

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036885.D
 Acq On : 22 Sep 2018 9:01
 Operator : JU/SJ
 Sample : J5021-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-C

Quant Time: Sep 24 04:05:30 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	36846	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	156646	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	106423	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	292696	20.00	ng	0.00
75) Chrysene-d12	21.68	240	322658	20.00	ng	0.00
86) Perylene-d12	24.89	264	315861	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	261314	136.01	ng	0.00
7) Phenol-d6	7.21	99	340150	114.43	ng	0.00
23) Nitrobenzene-d5	9.21	82	264665	90.48	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	183163	143.85	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	613363	85.84	ng	0.00
78) Terphenyl-d14	20.03	244	1240395	101.09	ng	0.00

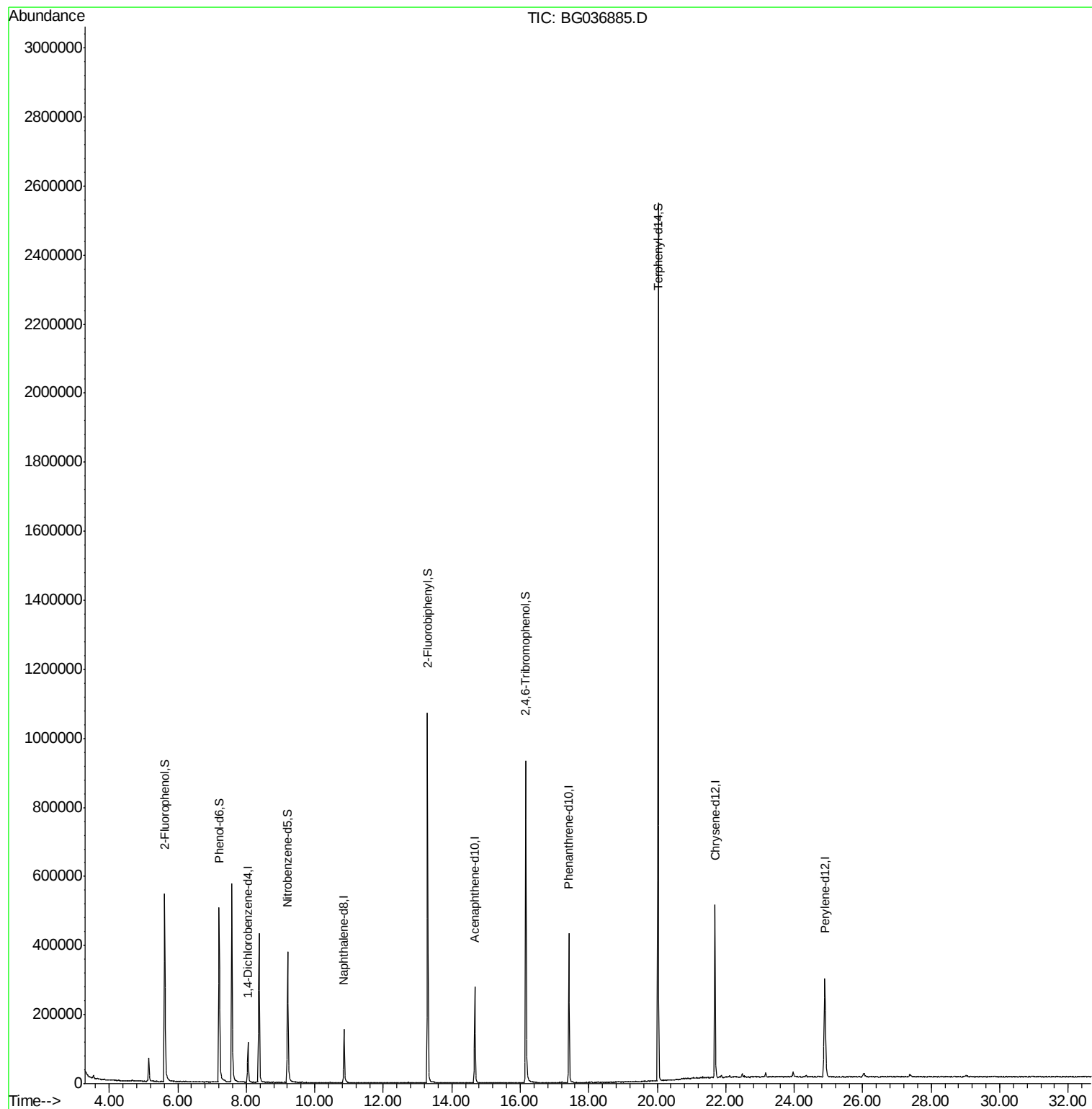
Target Compounds Qvalue

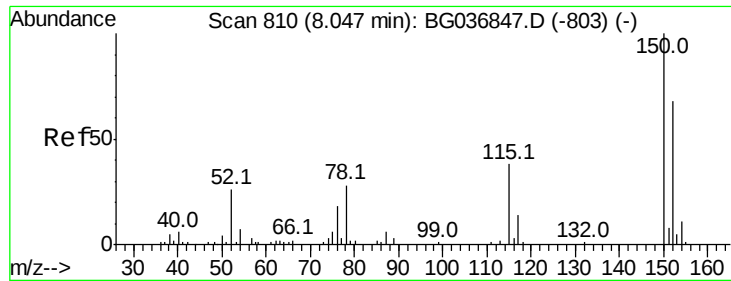
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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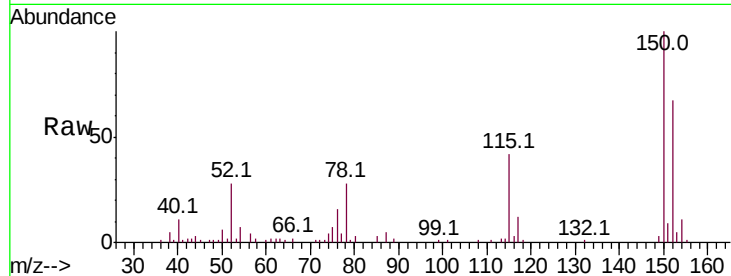


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036885.D
Acq: 22 Sep 2018 9:01

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	119.5	179.3
115	62.1	44.5	66.7

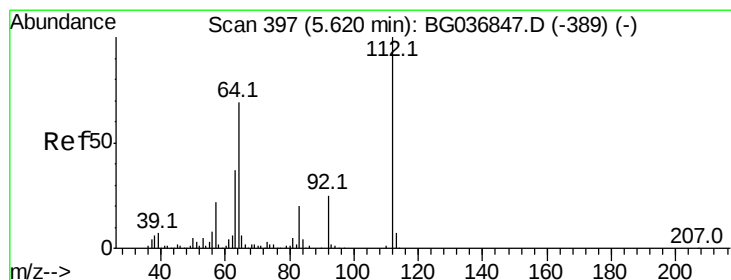
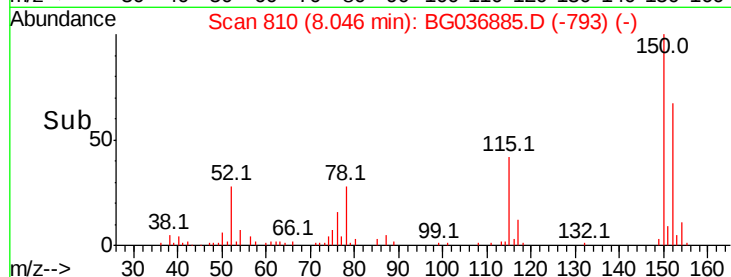
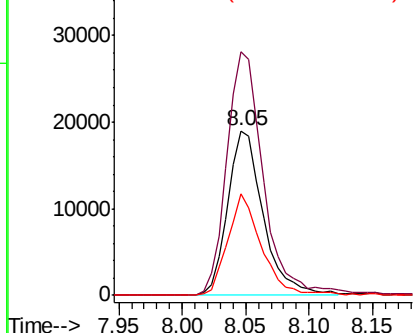


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

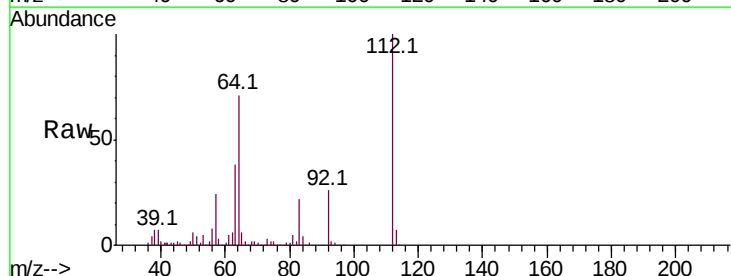
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.010 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036885.D
Acq: 22 Sep 2018 9:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.2	85.8
63	38.5	30.8	46.2

