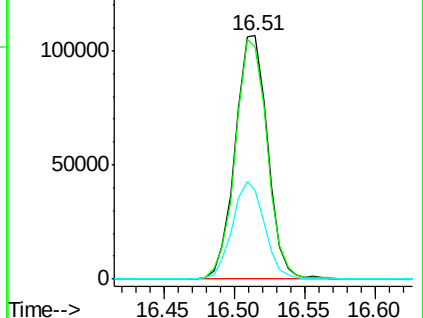
141 39.8 32.1 48.1

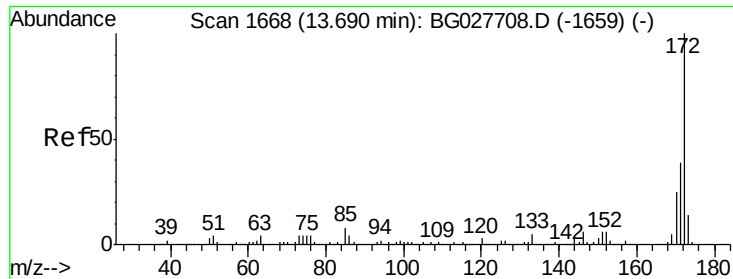


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

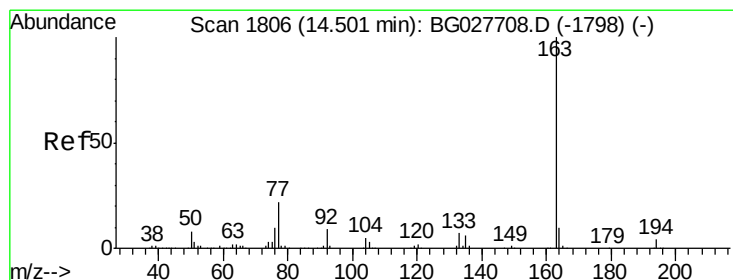
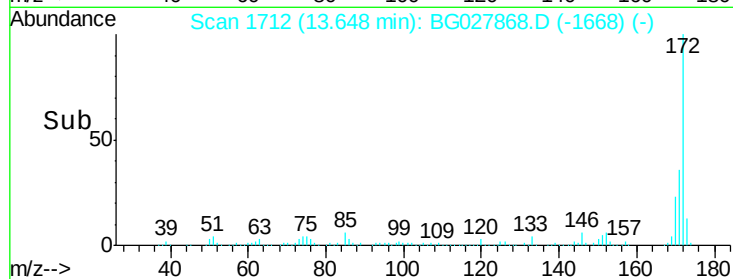
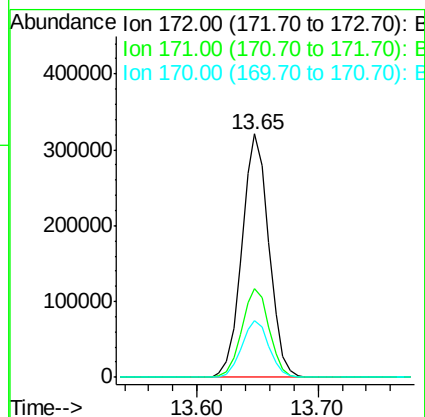
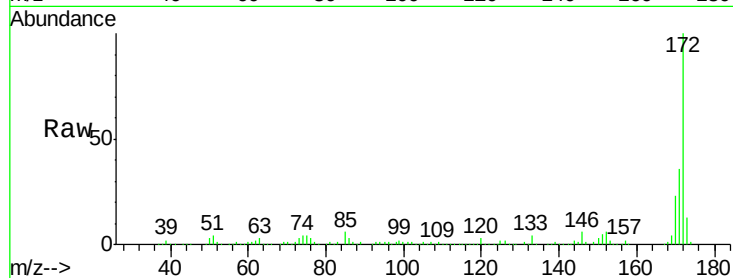




#44
 2-Fluorobiphenyl
 Concen: 58.248 ng
 RT: 13.65 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027868.D
 Acq: 7 Jul 2017 12:46

