

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037268.D
 Acq On : 11 Oct 2018 21:56
 Operator : JU/SJ
 Sample : J5369-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Oct 12 07:12:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

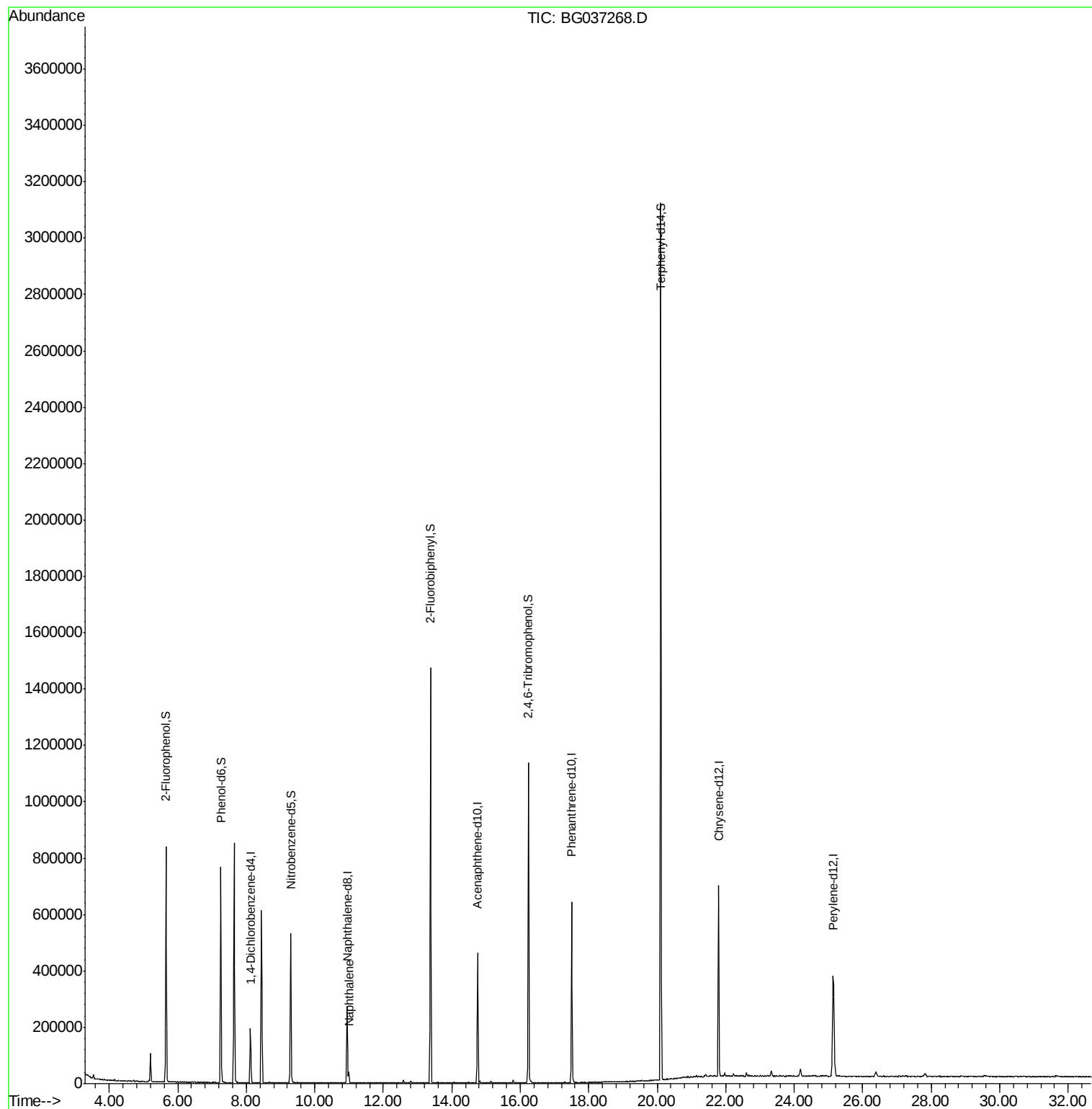
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	57330	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	241919	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	160523	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	406137	20.00	ng	0.00
76) Chrysene-d12	21.79	240	409917	20.00	ng	0.00
87) Perylene-d12	25.14	264	400454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	371077	113.91	ng	0.00
7) Phenol-d6	7.26	99	477139	96.50	ng	0.00
23) Nitrobenzene-d5	9.30	82	317957	86.41	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	199588	126.78	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	784211	73.37	ng	0.00
79) Terphenyl-d14	20.10	244	1458222	74.70	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	35740	3.040	ng	Qvalue 98

