

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036886.D
 Acq On : 22 Sep 2018 9:40
 Operator : JU/SJ
 Sample : J5021-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-D

Quant Time: Sep 24 04:07:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36021	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	154377	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	105773	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	291300	20.00	ng	0.00
75) Chrysene-d12	21.68	240	324888	20.00	ng	0.00
86) Perylene-d12	24.89	264	320895	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	264112	140.62	ng	0.00
7) Phenol-d6	7.21	99	344679	118.61	ng	0.00
23) Nitrobenzene-d5	9.21	82	262540	91.07	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	179082	141.51	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	589151	82.96	ng	0.00
78) Terphenyl-d14	20.03	244	1231046	99.64	ng	0.00

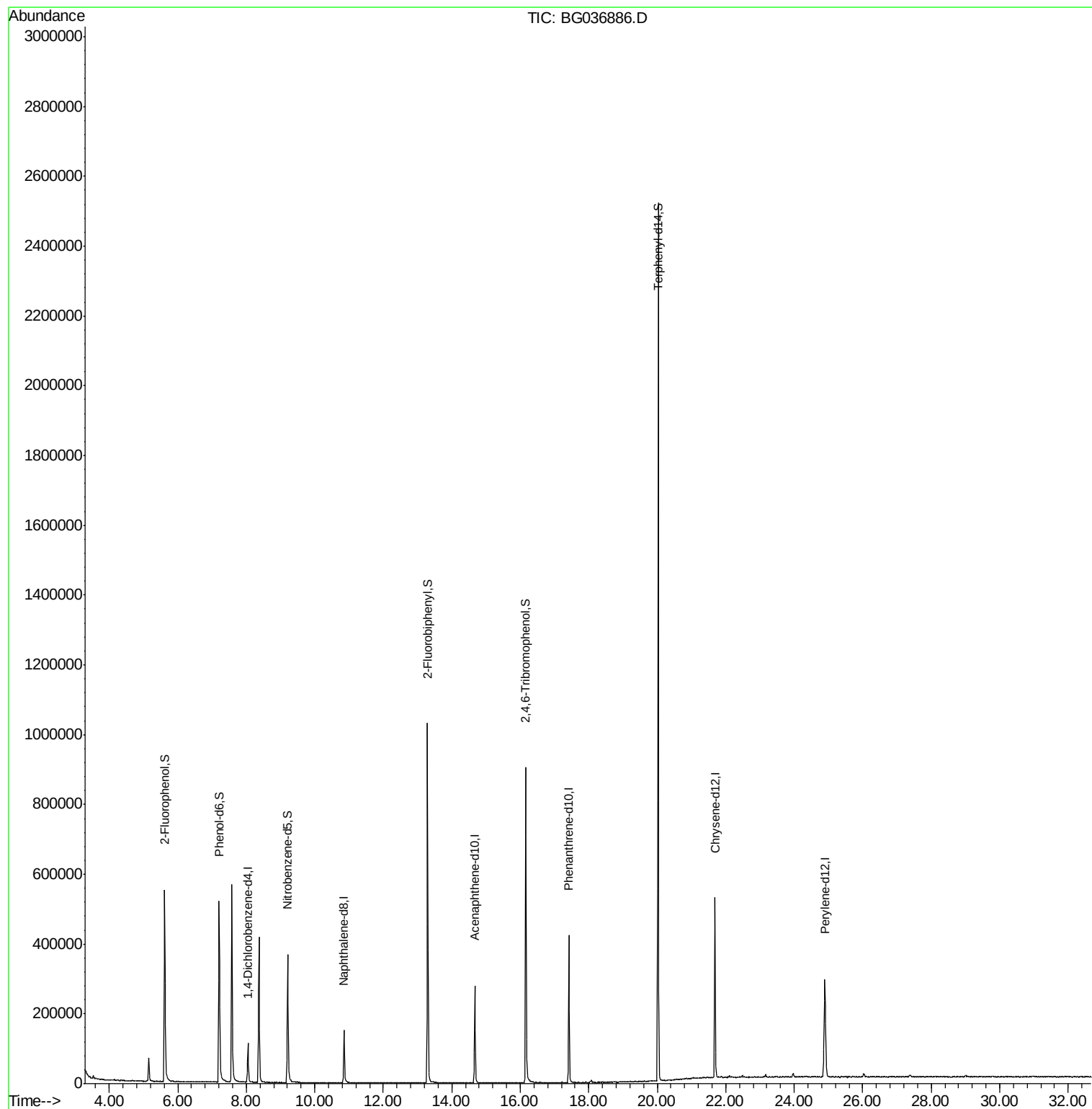
Target Compounds Qvalue

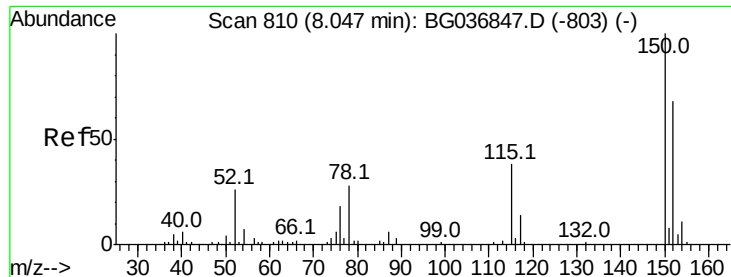
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG036886.D

Acq: 22 Sep 2018 9:40

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-D

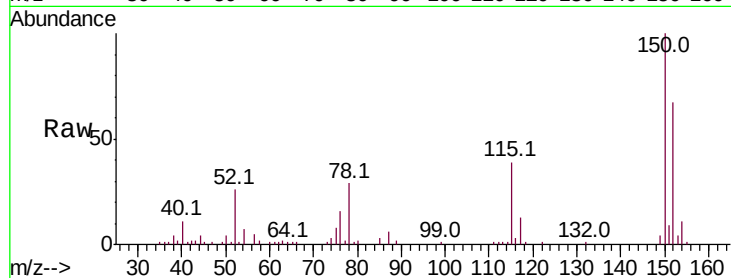
Tot Ion:152 Resp: 36021

Ion Ratio Lower Upper

152 100

150 150.1 119.5 179.3

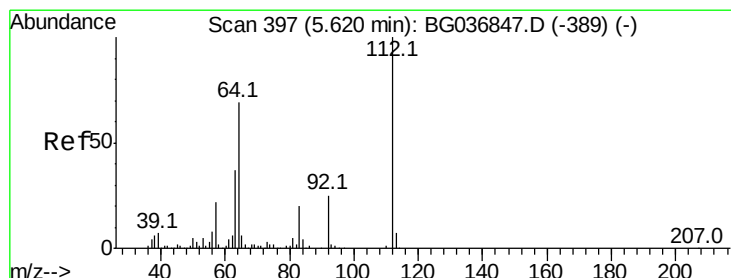
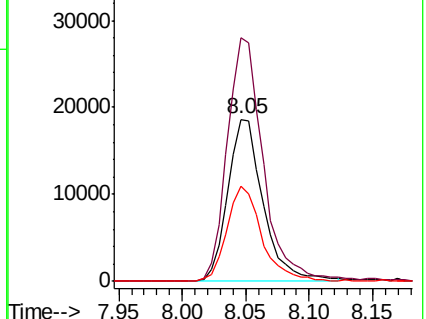
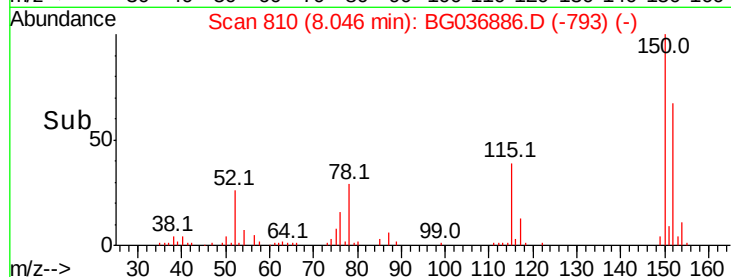
115 58.5 44.5 66.7



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: 140.615 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036886.D