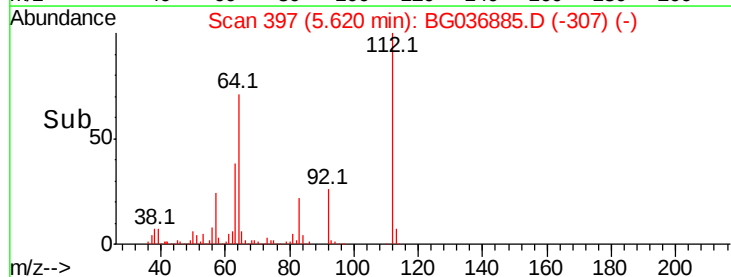
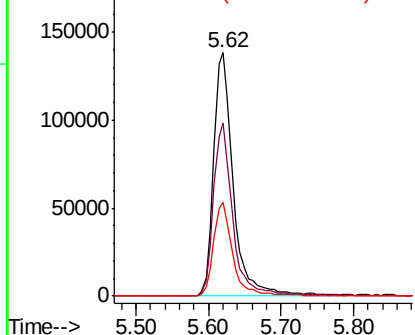


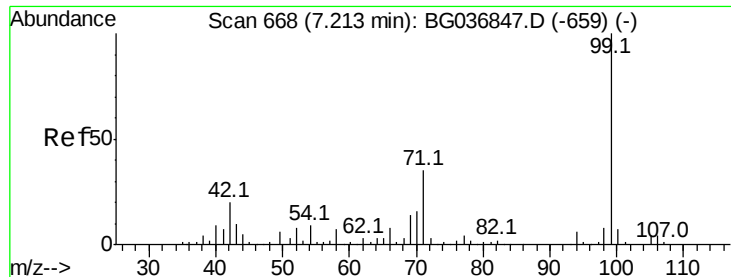
Abundance

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: 114.430 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036885.D

Acq: 22 Sep 2018 9:01

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-C

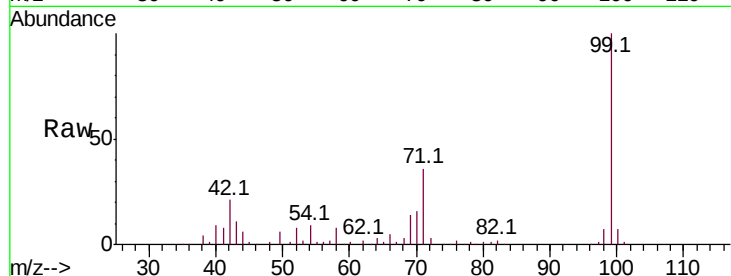
Tot Ion: 99 Resp: 340150

Ion Ratio Lower Upper

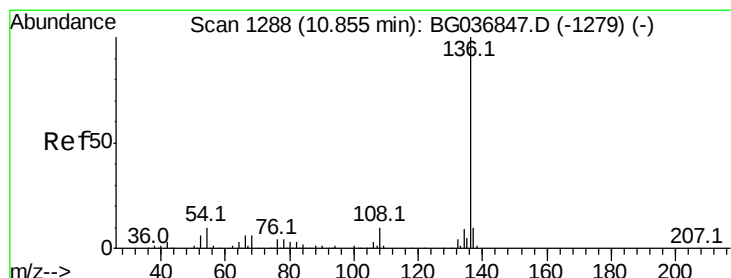
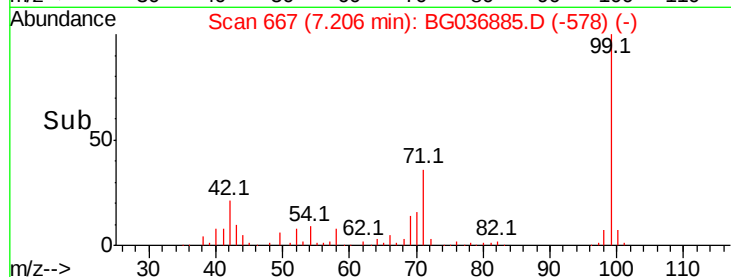
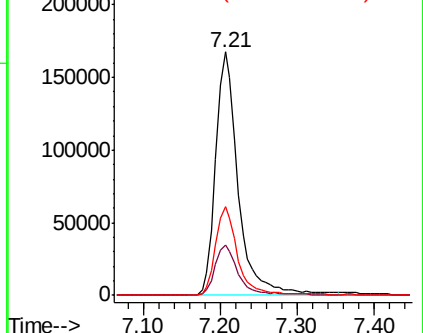
99 100

