

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036884.D
 Acq On : 22 Sep 2018 8:22
 Operator : JU/SJ
 Sample : J5021-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SOIL-B

Manual Integrations
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Sohil
 9/24/2018 9:29:55 AM

Quant Time: Sep 24 04:04:12 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	37045	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	161952	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	110155	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	298505	20.00	ng	0.00
75) Chrysene-d12	21.68	240	330495	20.00	ng	0.00
86) Perylene-d12	24.89	264	326466	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	255038	132.03	ng	0.00
7) Phenol-d6	7.20	99	329207	110.15	ng	0.00
23) Nitrobenzene-d5	9.21	82	263801	87.23	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	181490	137.71	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	609124	82.36	ng	0.00
78) Terphenyl-d14	20.02	244	1239363	98.61	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	118510	15.379	ng	Qvalue 97
37) 2-Methylnaphthalene	12.50	142	13719m	2.338	ng	

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

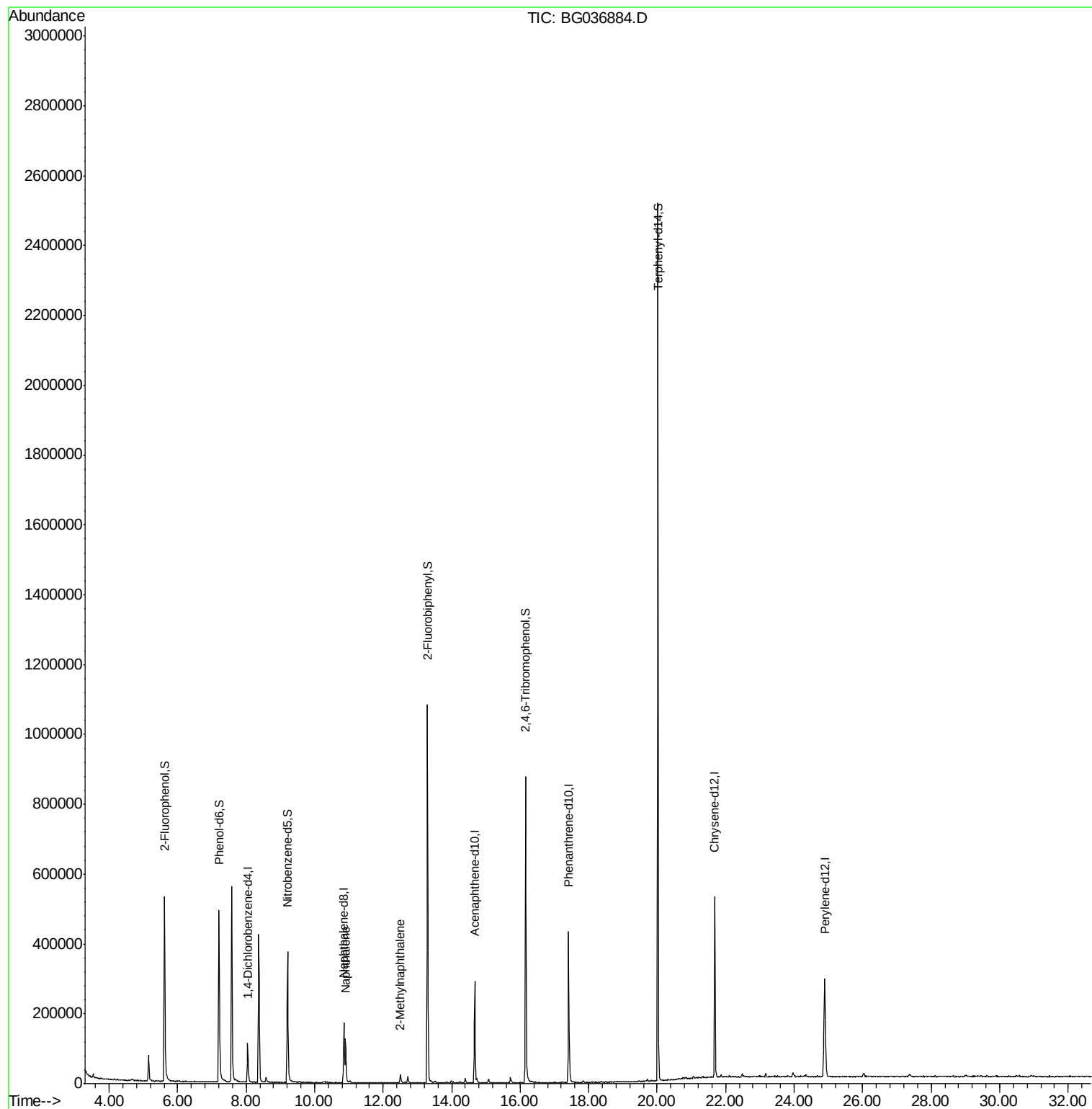
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
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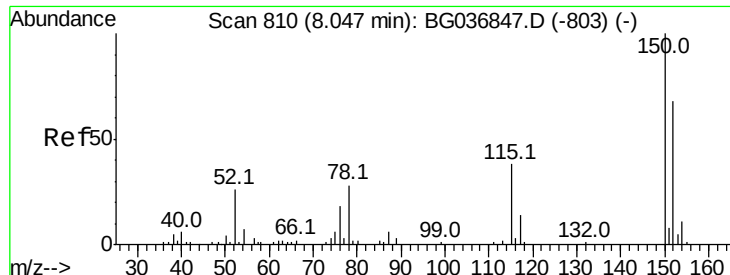
Instrument :
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#1

