

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036887.D
 Acq On : 22 Sep 2018 10:20
 Operator : JU/SJ
 Sample : J5021-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-E

Quant Time: Sep 24 04:08:29 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	36072	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	153564	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	102466	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	277237	20.00	ng	0.00
75) Chrysene-d12	21.68	240	306299	20.00	ng	0.00
86) Perylene-d12	24.89	264	298130	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	249811	132.81	ng	0.00
7) Phenol-d6	7.21	99	322440	110.80	ng	0.00
23) Nitrobenzene-d5	9.21	82	258098	90.00	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	170821	139.34	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	586596	85.26	ng	0.00
78) Terphenyl-d14	20.03	244	1184278	101.67	ng	0.00

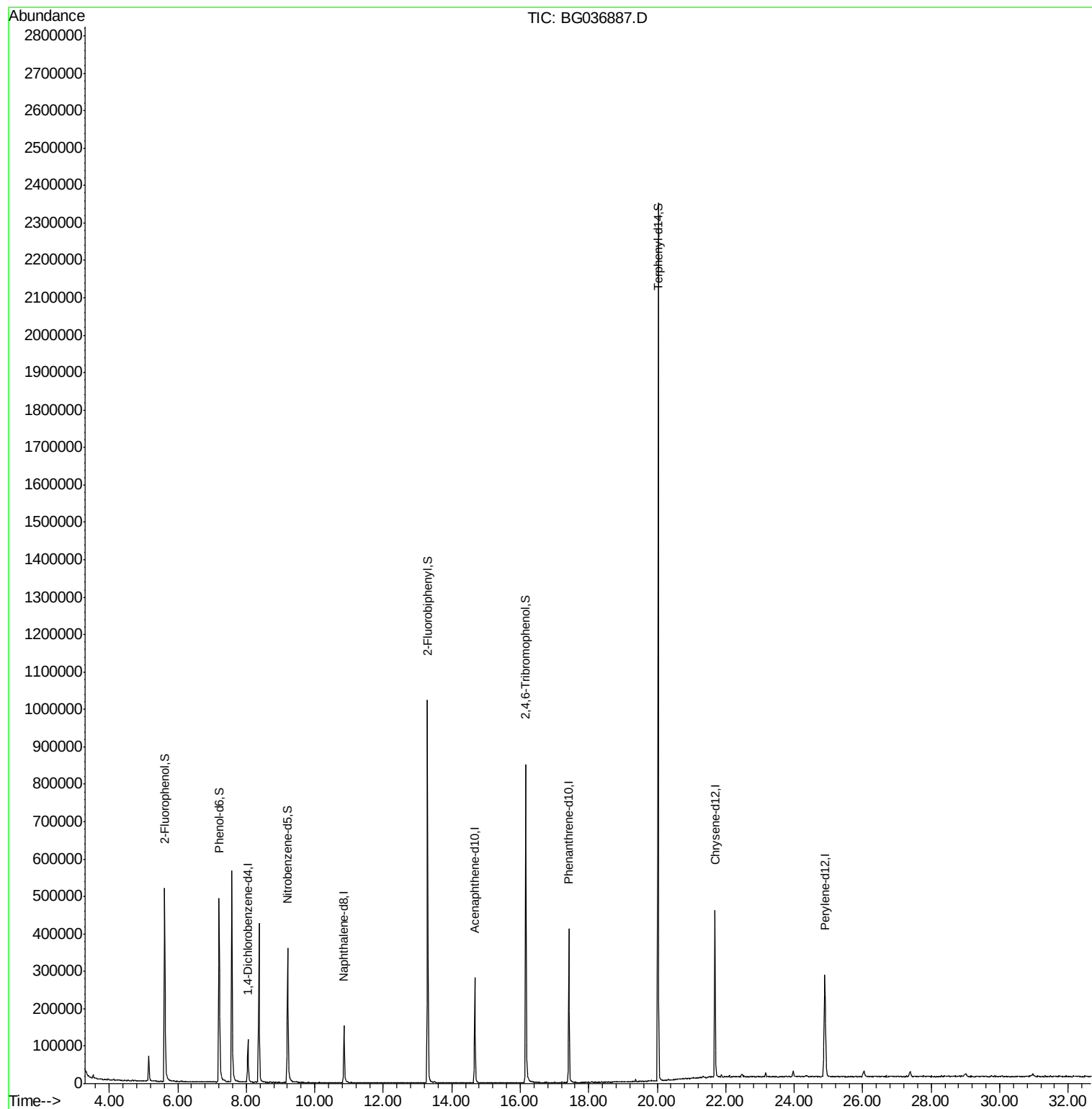
Target Compounds Qvalue

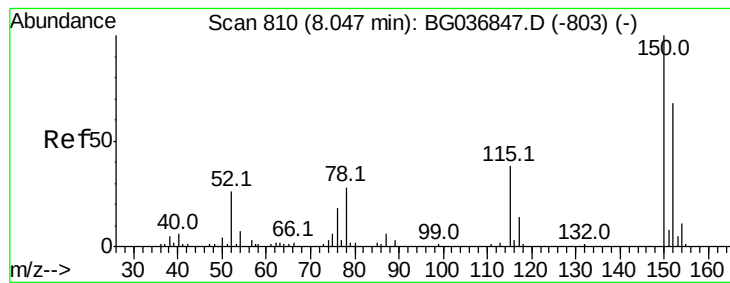
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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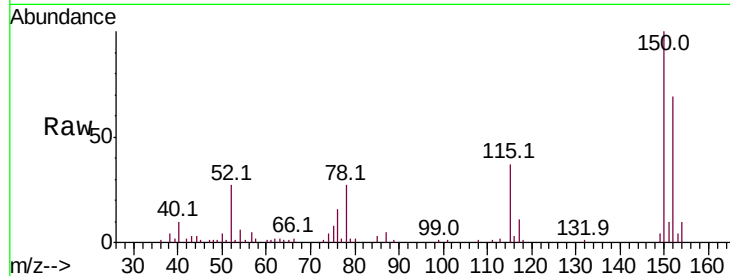


#1

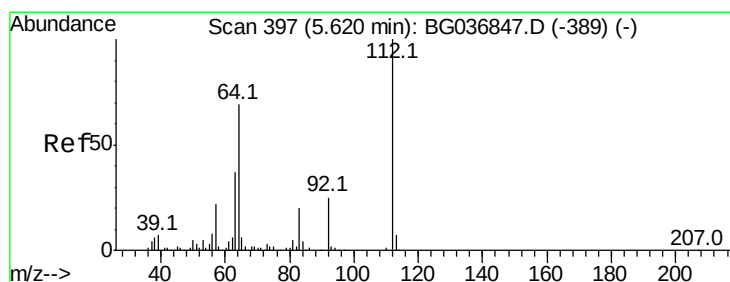
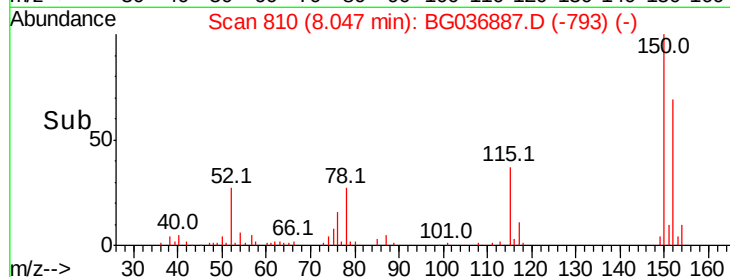
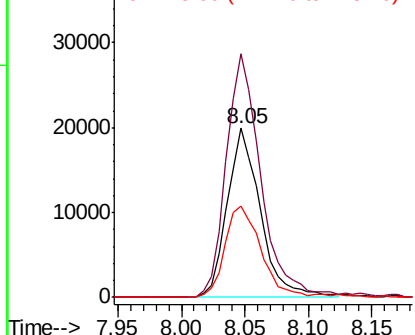
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036887.D
Acq: 22 Sep 2018 10:20

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-E

Tot Ion:152 Resp: 36072
Ion Ratio Lower Upper
152 100
150 144.2 119.5 179.3
115 53.8 44.5 66.7



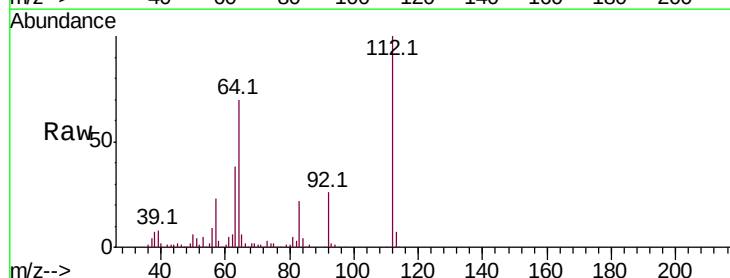
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