Acq: 22 Sep 2018 9:40

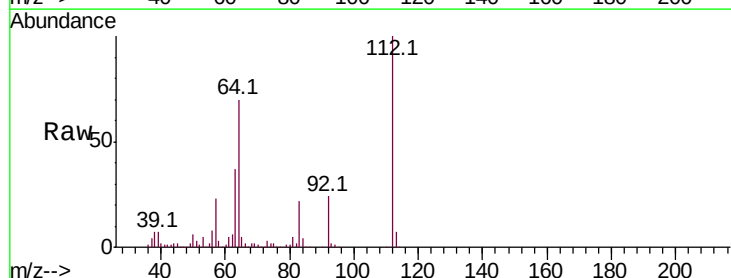
Tgt Ion:112 Resp: 264112

Ion Ratio Lower Upper

112 100

64 69.7 57.2 85.8

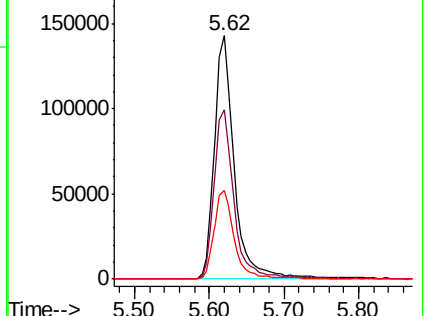
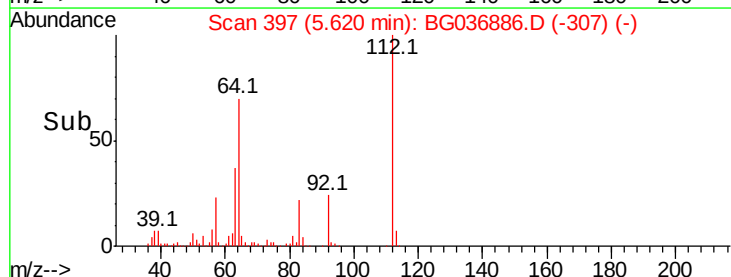
63 36.7 30.8 46.2

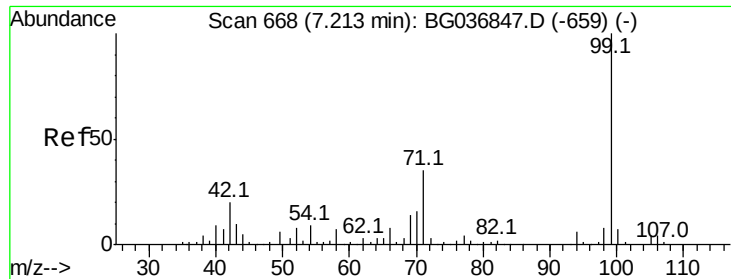


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 118.610 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036886.D

Acq: 22 Sep 2018 9:40

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-D

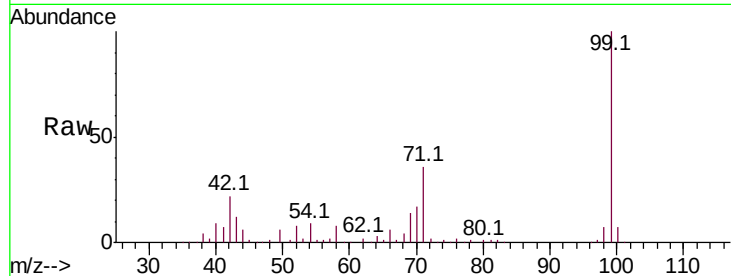
Tot Ion: 99 Resp: 344679

Ion Ratio Lower Upper

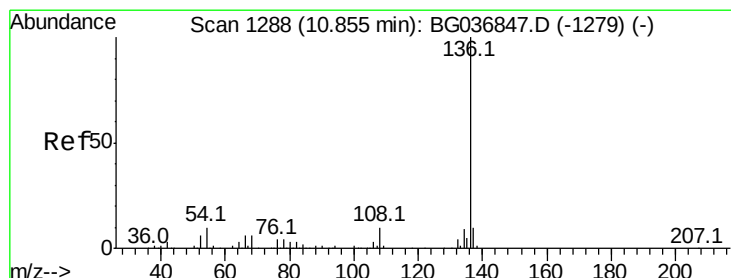
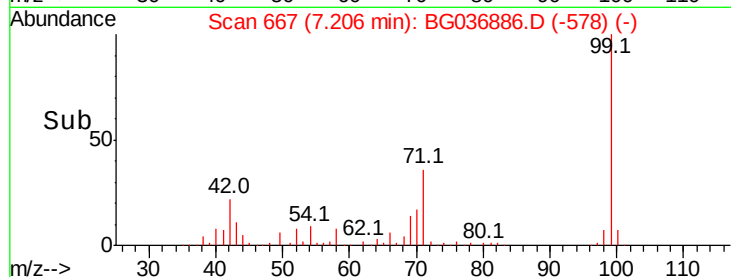
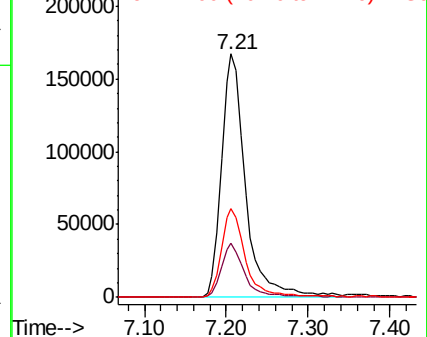
99 100