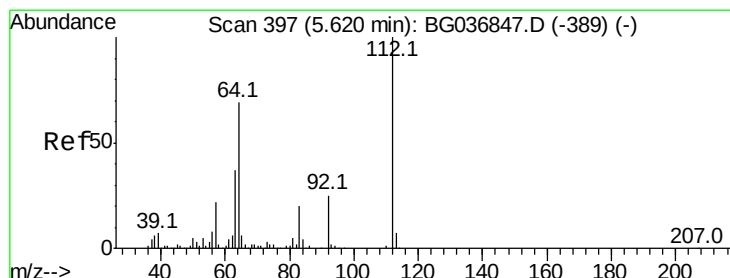
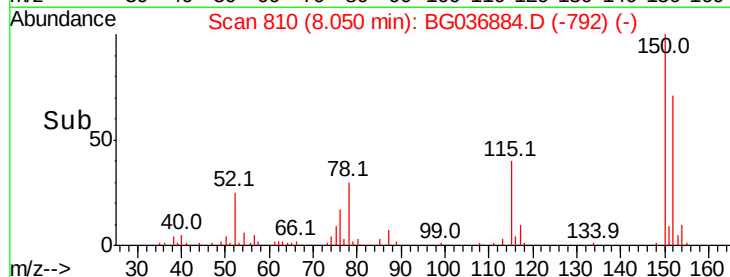
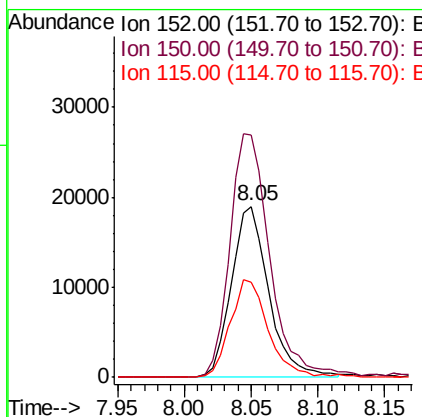
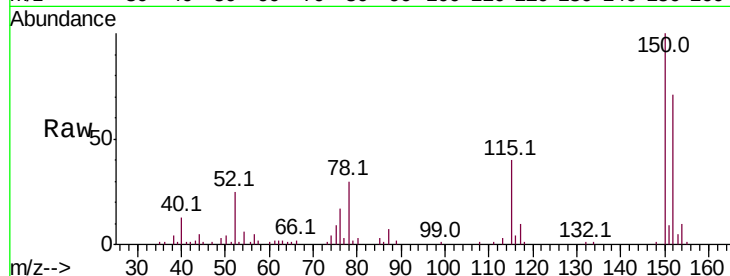
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036884.D
Acq: 22 Sep 2018 8:22

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	119.5	179.3
115	56.0	44.5	66.7

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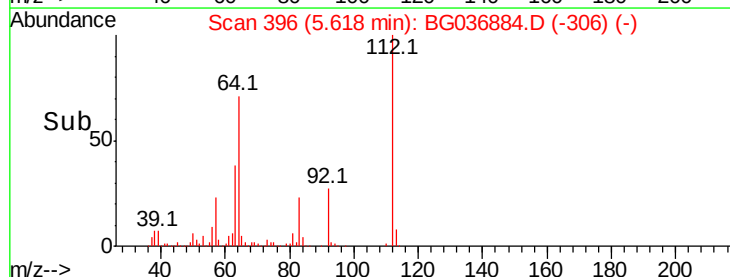
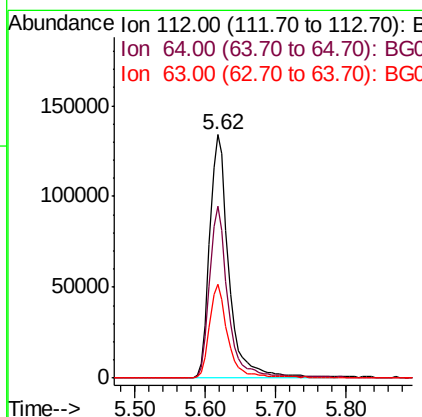
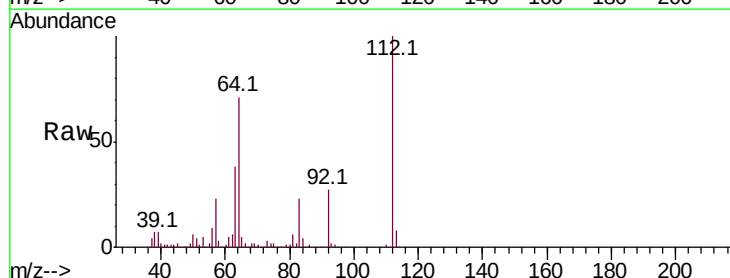
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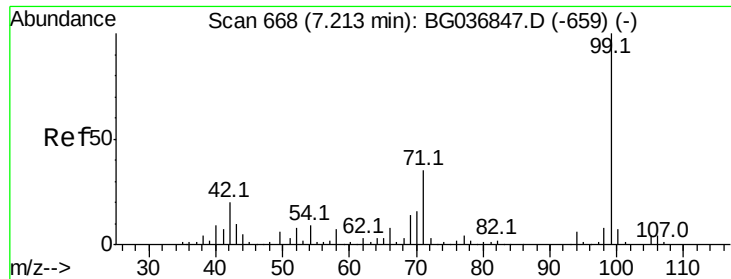