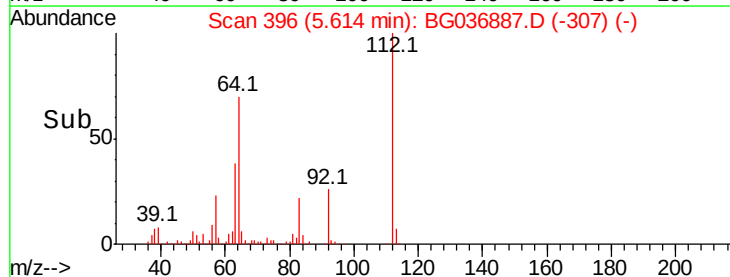
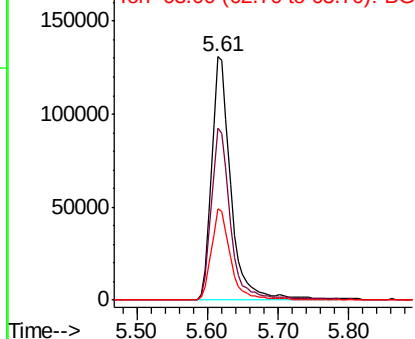
#5

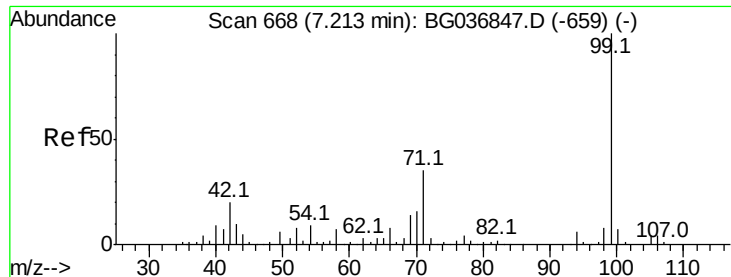
2-Fluorophenol
Concen: 132.813 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036887.D
Acq: 22 Sep 2018 10:20

Tgt Ion:112 Resp: 249811
Ion Ratio Lower Upper
112 100
64 70.4 57.2 85.8
63 37.7 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: 110.800 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036887.D

Acq: 22 Sep 2018 10:20

Instrument :

BNA_G

ClientSampleId :

LS-SOIL-E

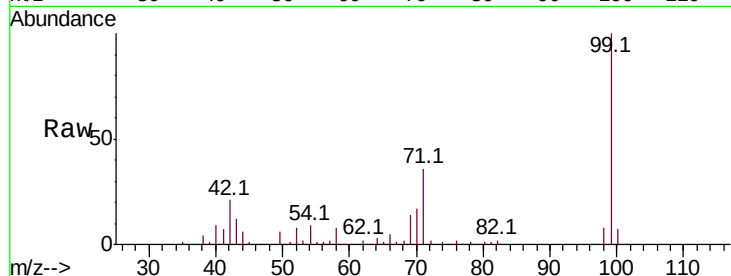
Tot Ion: 99 Resp: 322440

Ion Ratio Lower Upper

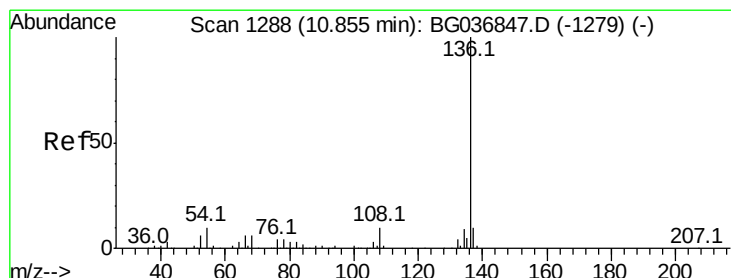
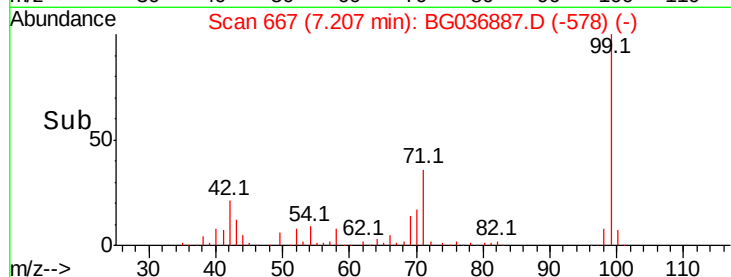
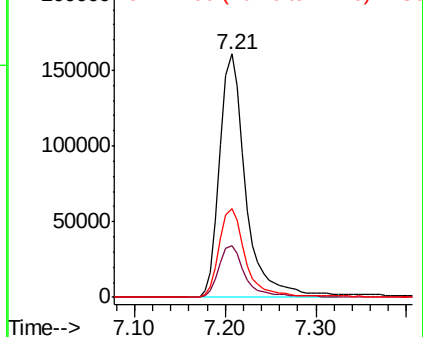
99 100

42 21.4 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: 10.86 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BG036887.D