42 22.1 16.5 24.7

71 36.3 29.4 44.2



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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036886.D

Acq: 22 Sep 2018 9:40

Tgt Ion: 136 Resp: 154377

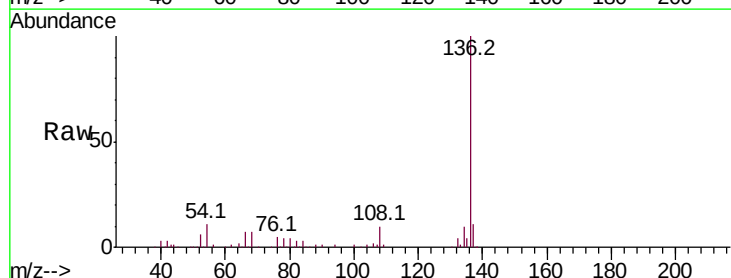
Ion Ratio Lower Upper

136 100

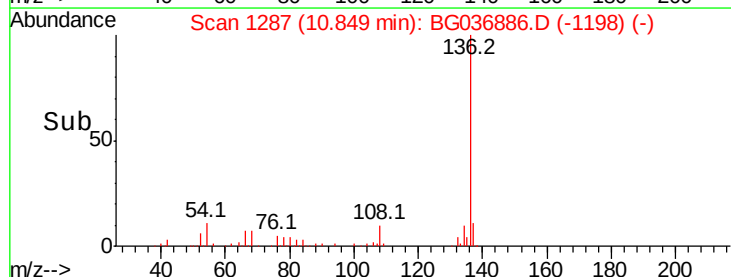
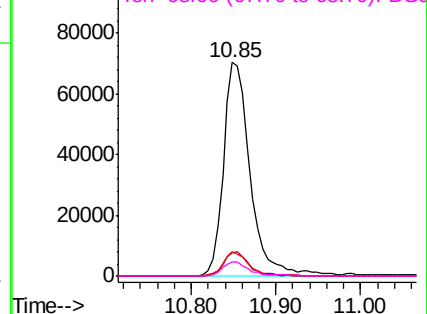
137 10.5 8.8 13.2

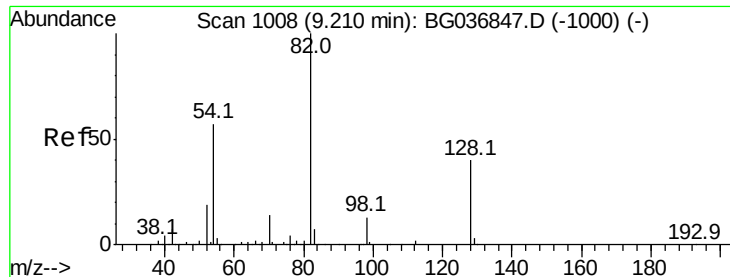
54 11.4 9.2 13.8

68 6.7 5.8 8.6



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

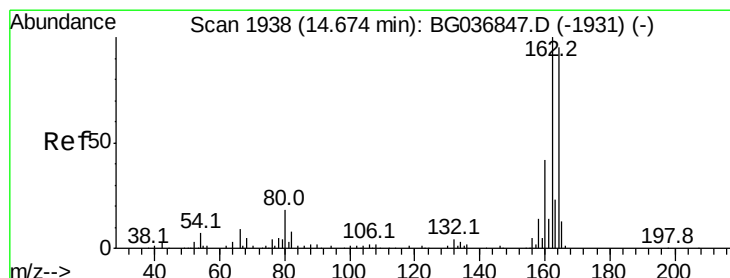
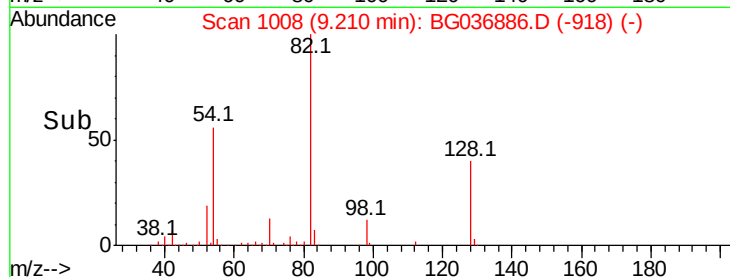
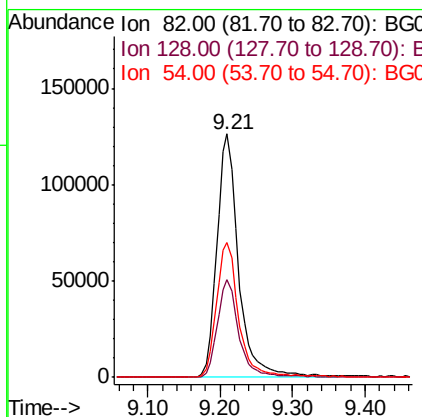
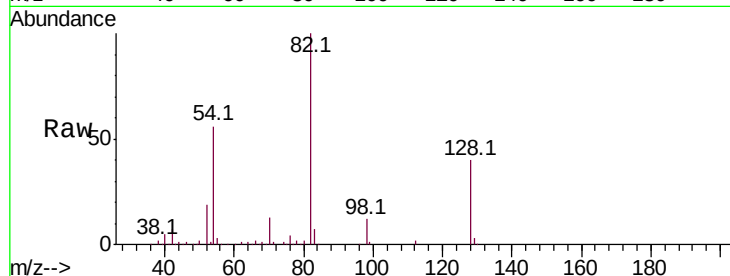