#5

2-Fluorophenol
Concen: 132.031 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036884.D
Acq: 22 Sep 2018 8:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	57.2	85.8
63	38.4	30.8	46.2





#7

Phenol-d6

Concen: 110.154 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036884.D

Acq: 22 Sep 2018 8:22

Instrument :

BNA_G

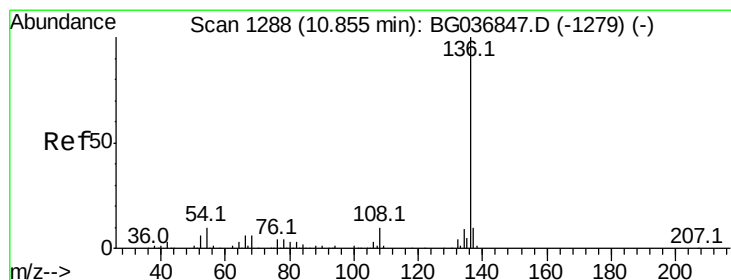
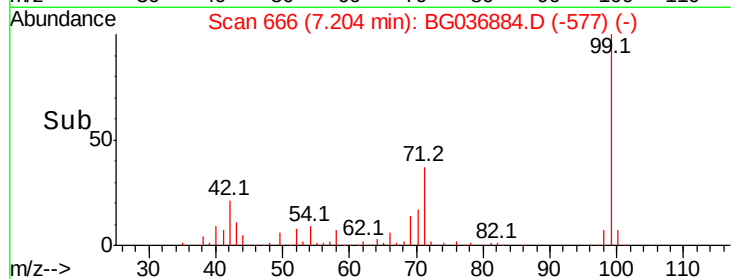
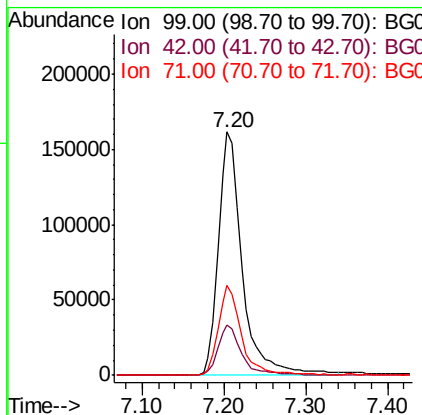
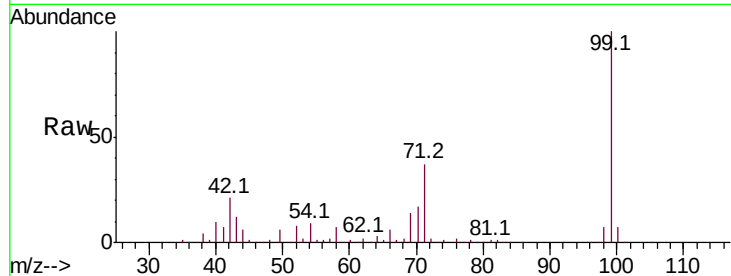
ClientSampled :

LS-SOIL-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		329207		
42	20.8	16.5	24.7		
71	36.9	29.4	44.2		

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#21

Naphthalene-d8

Concen: 20.000 ng

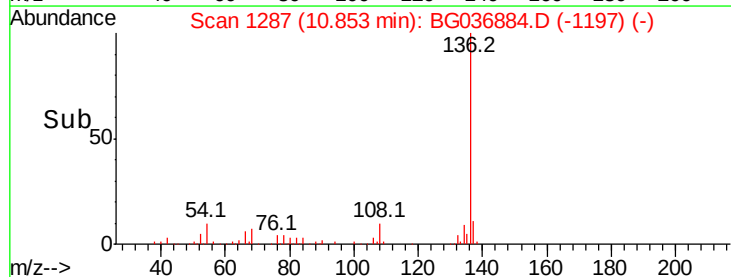
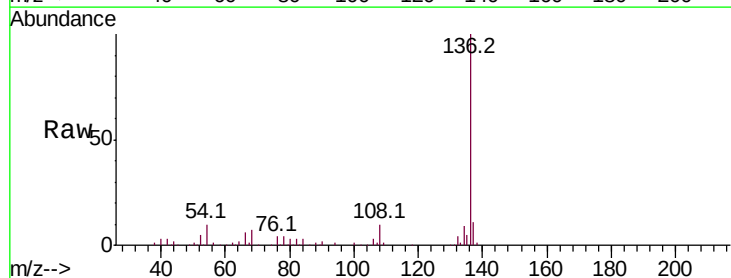
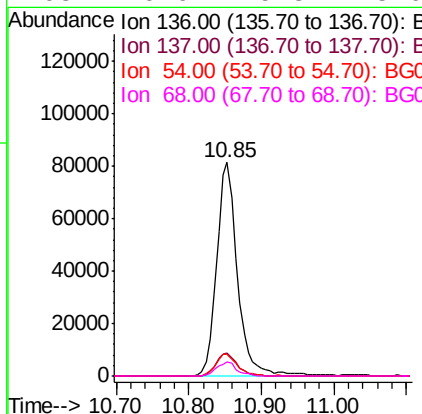
RT: 10.85 min Scan# 1287