Acq: 22 Sep 2018 10:20

Tgt Ion: 136 Resp: 153564

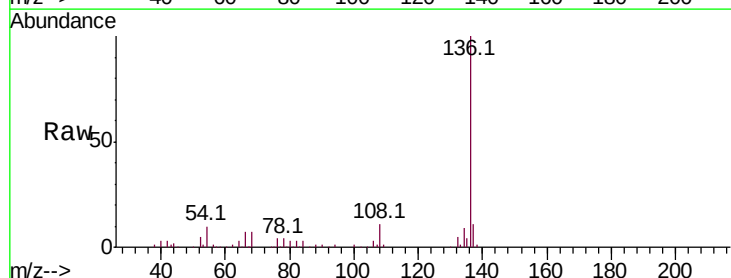
Ion Ratio Lower Upper

136 100

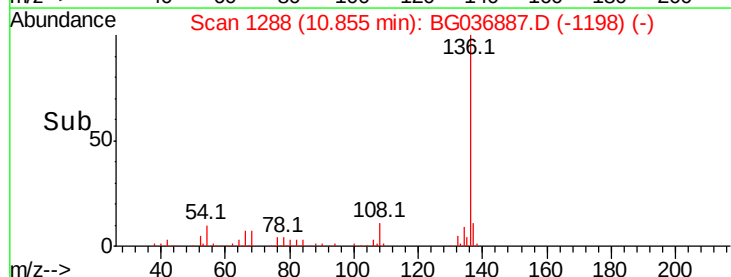
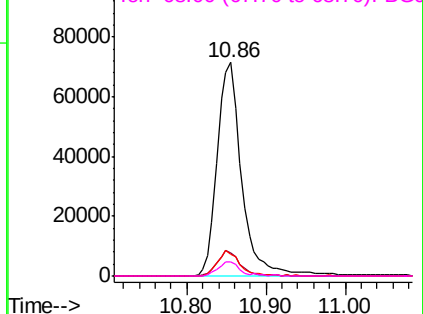
137 10.9 8.8 13.2

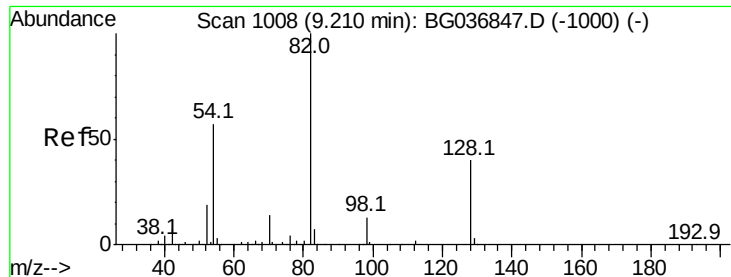
54 10.0 9.2 13.8

68 6.9 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

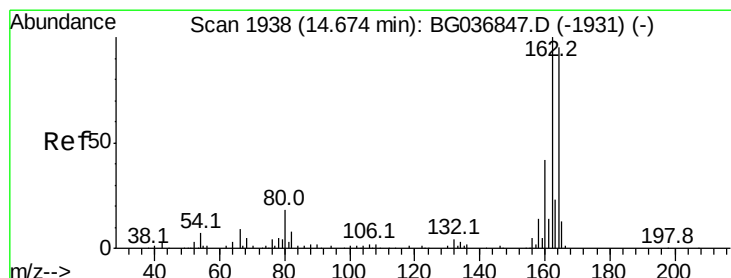
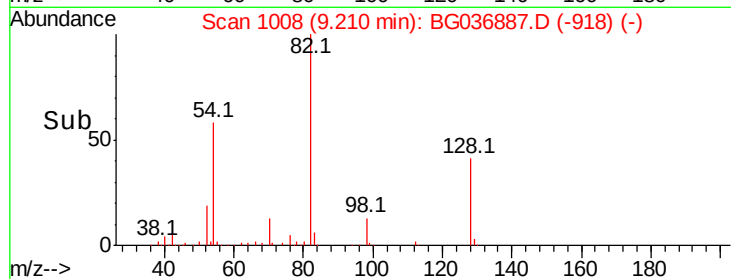
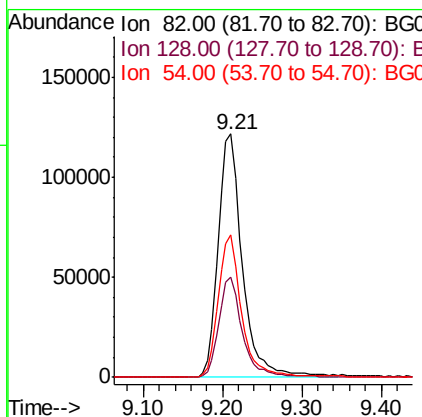
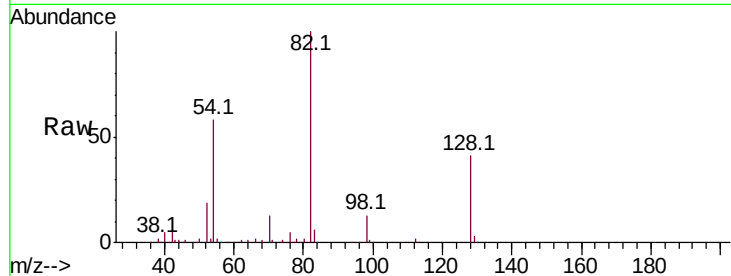