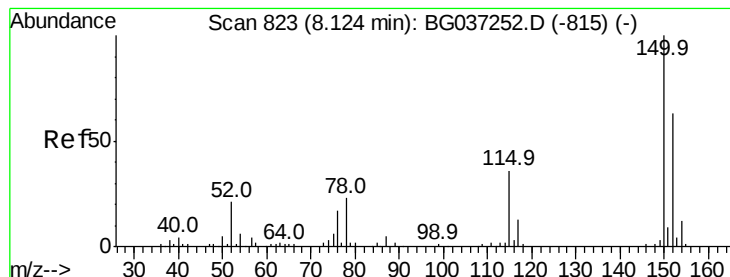
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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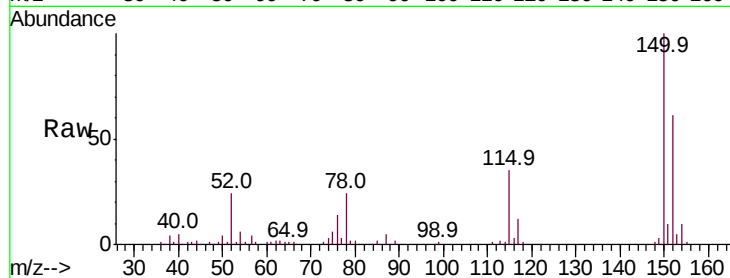


#1

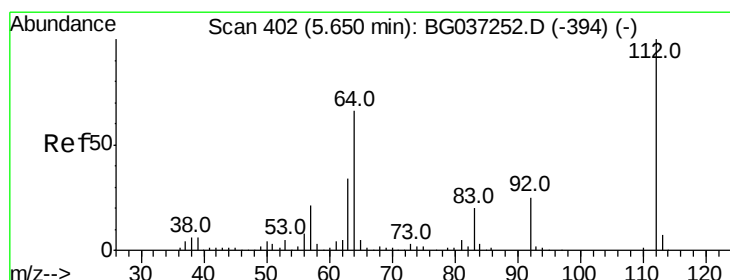
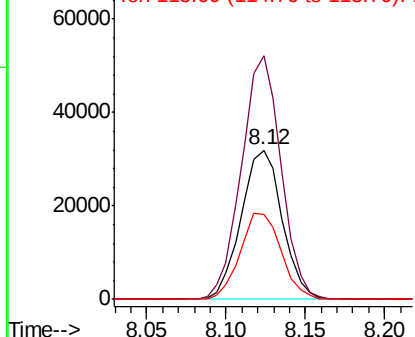
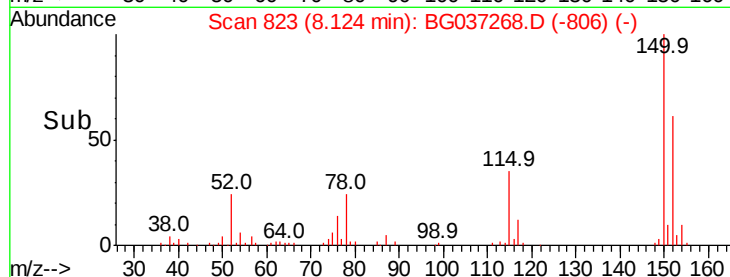
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

Tot Ion:152 Resp: 57330
Ion Ratio Lower Upper
152 100
150 163.3 126.0 189.0
115 56.6 45.5 68.3



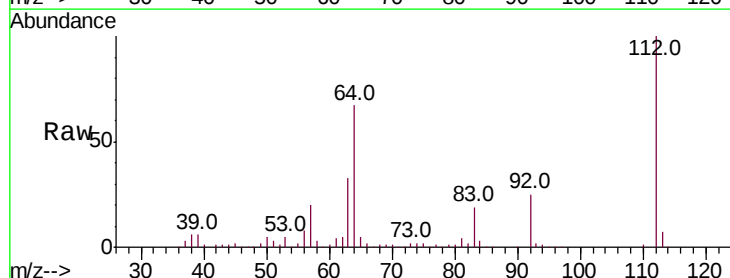
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



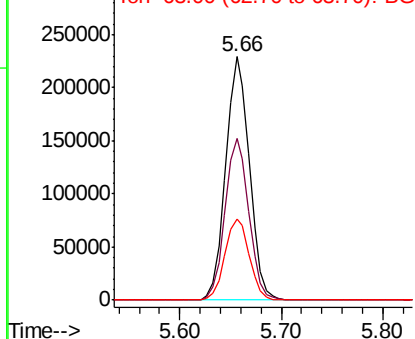
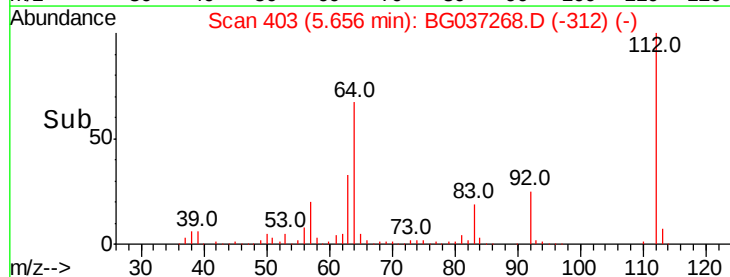
#5