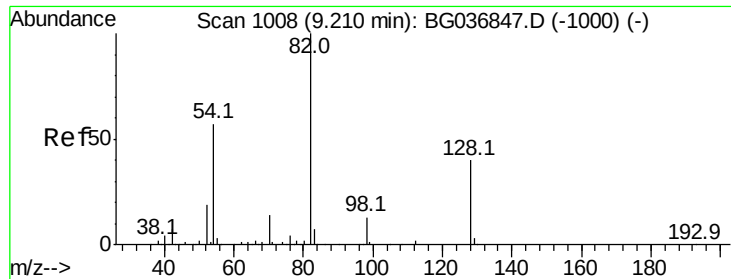
Delta R.T. -0.00 min

Lab File: BG036884.D

Acq: 22 Sep 2018 8:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		161952		
137	10.8	8.8	13.2		
54	10.4	9.2	13.8		
68	6.6	5.8	8.6		





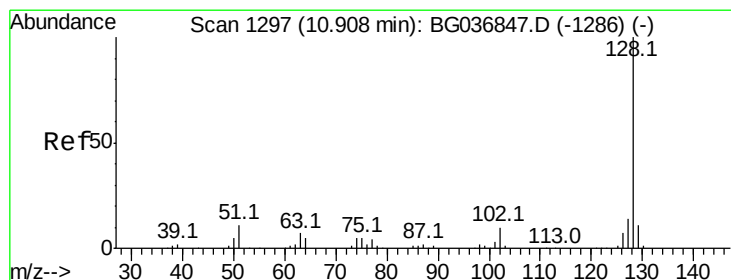
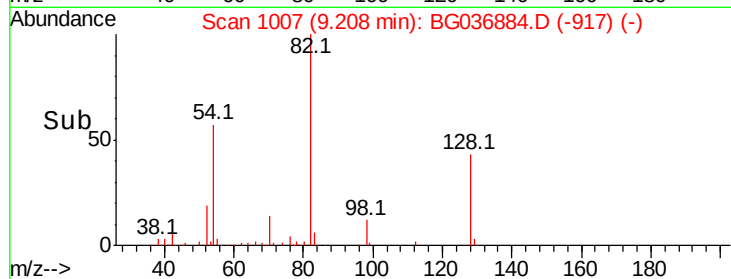
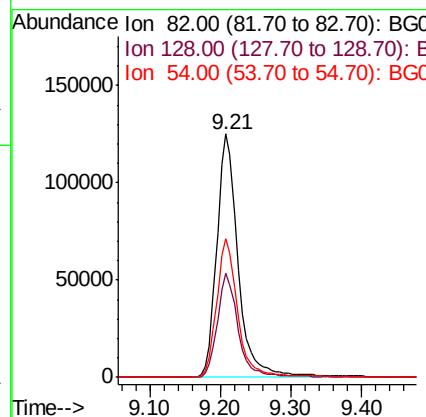
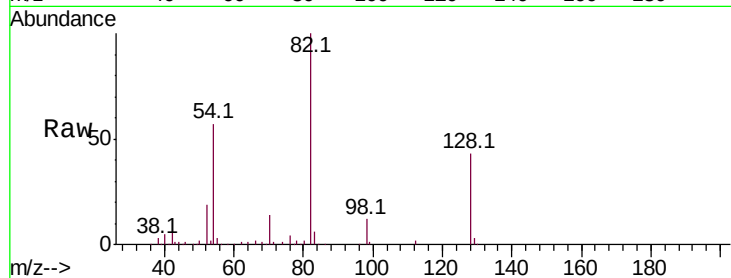
#23
Nitrobenzene-d5
Concen: 87.228 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036884.D
Acq: 22 Sep 2018 8:22

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100	263801		
128	42.6	33.3	49.9	
54	57.2	45.1	67.7	

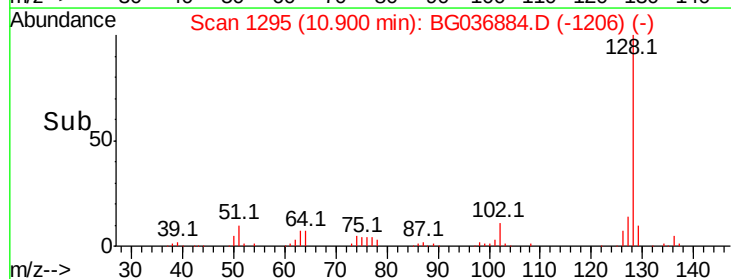
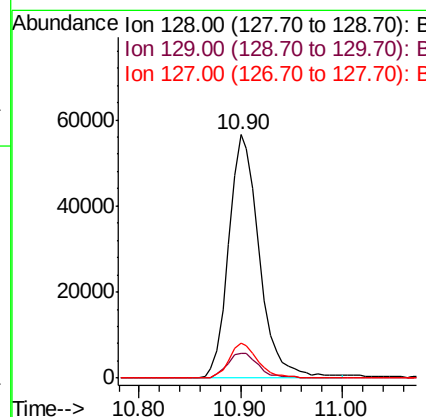
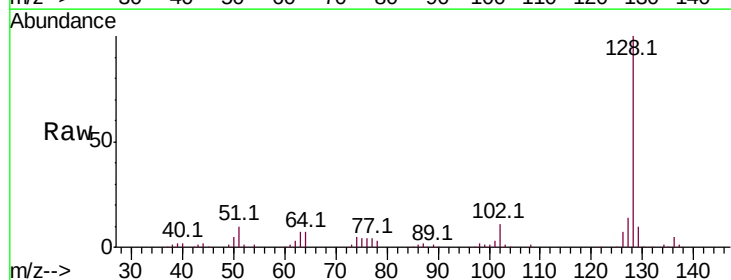
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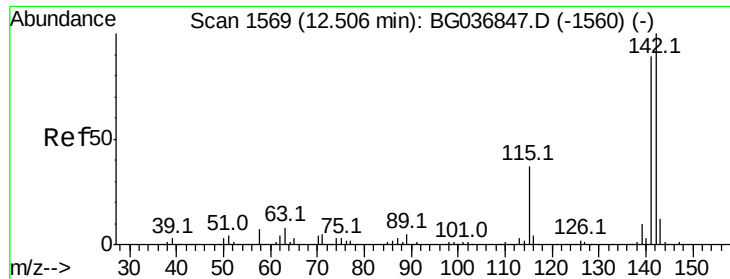
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#31
Naphthalene
Concen: 15.379 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036884.D
Acq: 22 Sep 2018 8:22