#23
Nitrobenzene-d5
Concen: 91.071 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG036886.D
Acq: 22 Sep 2018 9:40

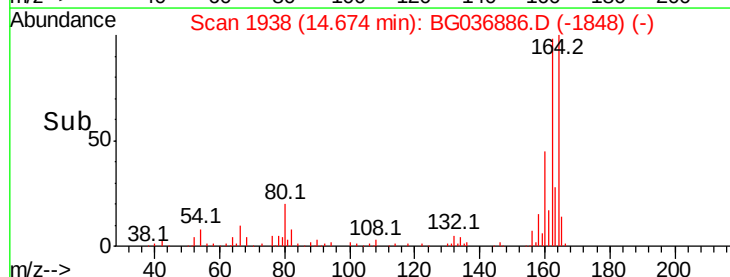
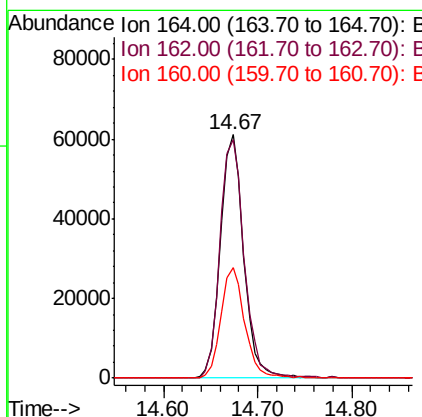
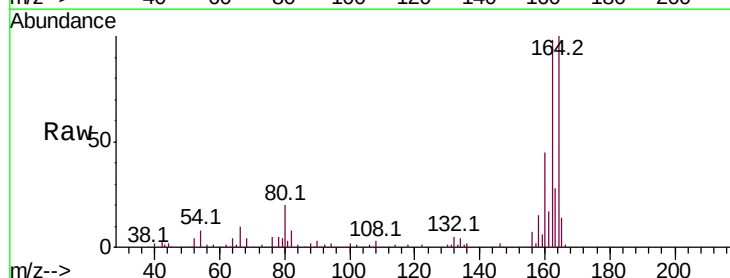
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-D

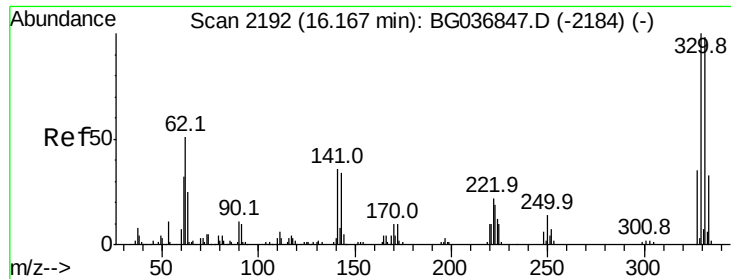
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	55.6	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG036886.D
Acq: 22 Sep 2018 9:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.7	121.1
160	45.5	35.3	52.9

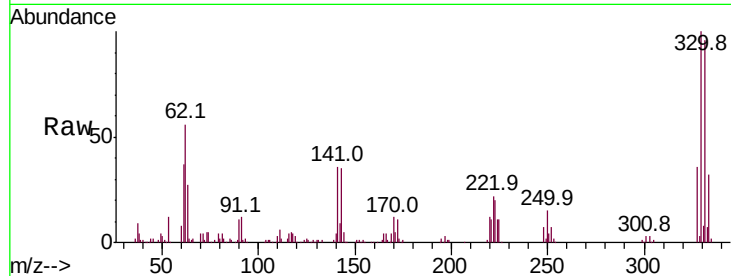




#41
 2,4,6-Tribromophenol
 Concen: 141.510 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036886.D
 Acq: 22 Sep 2018 9:40