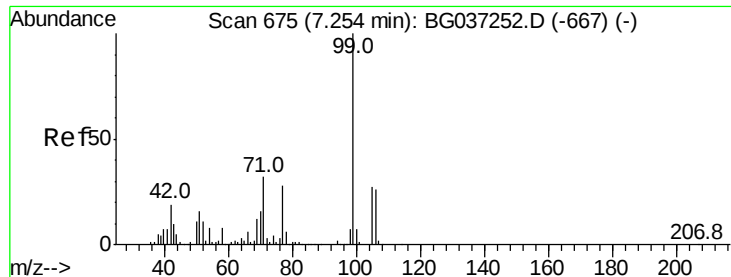
2-Fluorophenol
Concen: 113.912 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

Tgt Ion:112 Resp: 371077
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 33.3 27.3 40.9



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: 96.500 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG037268.D

Acq: 11 Oct 2018 21:56

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE

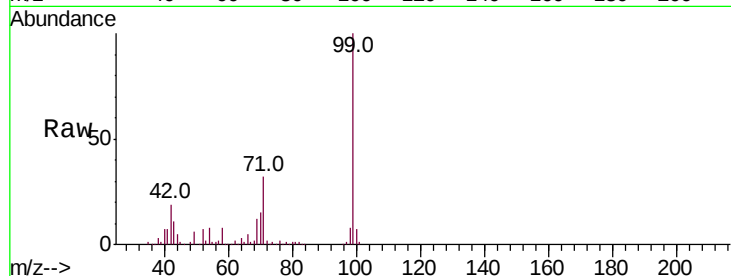
Tot Ion: 99 Resp: 477139

Ion Ratio Lower Upper

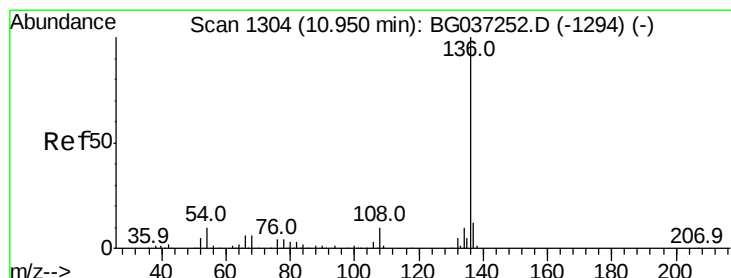
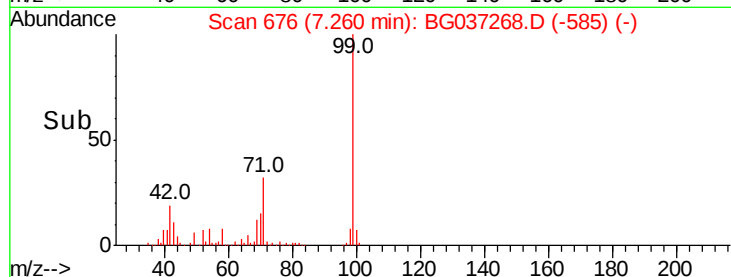
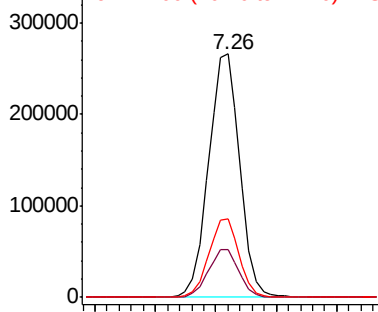
99 100

42 19.5 15.0 22.4

71 32.0 25.5 38.3



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: 10.94 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG037268.D