42 20.6 16.5 24.7

71 36.4 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: BG036885.D

Acq: 22 Sep 2018 9:01

Tgt Ion: 136 Resp: 156646

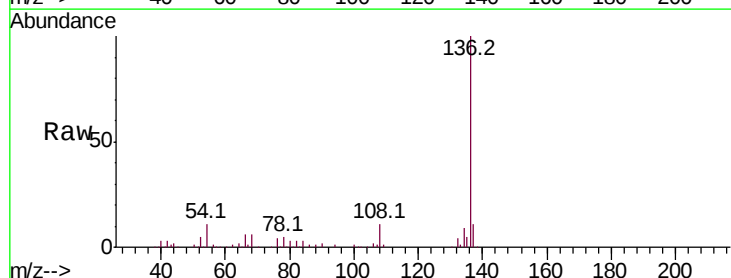
Ion Ratio Lower Upper

136 100

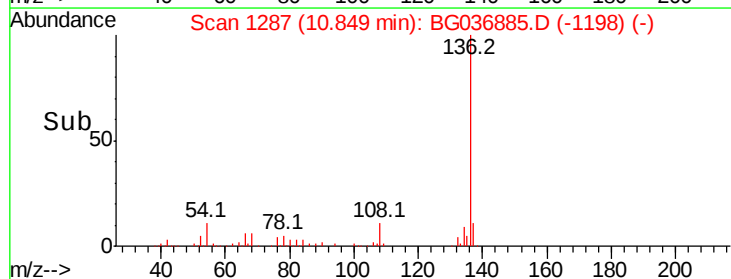
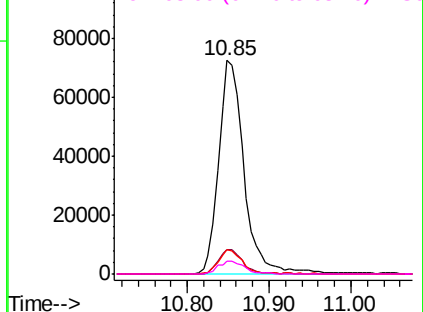
137 11.4 8.8 13.2

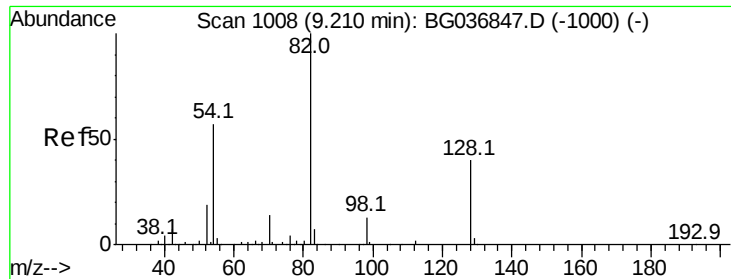
54 11.2 9.2 13.8

68 6.1 5.8 8.6



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): BGC
Ion 68.00 (67.70 to 68.70): BGC

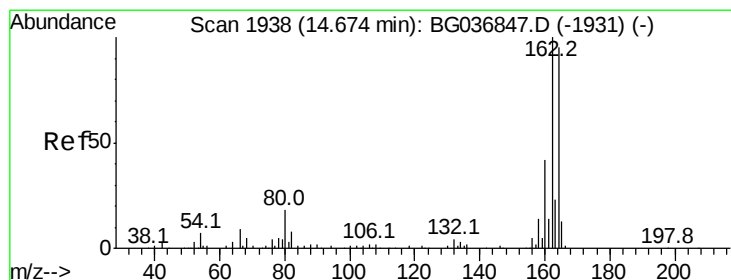
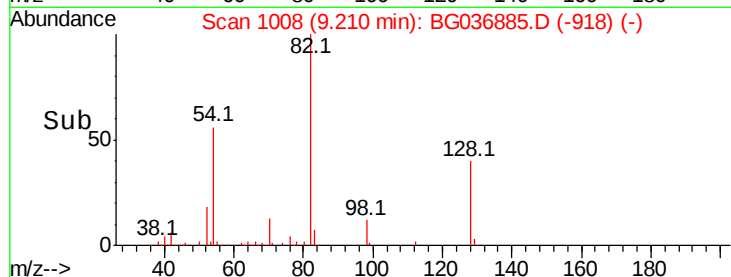
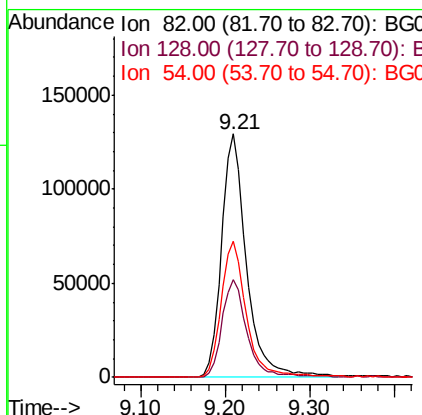
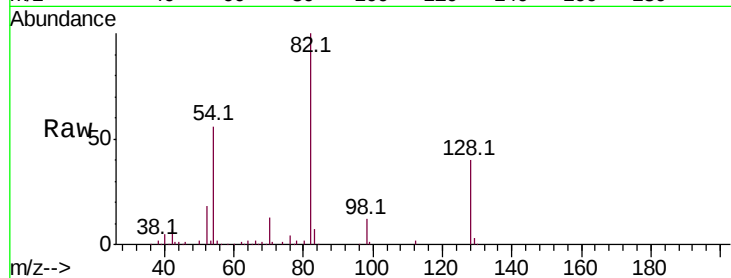