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.4	113.2
141	38.4	30.7	46.1

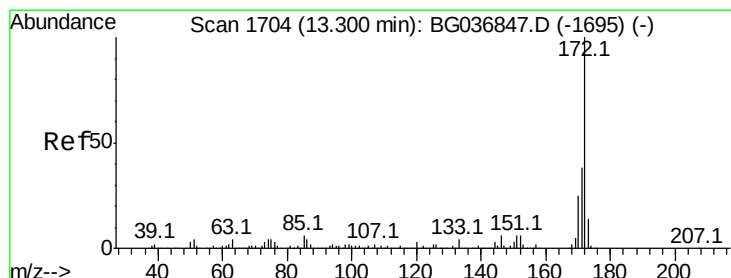
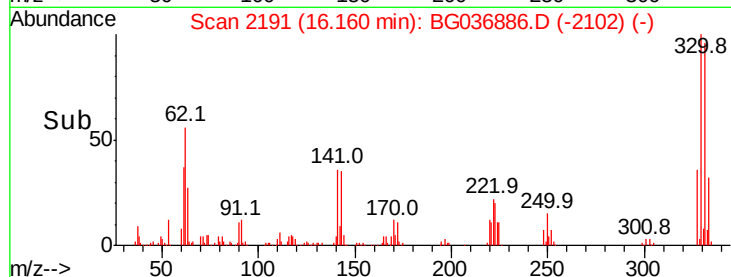
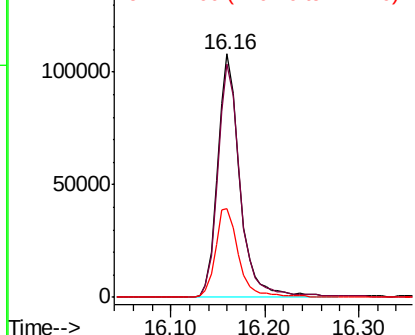


Abundance

Ion 329.80 (329.50 to 330.50): E

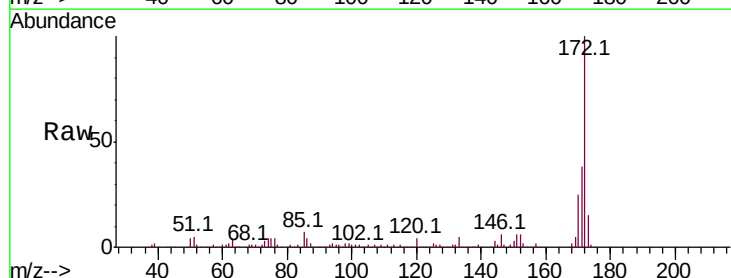
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.958 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036886.D
 Acq: 22 Sep 2018 9:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	24.5	21.0	31.6

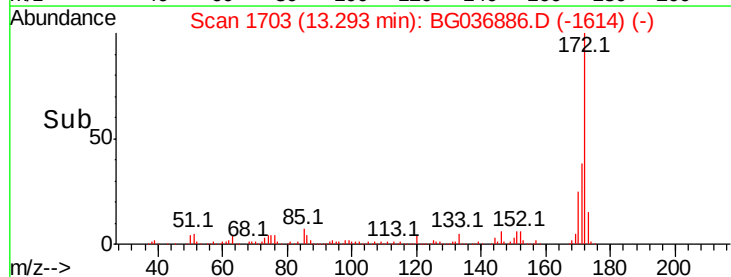
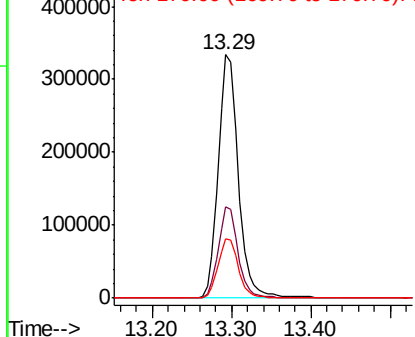