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	118510		
129	10.4	9.4	14.2	
127	14.3	11.0	16.4	





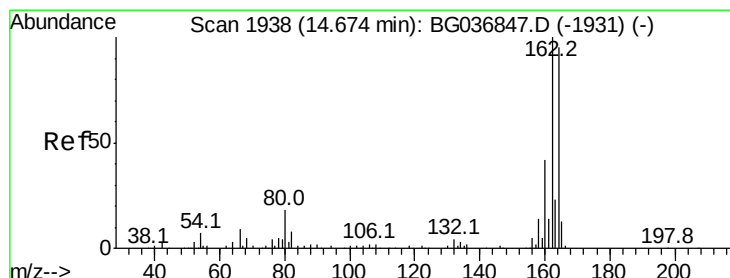
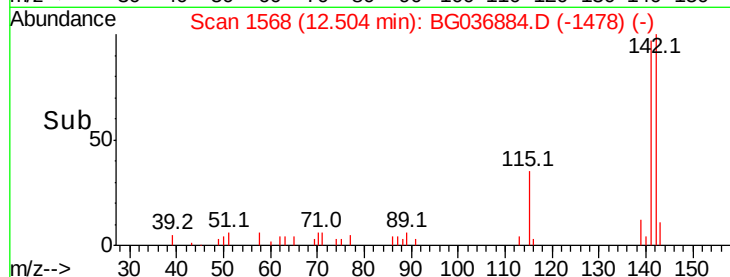
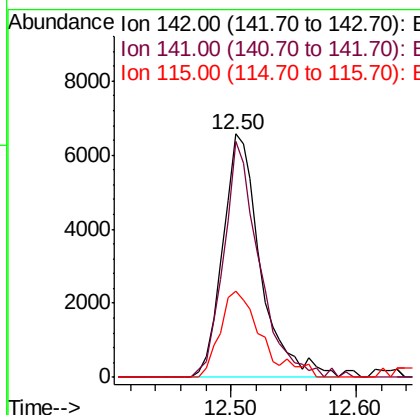
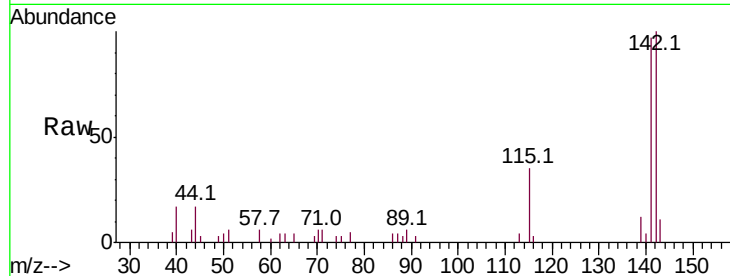
#37
2-Methylnaphthalene
Concen: 2.338 ng m
RT: 12.50 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BG036884.D
Acq: 22 Sep 2018 8:22