#23
 Nitrobenzene-d5
 Concen: 90.478 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BG036885.D
 Acq: 22 Sep 2018 9:01

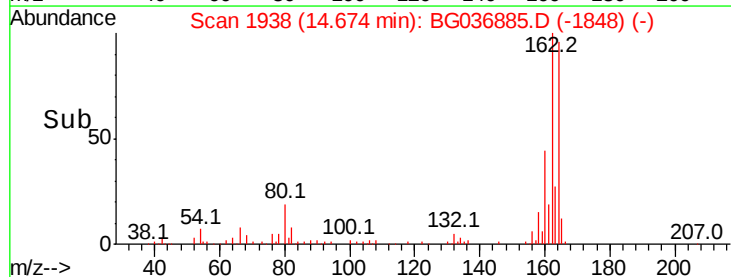
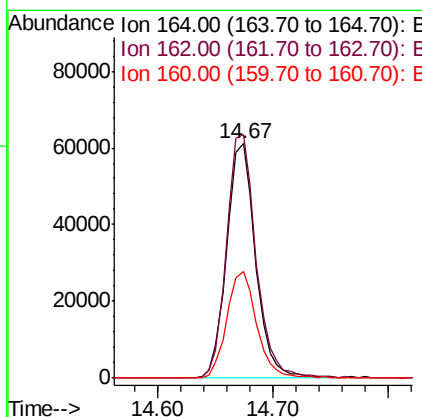
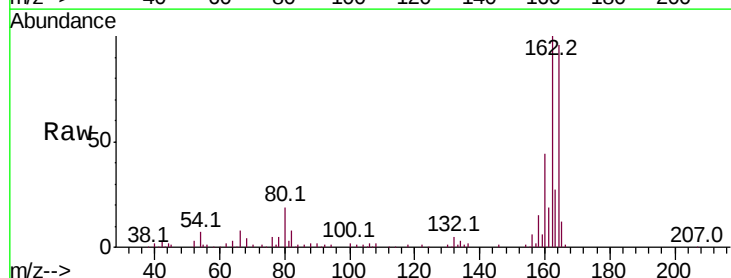
Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-C

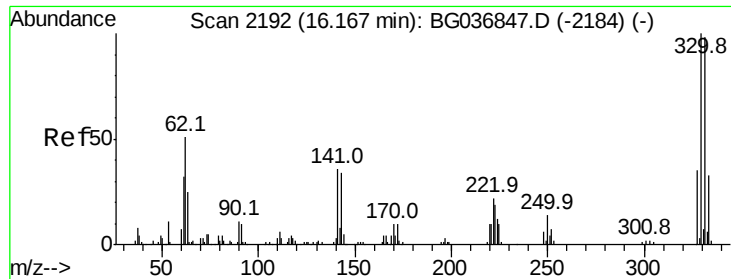
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	56.1	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG036885.D
 Acq: 22 Sep 2018 9:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.7	121.1
160	45.4	35.3	52.9