Acq: 11 Oct 2018 21:56

Tgt Ion: 136 Resp: 241919

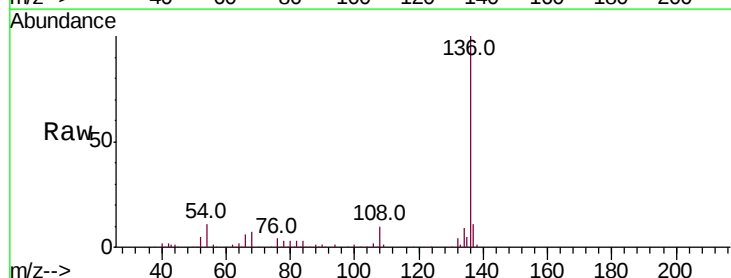
Ion Ratio Lower Upper

136 100

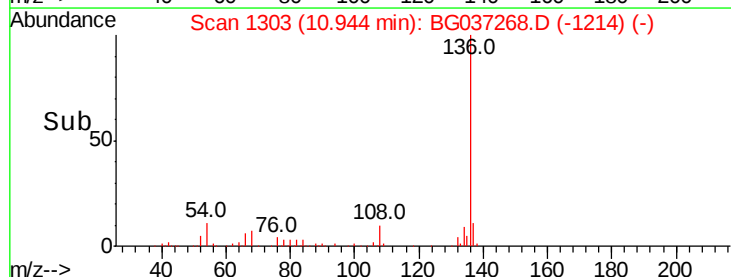
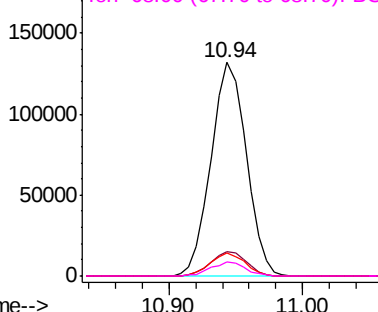
137 11.4 9.6 14.4

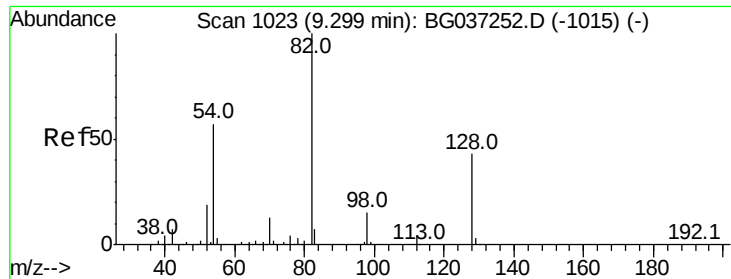
54 10.6 7.9 11.9

68 6.6 4.8 7.2



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

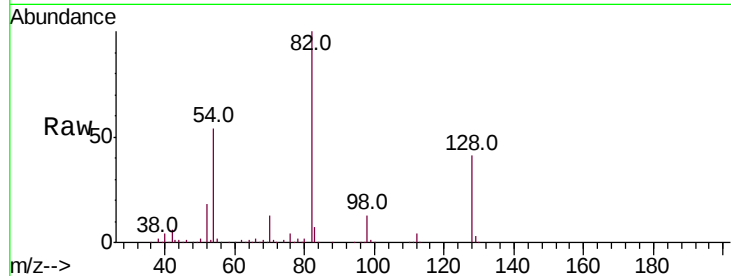




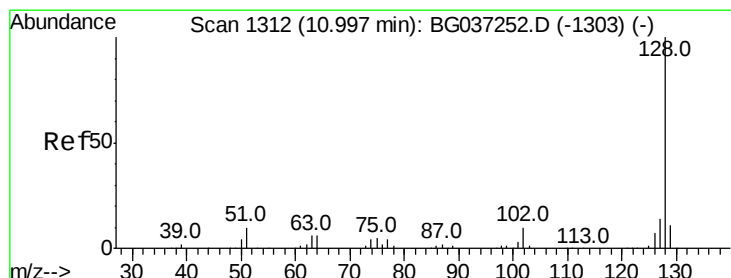
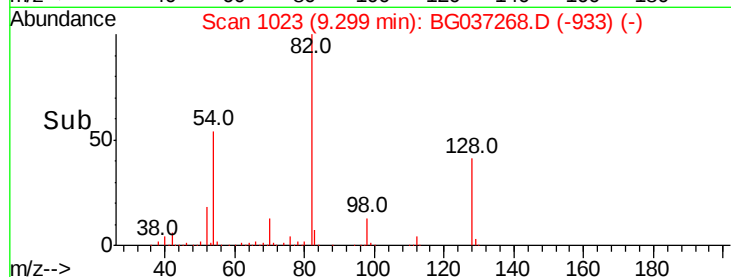
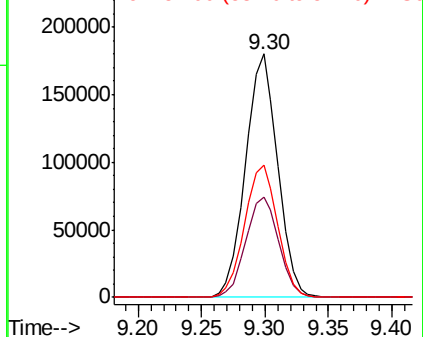
#23
Nitrobenzene-d5
Concen: 86.409 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

Tot Ion: 82 Resp: 317957
Ion Ratio Lower Upper
82 100
128 41.0 34.6 51.8
54 54.4 45.3 67.9