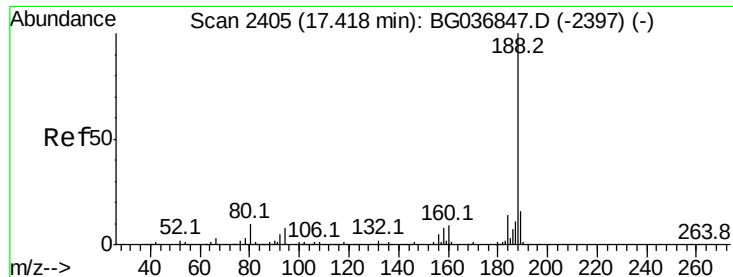
Abundance

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

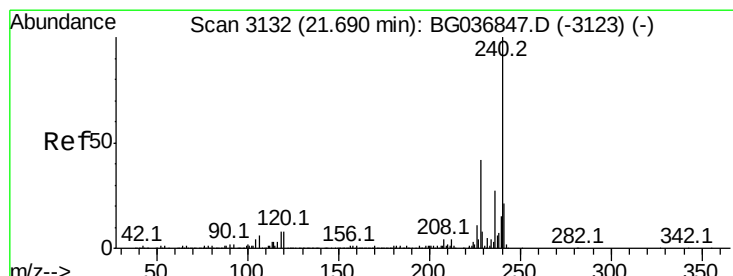
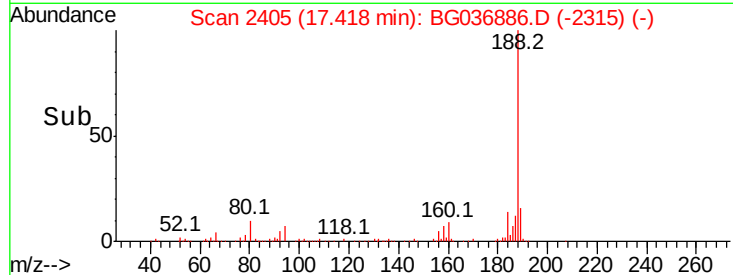
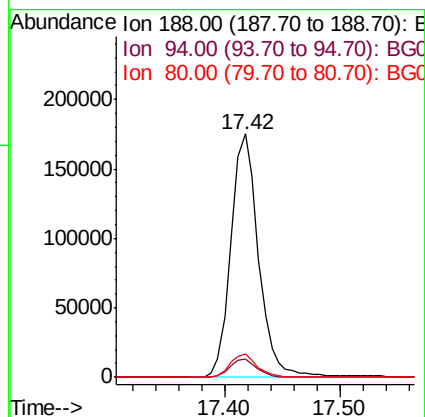
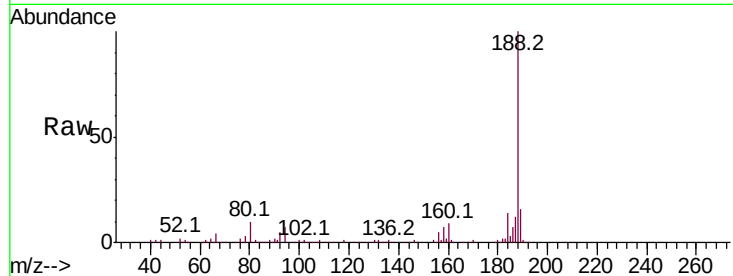




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG036886.D
Acq: 22 Sep 2018 9:40

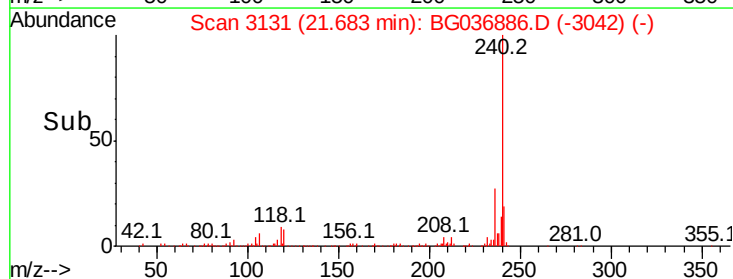
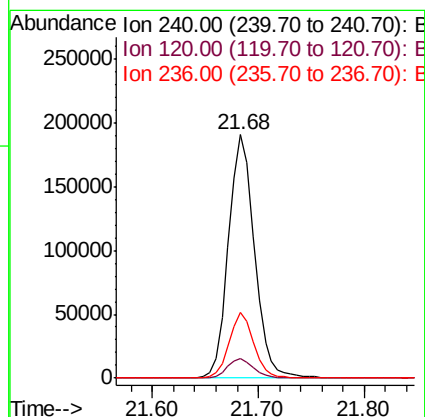
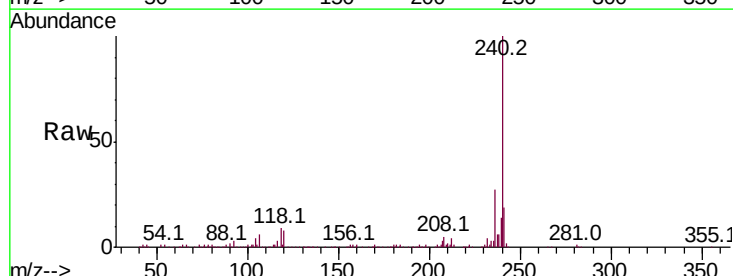
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-D