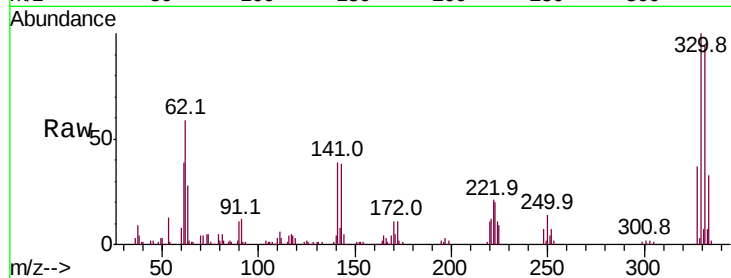




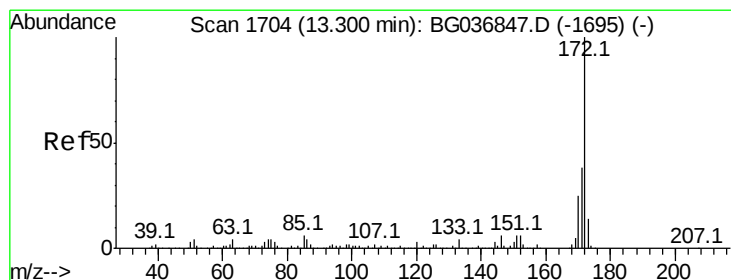
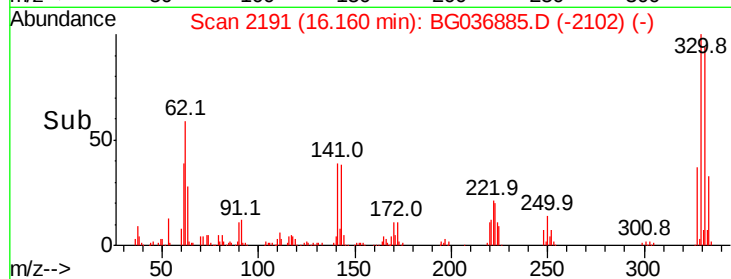
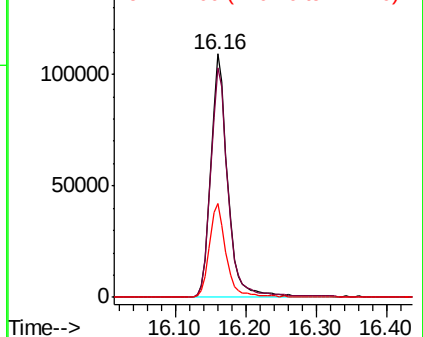
#41
 2,4,6-Tribromophenol
 Concen: 143.851 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036885.D
 Acq: 22 Sep 2018 9:01

Instrument :
 BNA_G
 ClientSampled :
 LS-SOIL-C

Tot Ion:330 Resp: 183163
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.4 113.2
 141 38.3 30.7 46.1

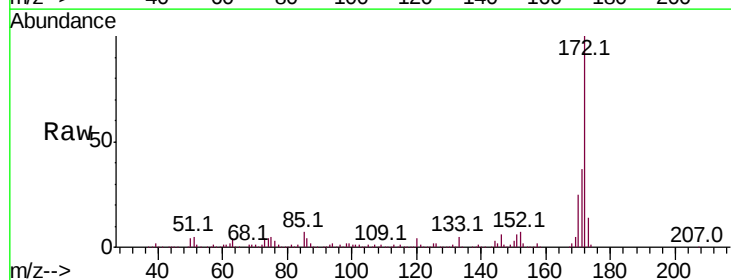


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

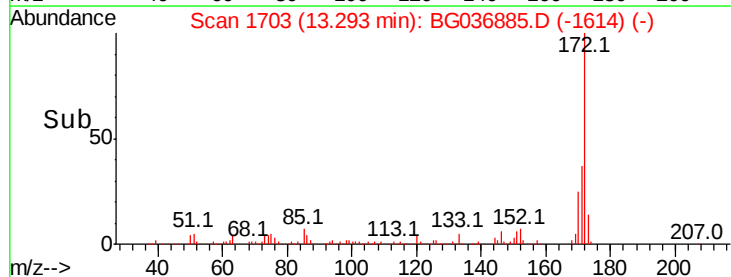
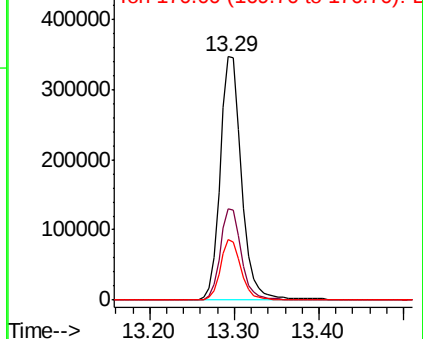


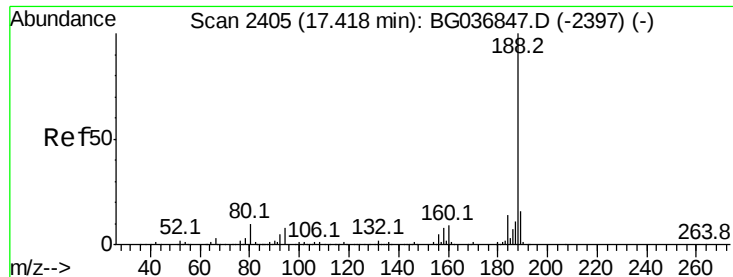
#44
 2-Fluorobiphenyl
 Concen: 85.840 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036885.D
 Acq: 22 Sep 2018 9:01