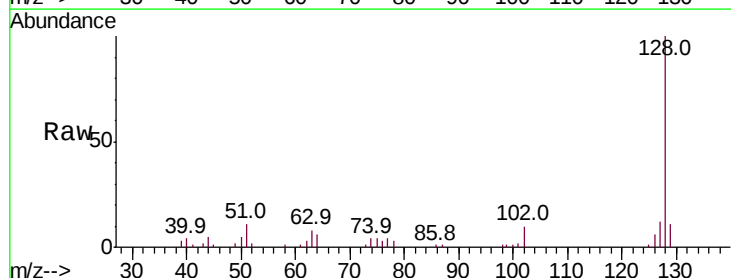


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

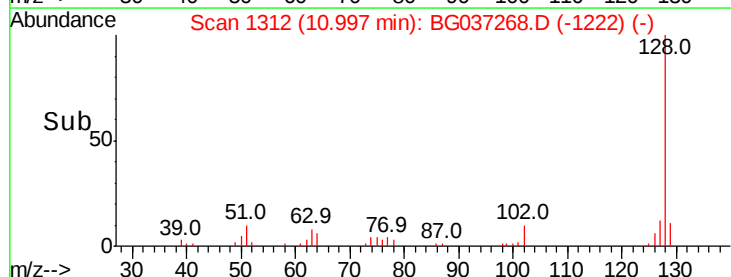
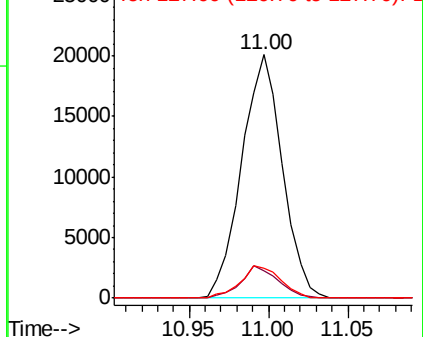


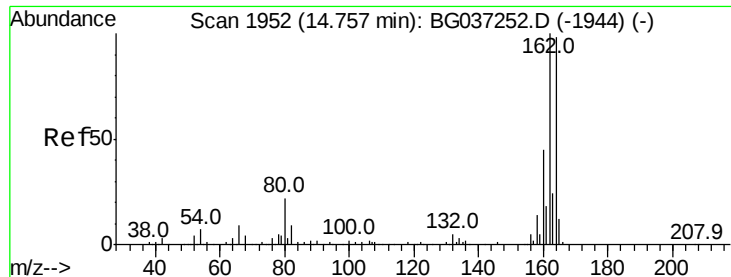
#31
Naphthalene
Concen: 3.040 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

Tgt Ion: 128 Resp: 35740
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.2 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG037268.D

Acq: 11 Oct 2018 21:56

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE

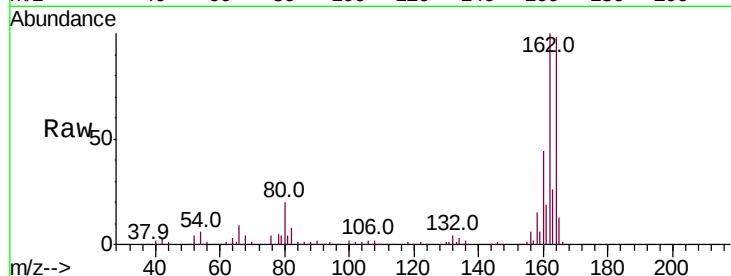
Tot Ion:164 Resp: 160523

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

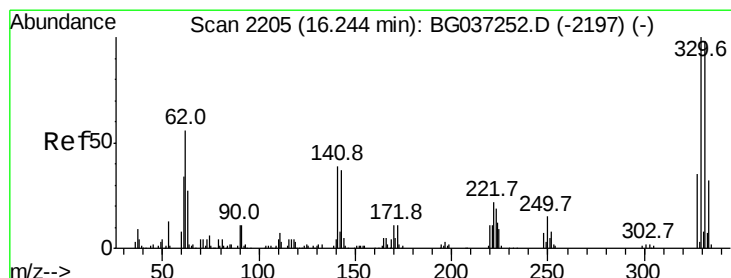
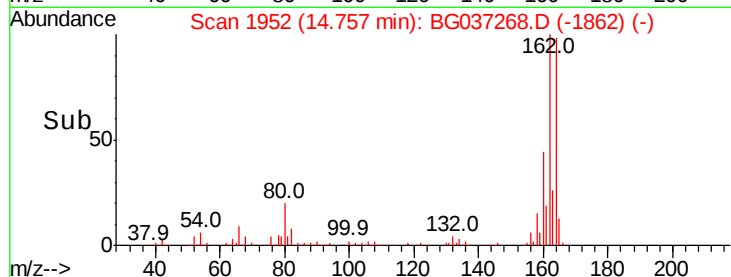
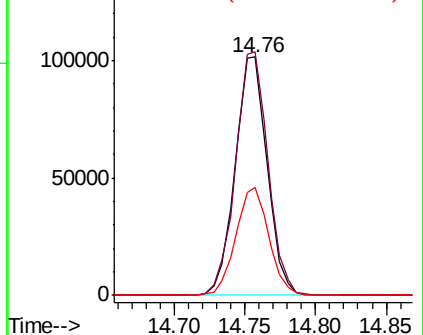
160 45.1 36.3 54.5