Instrument :
BNA_G
ClientSampled :
LS-SOIL-B

Tot Ion	Ratio	Lower	Upper
142	100		
141	96.9	68.5	102.7
115	35.4	29.8	44.8

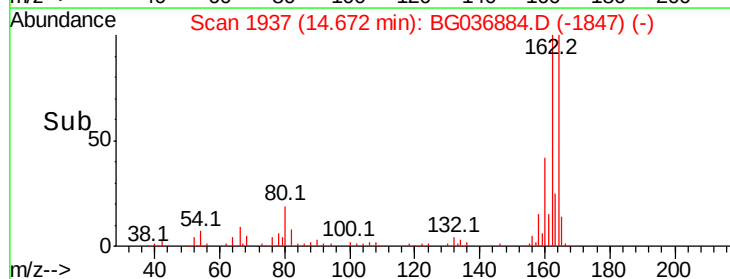
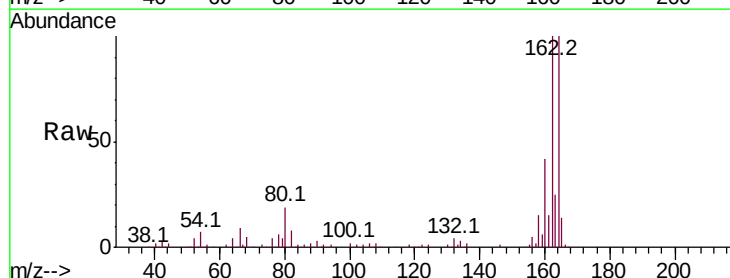
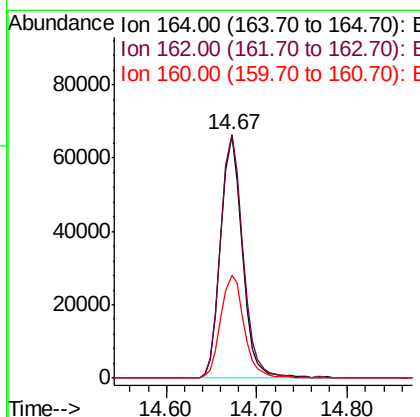
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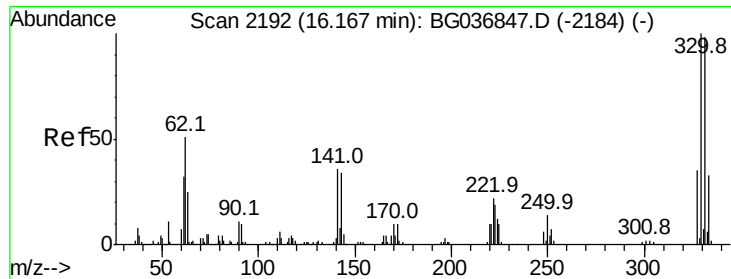
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036884.D
Acq: 22 Sep 2018 8:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.7	121.1
160	42.2	35.3	52.9





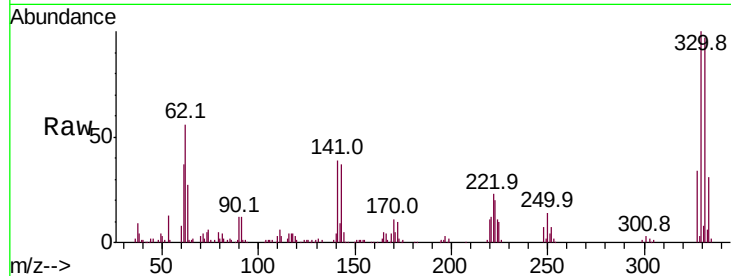
#41
 2,4,6-Tribromophenol
 Concen: 137.708 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036884.D
 Acq: 22 Sep 2018 8:22

Instrument :
 BNA_G
 ClientSampled :
 LS-SOIL-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	181490		
332	96.7	75.4	113.2	
141	37.4	30.7	46.1	

Manual Integrations
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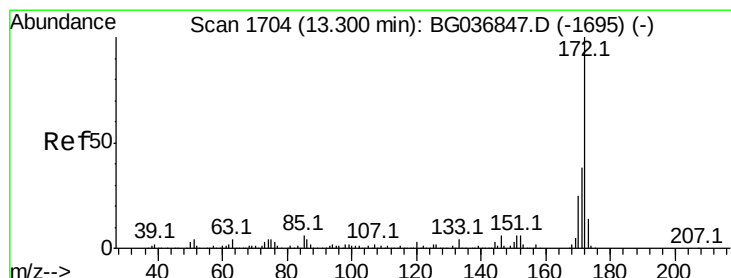
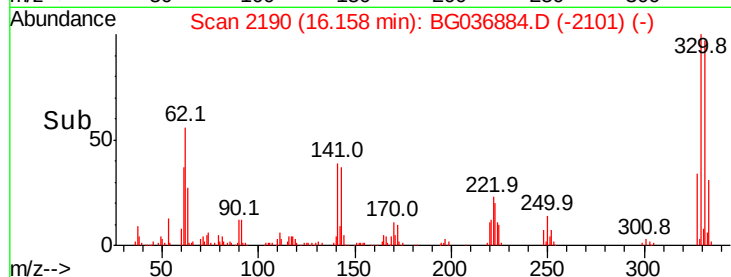
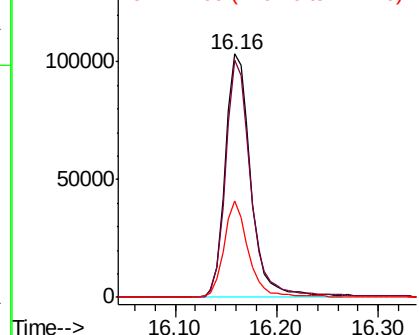


Abundance

Ion 329.80 (329.50 to 330.50): E

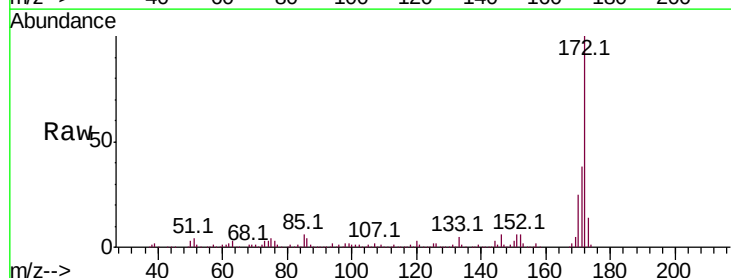
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.359 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036884.D
 Acq: 22 Sep 2018 8:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	609124		
171	37.9	31.3	46.9	
170	24.7	21.0	31.6	