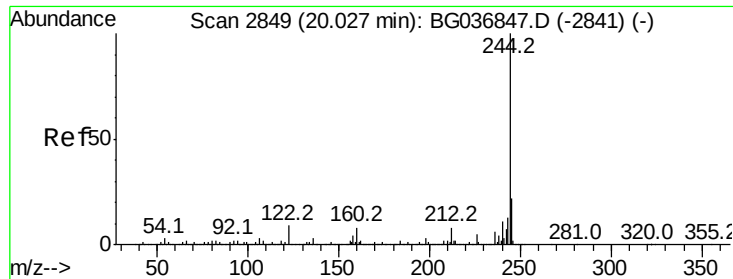
Tot Ion:188 Resp: 291300
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 9.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036886.D
Acq: 22 Sep 2018 9:40

Tgt Ion:240 Resp: 324888
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.8 21.2 31.8



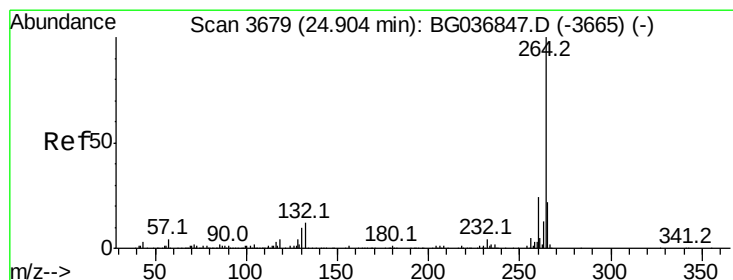
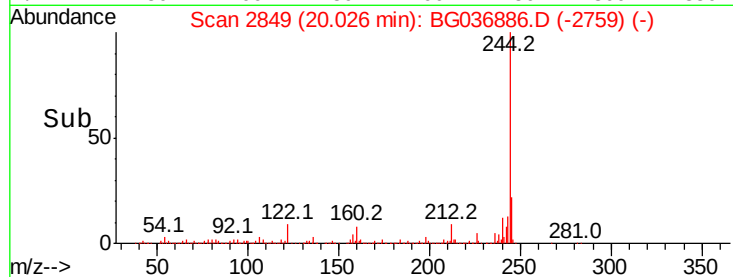
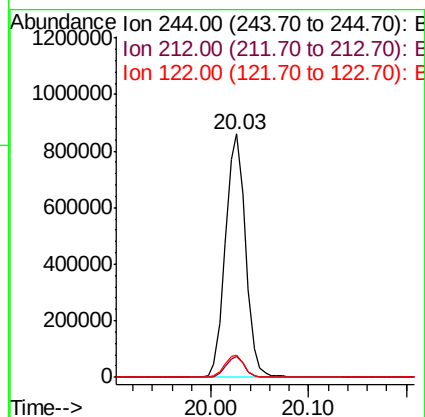
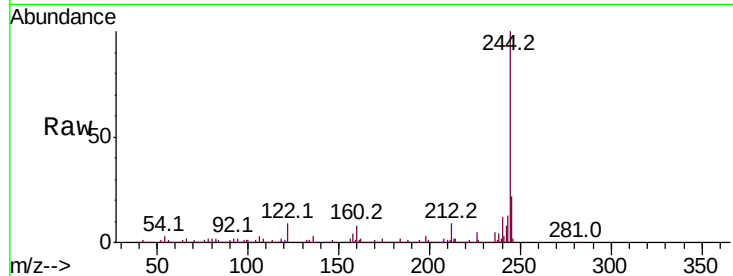


#78
 Terphenyl-d14
 Concen: 99.635 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036886.D
 Acq: 22 Sep 2018 9:40

Instrument :
 BNA_G
 ClientSampleID :
 LS-SOIL-D

Tot Ion:244 Resp: 1231046

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.9	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036886.D
 Acq: 22 Sep 2018 9:40

Tgt Ion:264 Resp: 320895

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	21.4	17.4	26.0