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: 126.780 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037268.D

Acq: 11 Oct 2018 21:56

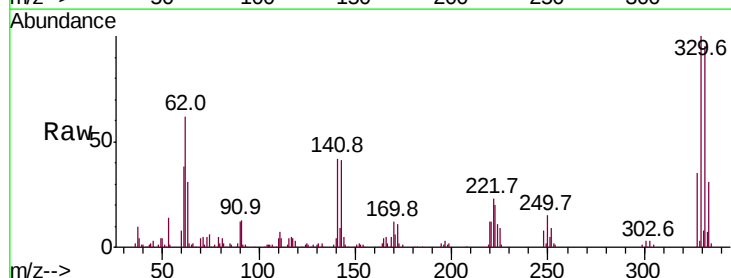
Tgt Ion:330 Resp: 199588

Ion Ratio Lower Upper

330 100

332 97.5 78.4 117.6

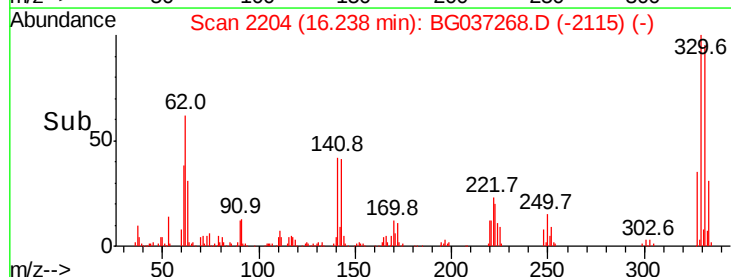
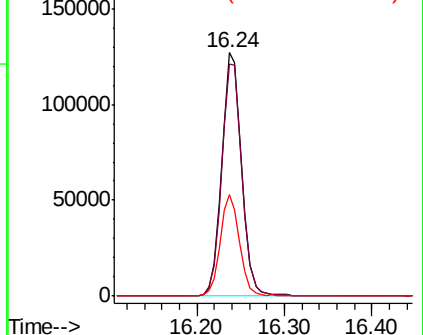
141 40.5 32.2 48.2

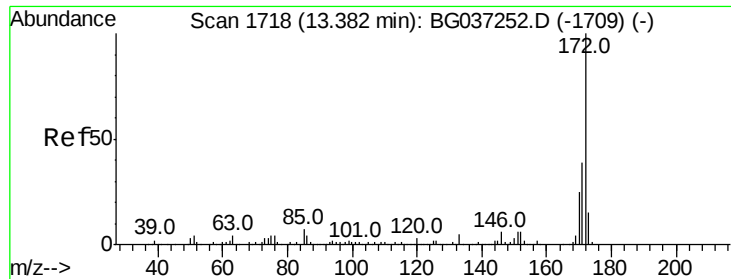


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

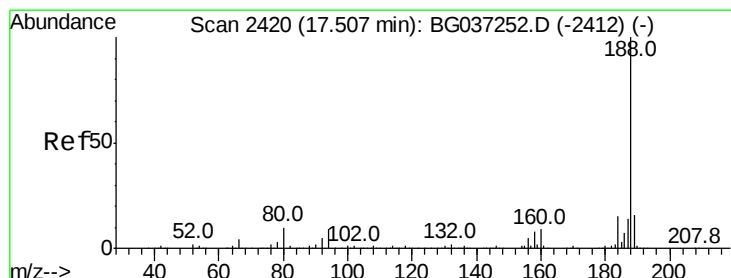
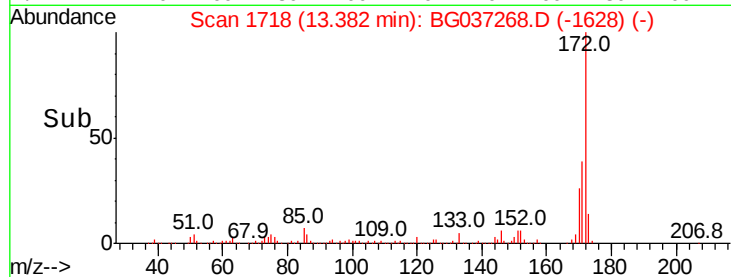
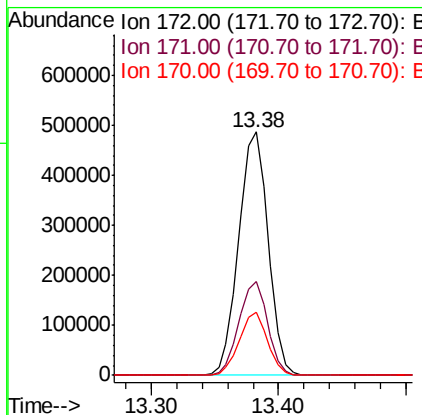
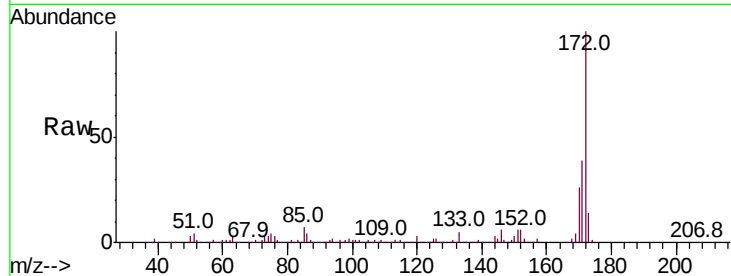