#23
Nitrobenzene-d5
Concen: 90.004 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036887.D
Acq: 22 Sep 2018 10:20

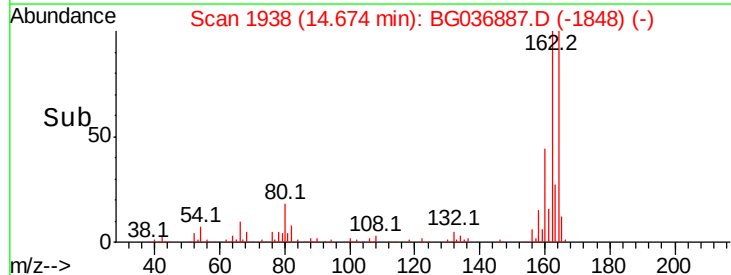
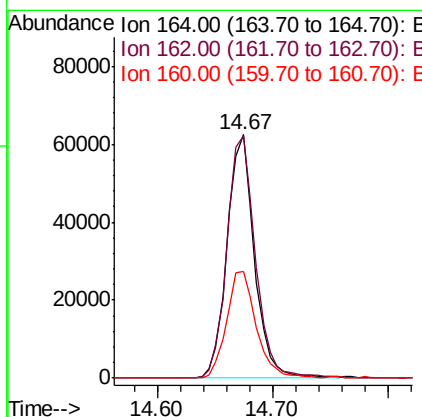
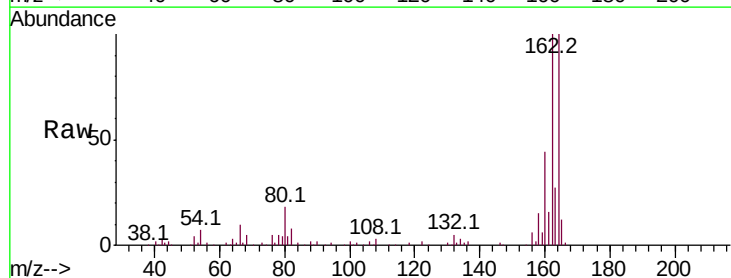
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-E

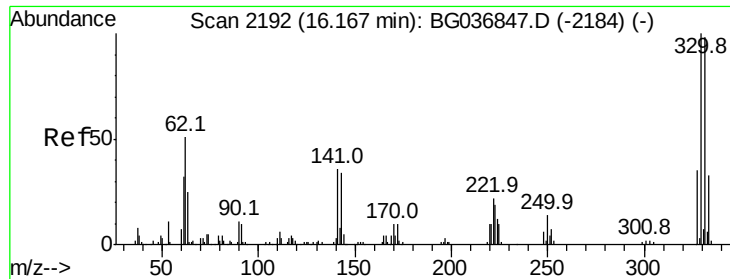
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	58.3	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG036887.D
Acq: 22 Sep 2018 10:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.7	121.1
160	43.6	35.3	52.9