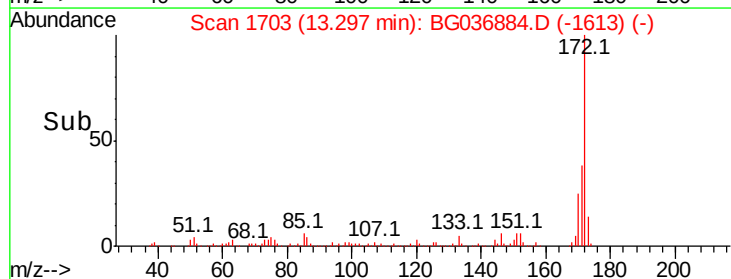
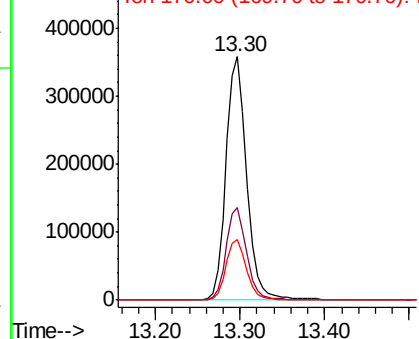


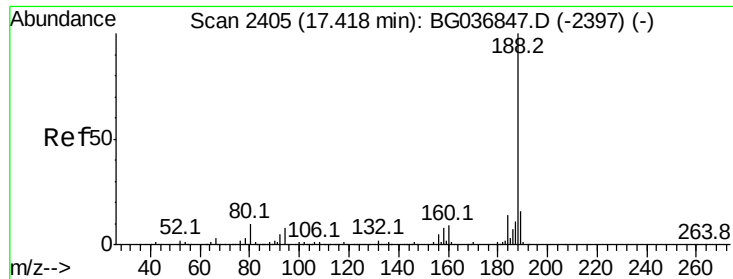
Abundance

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





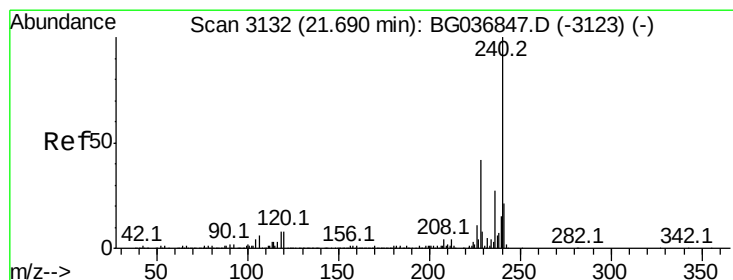
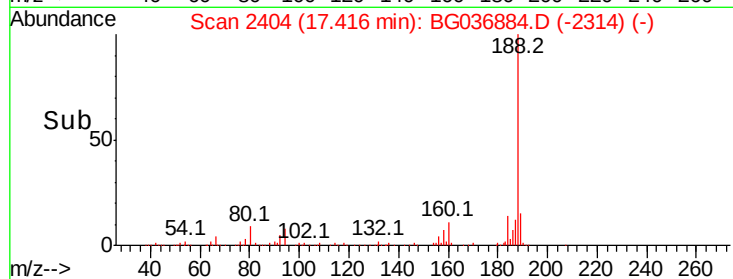
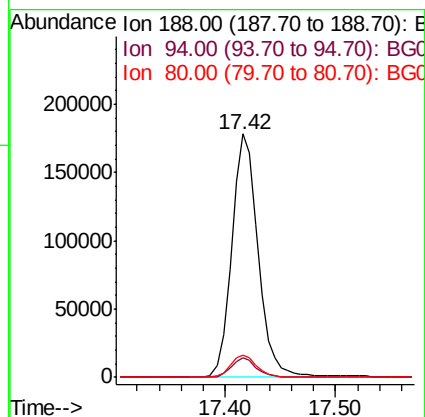
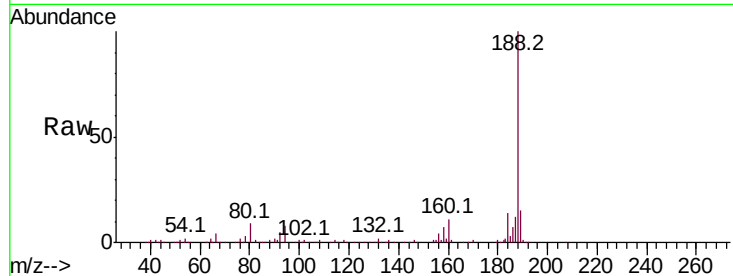
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036884.D
Acq: 22 Sep 2018 8:22

Instrument :
BNA_G
ClientSampleId :
LS-SOIL-B

Tot Ion:	188	Resp:	298505
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.7	10.1
80	9.1	8.1	12.1