#45
 2-Fluorobiphenyl
 Concen: 73.366 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG037268.D
 Acq: 11 Oct 2018 21:56

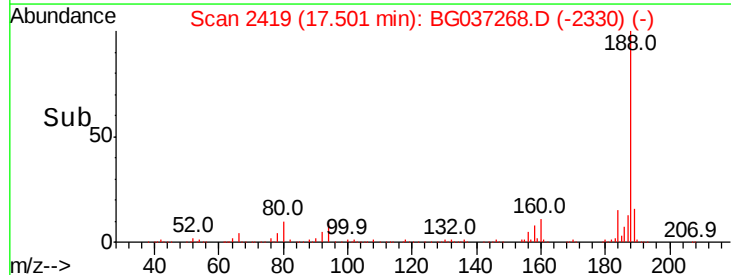
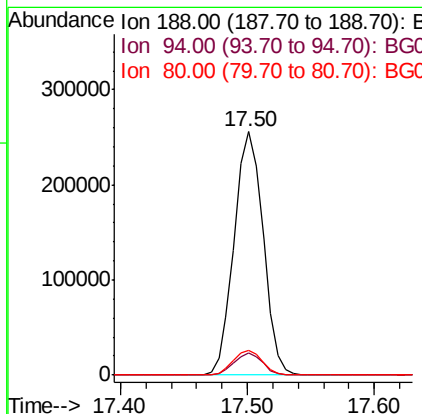
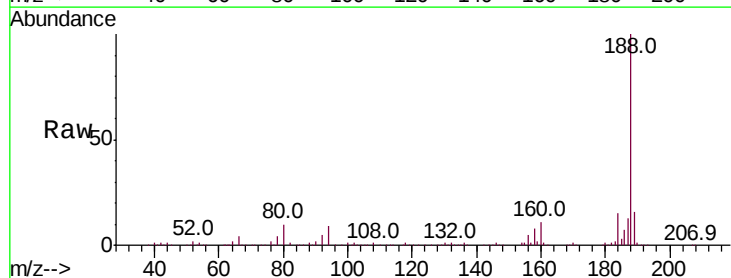
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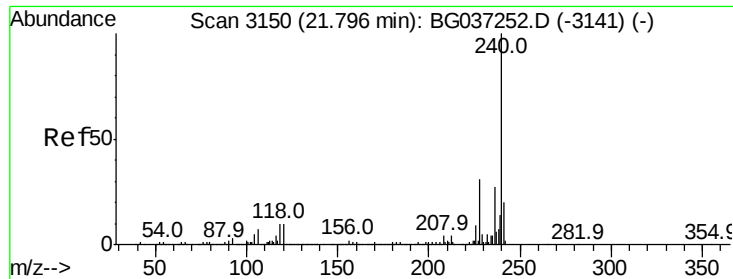
Tot Ion:172 Resp: 784211
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.0 46.4
 170 25.8 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG037268.D
 Acq: 11 Oct 2018 21:56

Tgt Ion:188 Resp: 406137
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.2 10.8
 80 10.1 7.7 11.5