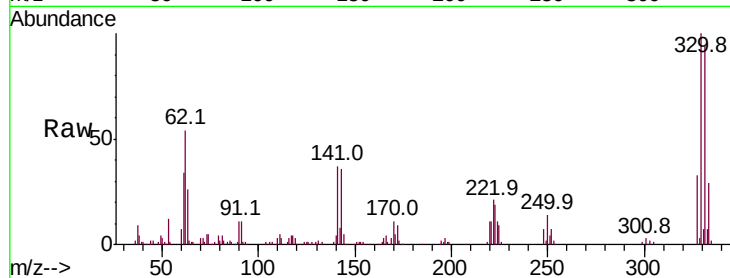




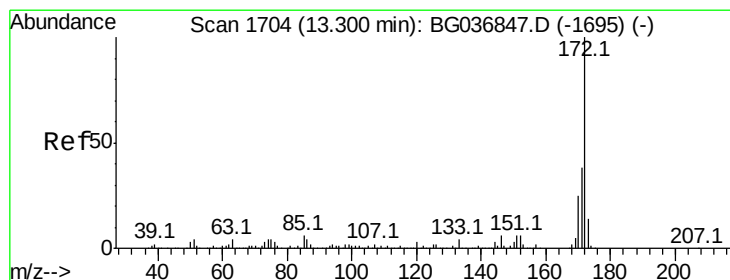
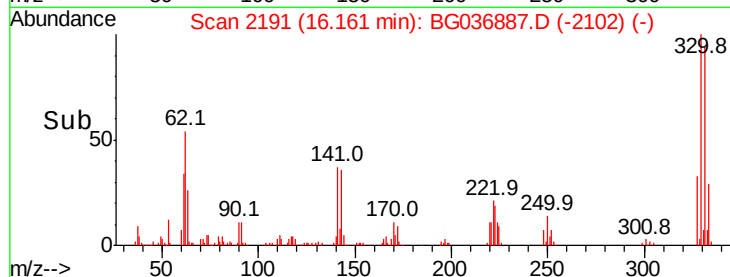
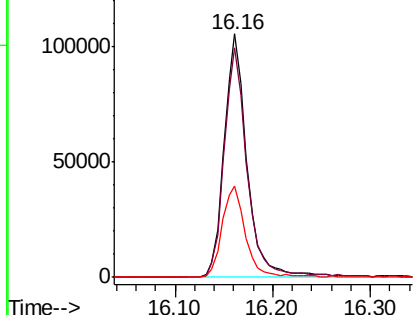
#41
 2,4,6-Tribromophenol
 Concen: 139.338 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036887.D
 Acq: 22 Sep 2018 10:20

Instrument :
 BNA_G
 ClientSampled :
 LS-SOIL-E

Tot Ion:330 Resp: 170821
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.4 113.2
 141 38.7 30.7 46.1

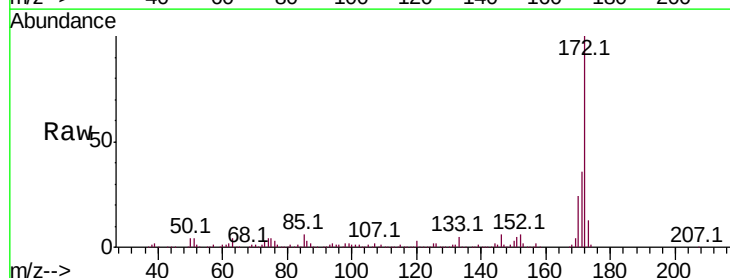


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

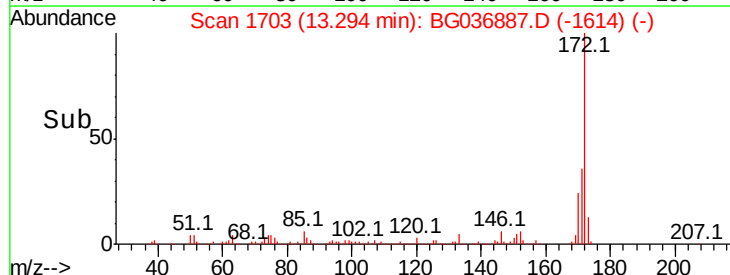
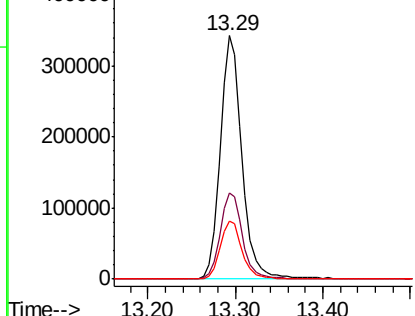


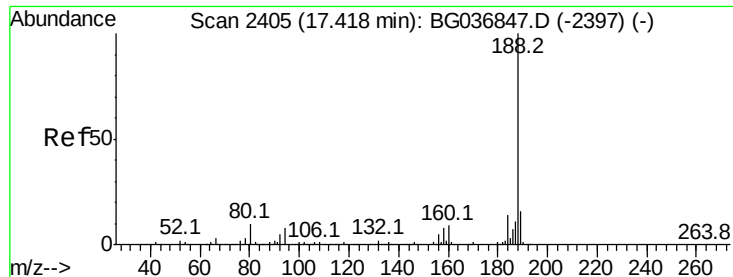
#44
 2-Fluorobiphenyl
 Concen: 85.264 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036887.D
 Acq: 22 Sep 2018 10:20

Tgt Ion:172 Resp: 586596
 Ion Ratio Lower Upper
 172 100
 171 35.6 31.3 46.9
 170 23.7 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