Tgt Ion:172 Resp: 613363
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 24.8 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

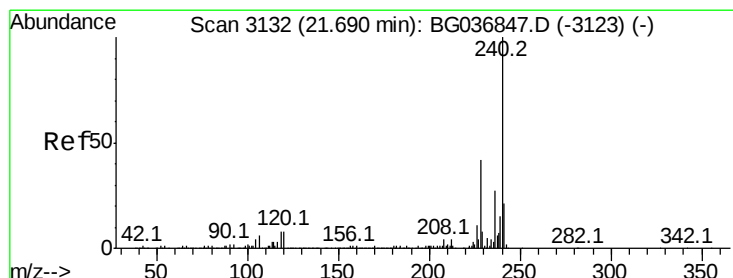
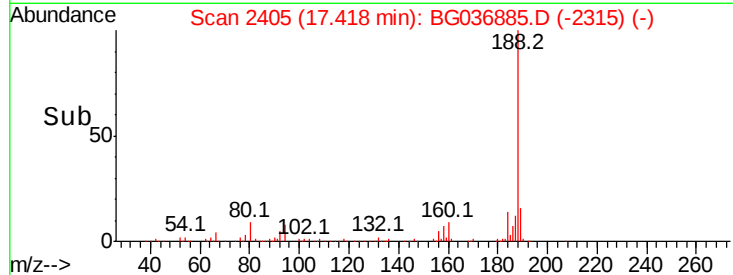
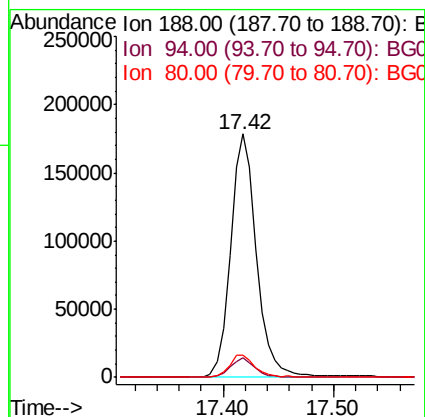
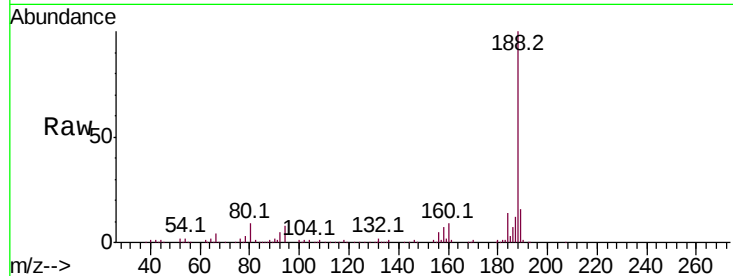




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG036885.D
Acq: 22 Sep 2018 9:01

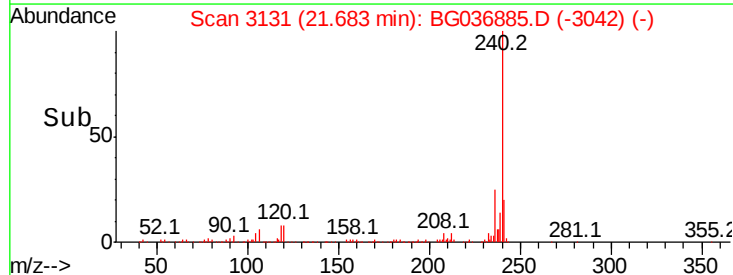
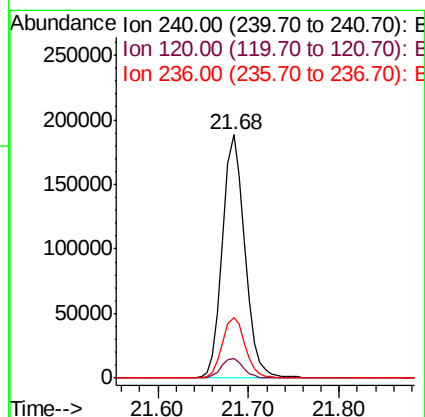
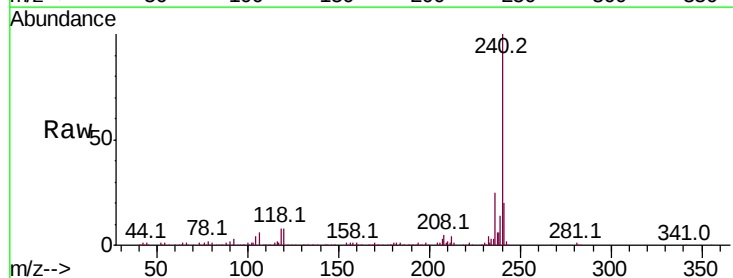
Instrument :
BNA_G
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LS-SOIL-C