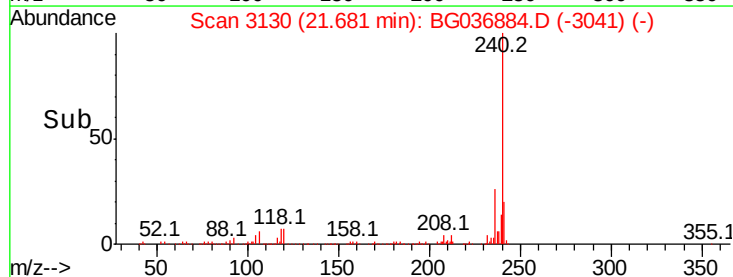
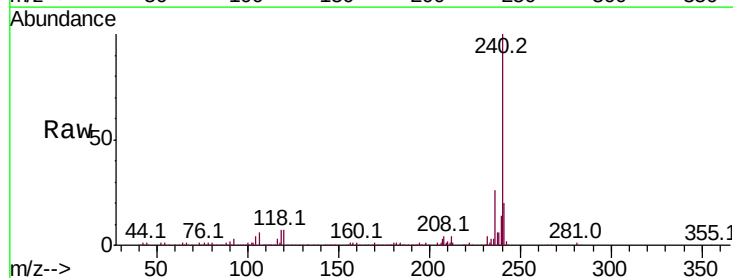
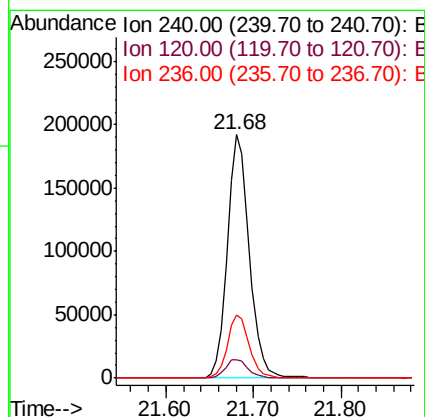
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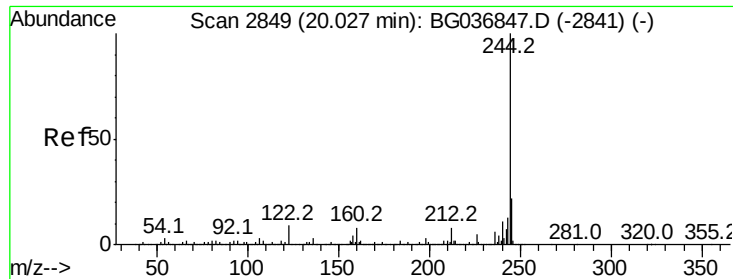
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036884.D
Acq: 22 Sep 2018 8:22

Tgt Ion:	240	Resp:	330495
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.9	10.3
236	25.9	21.2	31.8





#78

Terphenyl-d14

Concen: 98.606 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036884.D

Acq: 22 Sep 2018 8:22

Instrument :

BNA_G

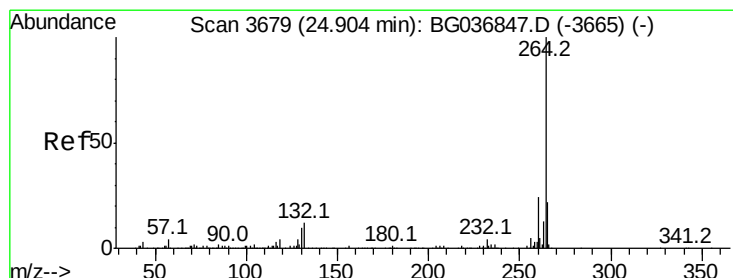
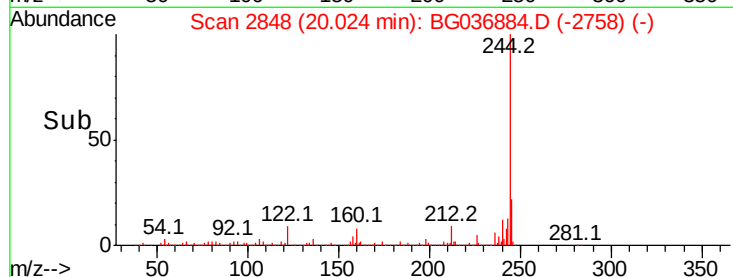
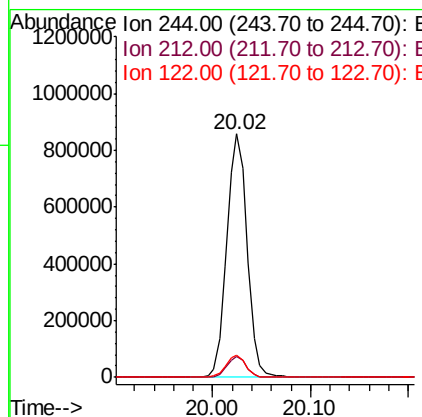
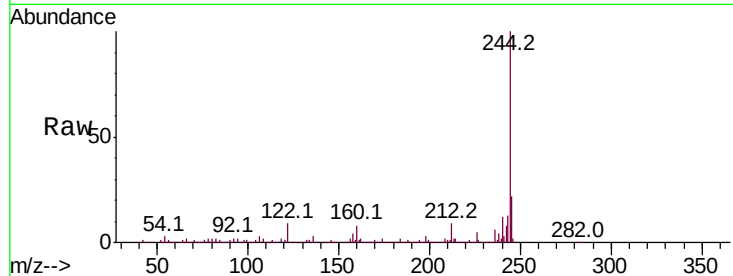
ClientSampled :

LS-SOIL-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.3	7.1	10.7

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG036884.D

Acq: 22 Sep 2018 8:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.6	29.4
265	21.1	17.4	26.0