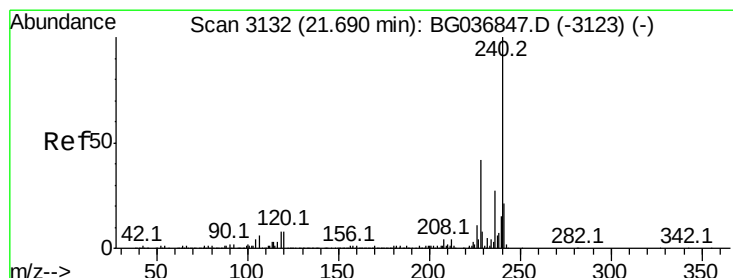
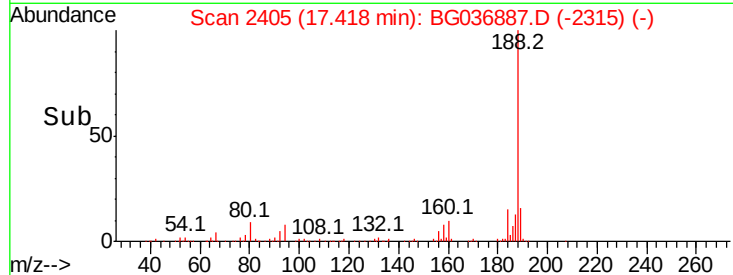
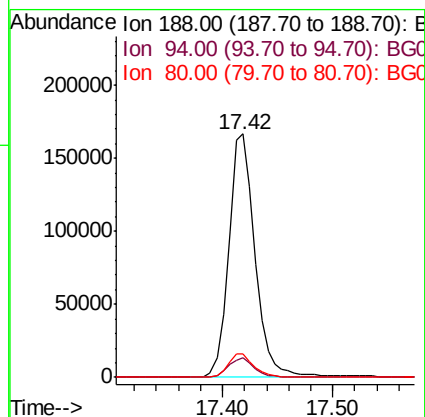
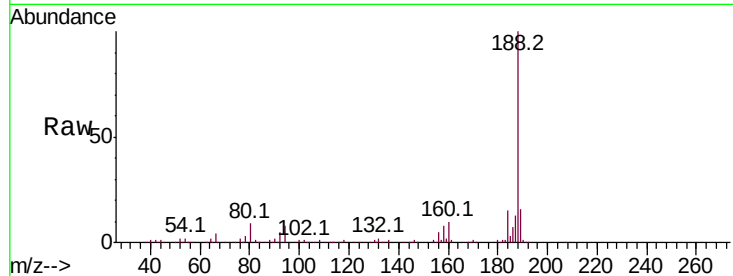




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036887.D
Acq: 22 Sep 2018 10:20

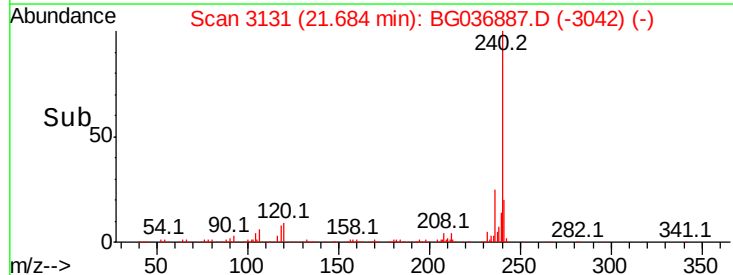
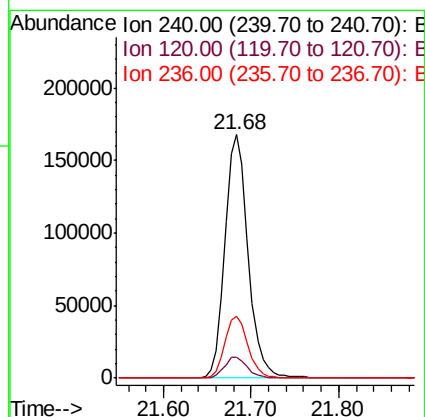
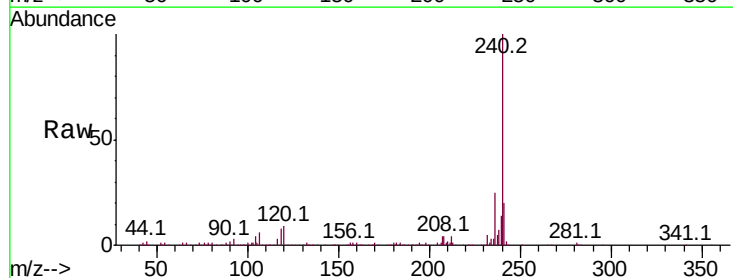
Instrument :
BNA_G
ClientSampleId :
LS-SOIL-E