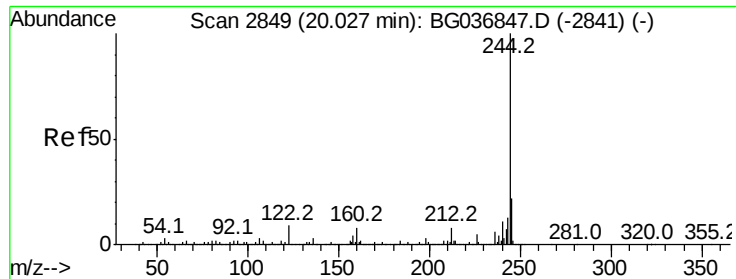
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.1	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036885.D
Acq: 22 Sep 2018 9:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.9	10.3
236	24.8	21.2	31.8



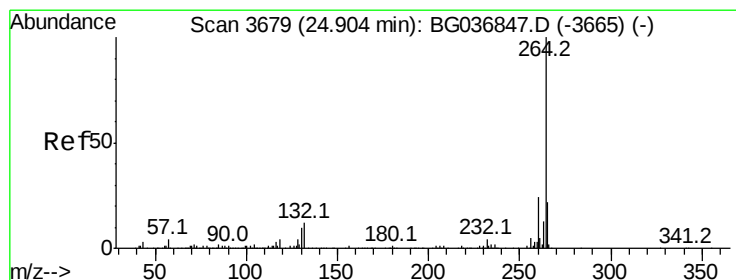
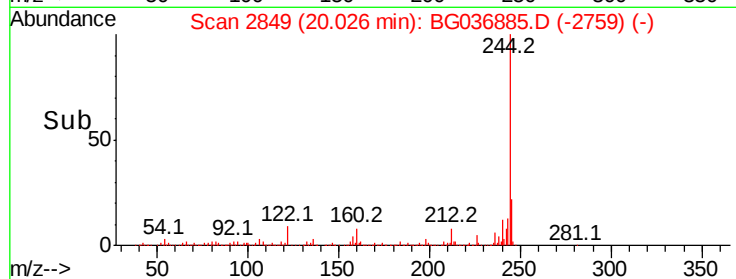
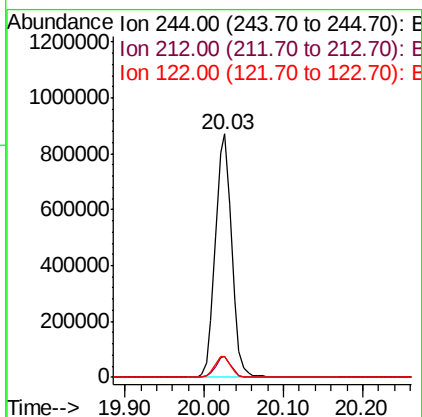
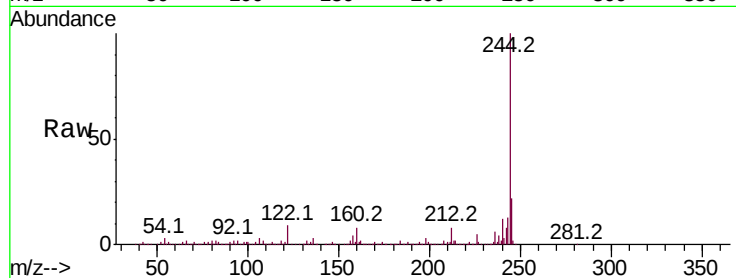


#78
 Terphenyl-d14
 Concen: 101.086 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036885.D
 Acq: 22 Sep 2018 9:01

Instrument :
 BNA_G
 ClientSampleID :
 LS-SOIL-C

Tot Ion:244 Resp: 1240395

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.8	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: BG036885.D
 Acq: 22 Sep 2018 9:01

Tgt Ion:264 Resp: 315861

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.4	17.4	26.0