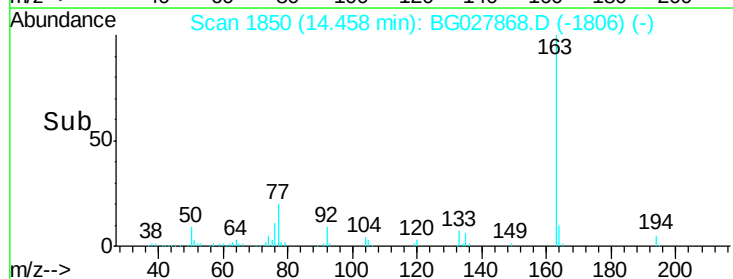
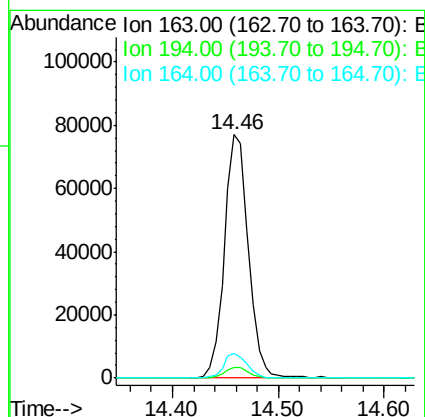
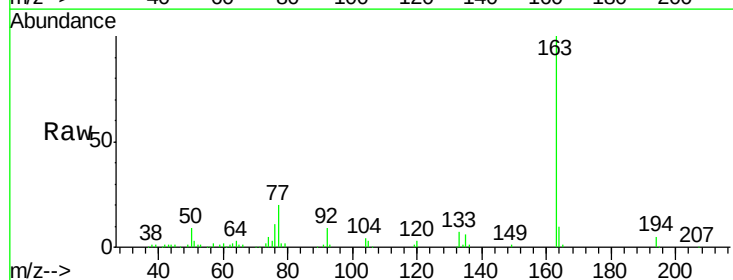
Instrument :
 BNA_G
 ClientSampleId :
 TOPSOIL-01

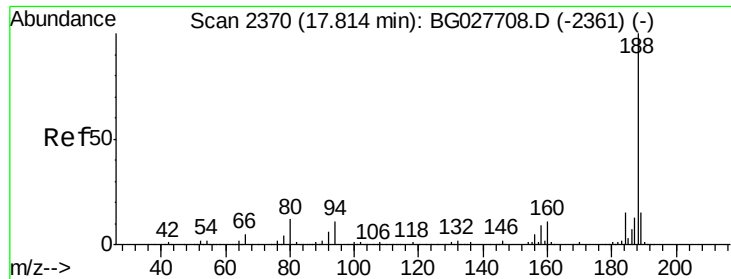
Tgt Ion:172 Resp: 499076
 Ion Ratio Lower Upper
 172 100
 171 36.4 32.2 48.2
 170 23.4 21.8 32.6



#49
 Dimethylphthalate
 Concen: 11.572 ng
 RT: 14.46 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: BG027868.D
 Acq: 7 Jul 2017 12:46

Tgt Ion:163 Resp: 120801
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.8 5.6
 164 10.0 9.3 13.9

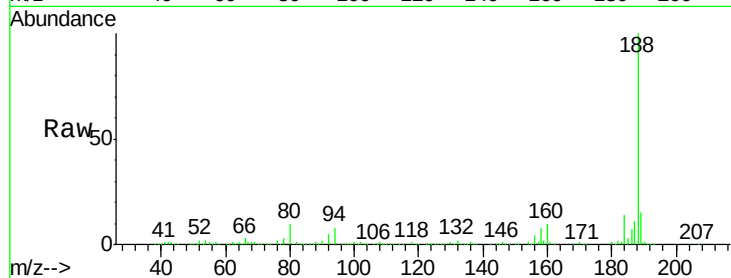




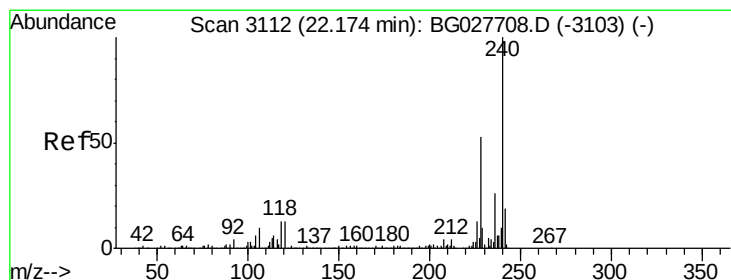
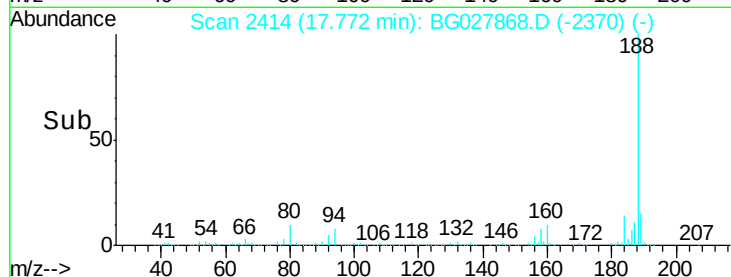
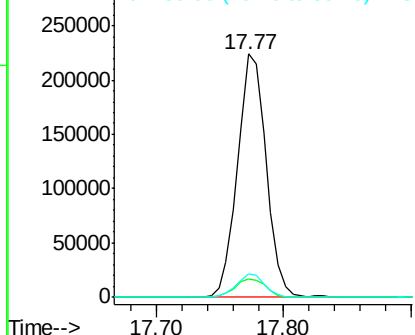
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.77 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027868.D
Acq: 7 Jul 2017 12:46