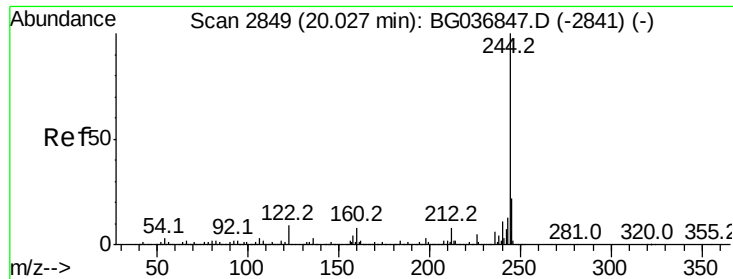
Tot Ion:188 Resp: 277237
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.5 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036887.D
Acq: 22 Sep 2018 10:20

Tgt Ion:240 Resp: 306299
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 25.3 21.2 31.8





#78

Terphenyl-d14

Concen: 101.667 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG036887.D

Acq: 22 Sep 2018 10:20

Instrument :

BNA_G

ClientSampled :

LS-SOIL-E

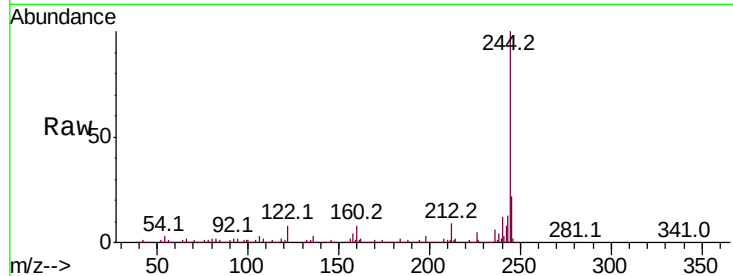
Tot Ion:244 Resp: 1184278

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	8.0	7.1	10.7

244 100

212 8.6 7.0 10.6

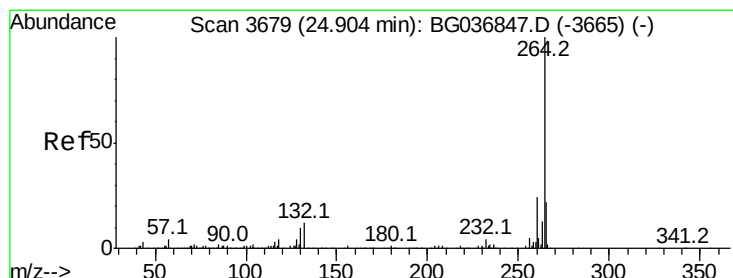
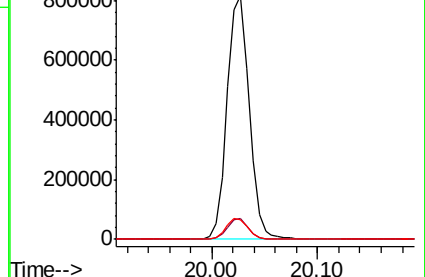
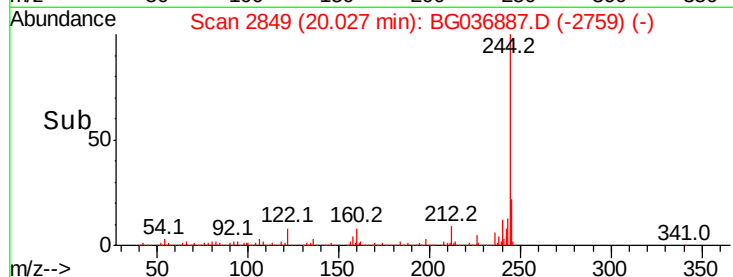
122 8.0 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036887.D

Acq: 22 Sep 2018 10:20

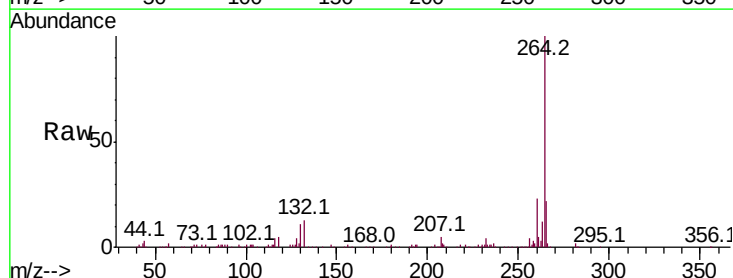
Tgt Ion:264 Resp: 298130

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	22.0	17.4	26.0

264 100

260 23.1 19.6 29.4

265 22.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