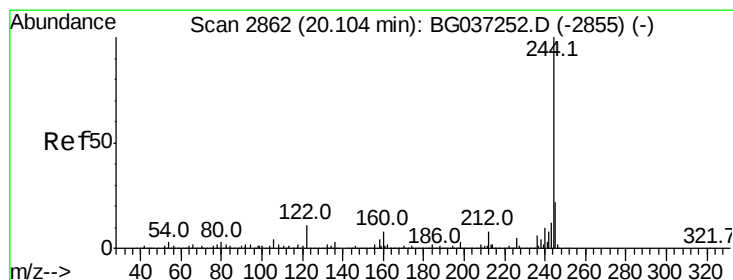
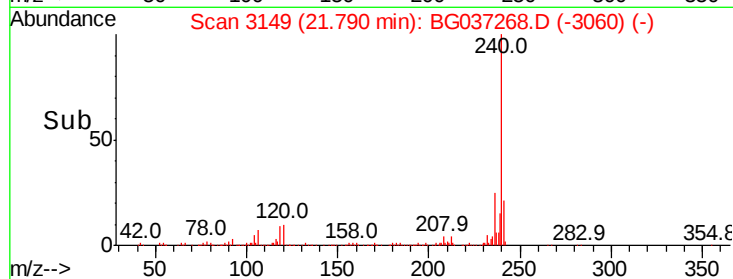
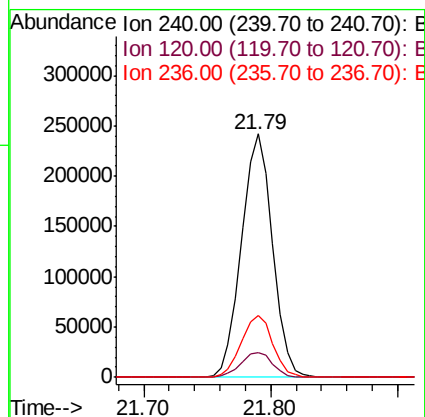
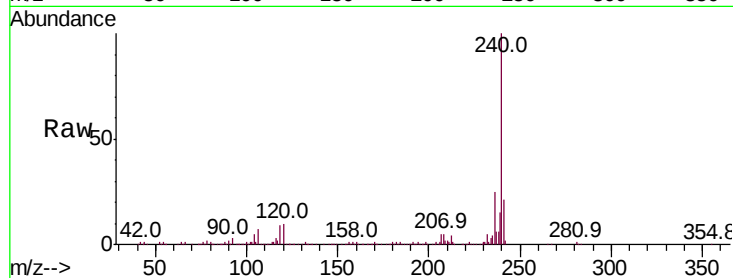




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG037268.D
 Acq: 11 Oct 2018 21:56

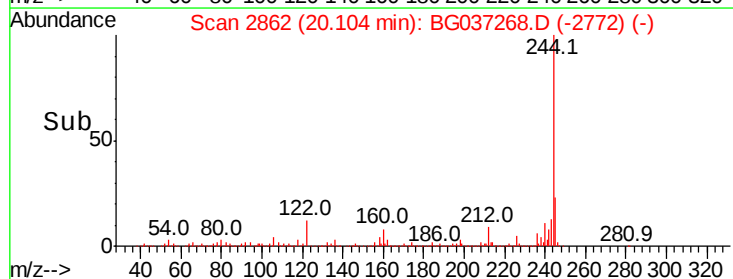
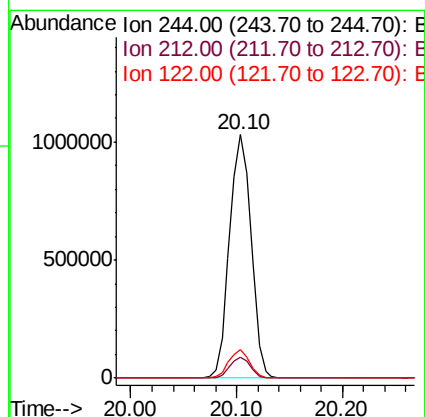
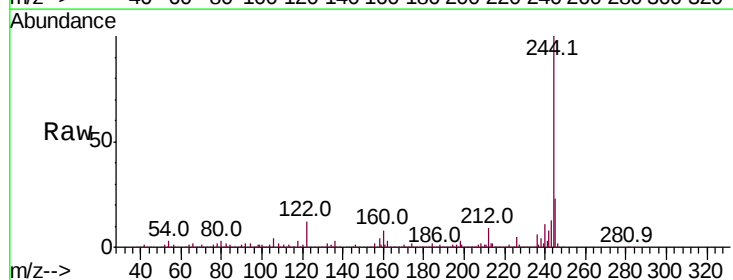
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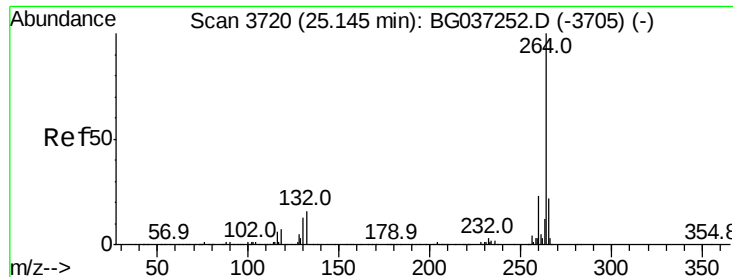
Tot Ion:240 Resp: 409917
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 25.4 21.4 32.0



#79
 Terphenyl-d14
 Concen: 74.696 ng
 RT: 20.10 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BG037268.D
 Acq: 11 Oct 2018 21:56

Tgt Ion:244 Resp: 1458222
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 11.6 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG037268.D
Acq: 11 Oct 2018 21:56

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	22.4	17.9	26.9