Instrument :
BNA_G
ClientSampleId :
TOPSOIL-01

Tgt Ion:188 Resp: 351295
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.8
80 9.8 7.5 11.3

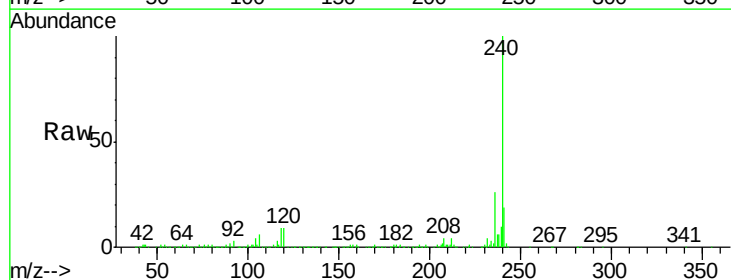


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

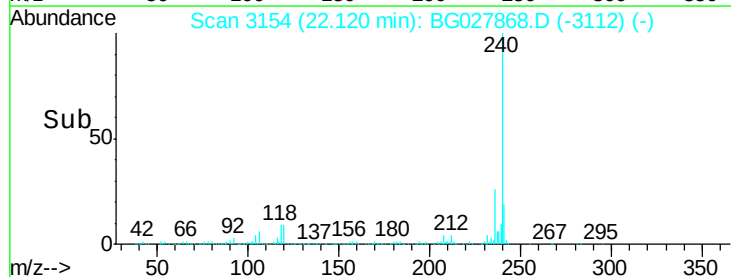
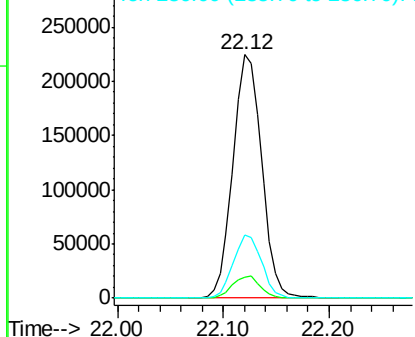


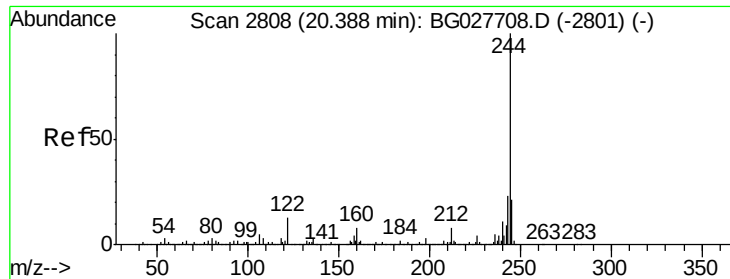
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.12 min Scan# 3154
Delta R.T. -0.05 min
Lab File: BG027868.D
Acq: 7 Jul 2017 12:46

Tgt Ion:240 Resp: 423026
Ion Ratio Lower Upper
240 100
120 8.7 5.7 8.5#
236 25.9 22.2 33.4



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





#78

Terphenyl-d14

Concen: 48.116 ng

RT: 20.35 min Scan# 2853

Delta R.T. -0.04 min

Lab File: BG027868.D

Acq: 7 Jul 2017 12:46

Instrument :

BNA_G

ClientSampleId :

TOPSOIL-01

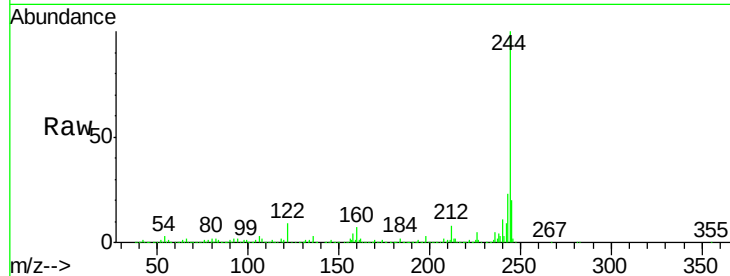
Tgt Ion:244 Resp: 868214

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

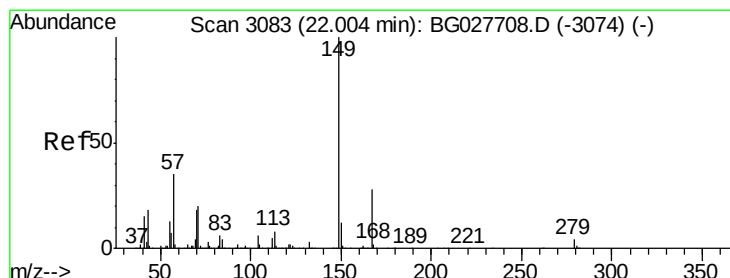
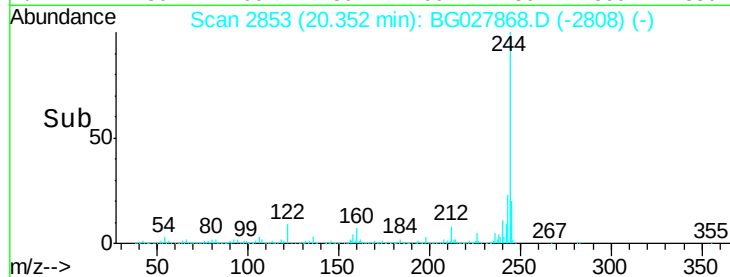
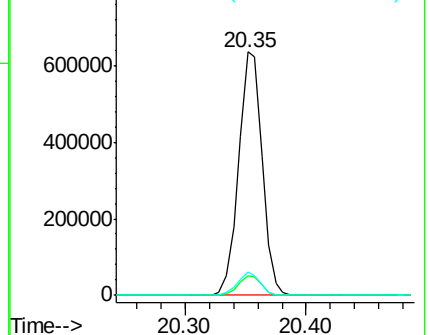
122 9.4 8.6 12.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.376 ng

RT: 21.96 min Scan# 3126

Delta R.T. -0.05 min

Lab File: BG027868.D

Acq: 7 Jul 2017 12:46

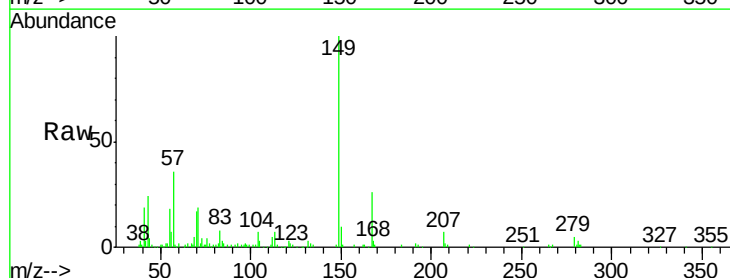
Tgt Ion:149 Resp: 58982

Ion Ratio Lower Upper

149 100

167 26.0 23.7 35.5

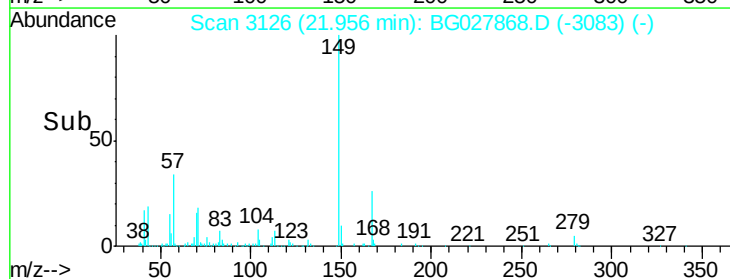
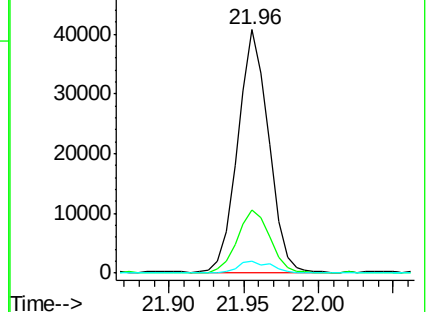
279 4.7 4.6 6.8

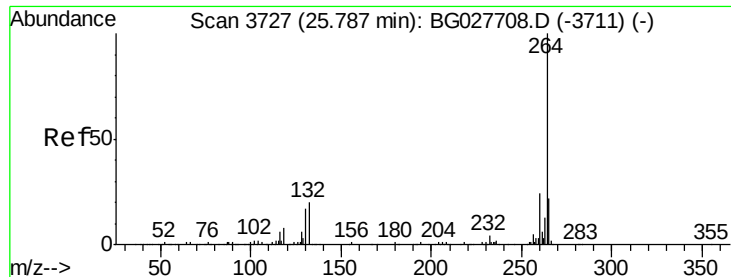


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.69 min Scan# 3762
Delta R.T. -0.10 min
Lab File: BG027868.D
Acq: 7 Jul 2017 12:46

Instrument :
BNA_G
ClientSampleId :
TOPSOIL-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.3	18.2	27.4

