

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038190.D
 Acq On : 28 Nov 2018 7:28
 Operator : JU/SJ
 Sample : J6064-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL

Manual Integrations
 APPROVED

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Quant Time: Nov 28 11:05:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	37722	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	157117	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	104025	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	211553	20.00	ng	0.00
76) Chrysene-d12	21.75	240	208550	20.00	ng	0.00
87) Perylene-d12	25.08	264	221690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	268154	122.74	ng	0.02
7) Phenol-d6	7.27	99	305935	98.10	ng	0.04
23) Nitrobenzene-d5	9.27	82	271010	92.33	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	145771	122.87	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	533841	74.76	ng	0.00
79) Terphenyl-d14	20.07	244	824658	93.04	ng	0.00
Target Compounds						
22) Acetophenone	8.93	105	733261	187.575	ng	# 94
25) Isophorone	9.83	82	99001	18.740	ng	# 81
27) 2,4-Dimethylphenol	10.09	122	16797	7.438	ng	87
28) bis(2-Chloroethoxy)methane	10.34	93	73194	21.667	ng	# 74
31) Naphthalene	10.97	128	736801	95.344	ng	99
32) Benzoic acid	10.33	122	159687m	93.931	ng	
37) 2-Methylnaphthalene	12.56	142	94120	16.956	ng	# 93
38) 1-Methylnaphthalene	12.78	142	42287m	7.914	ng	

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

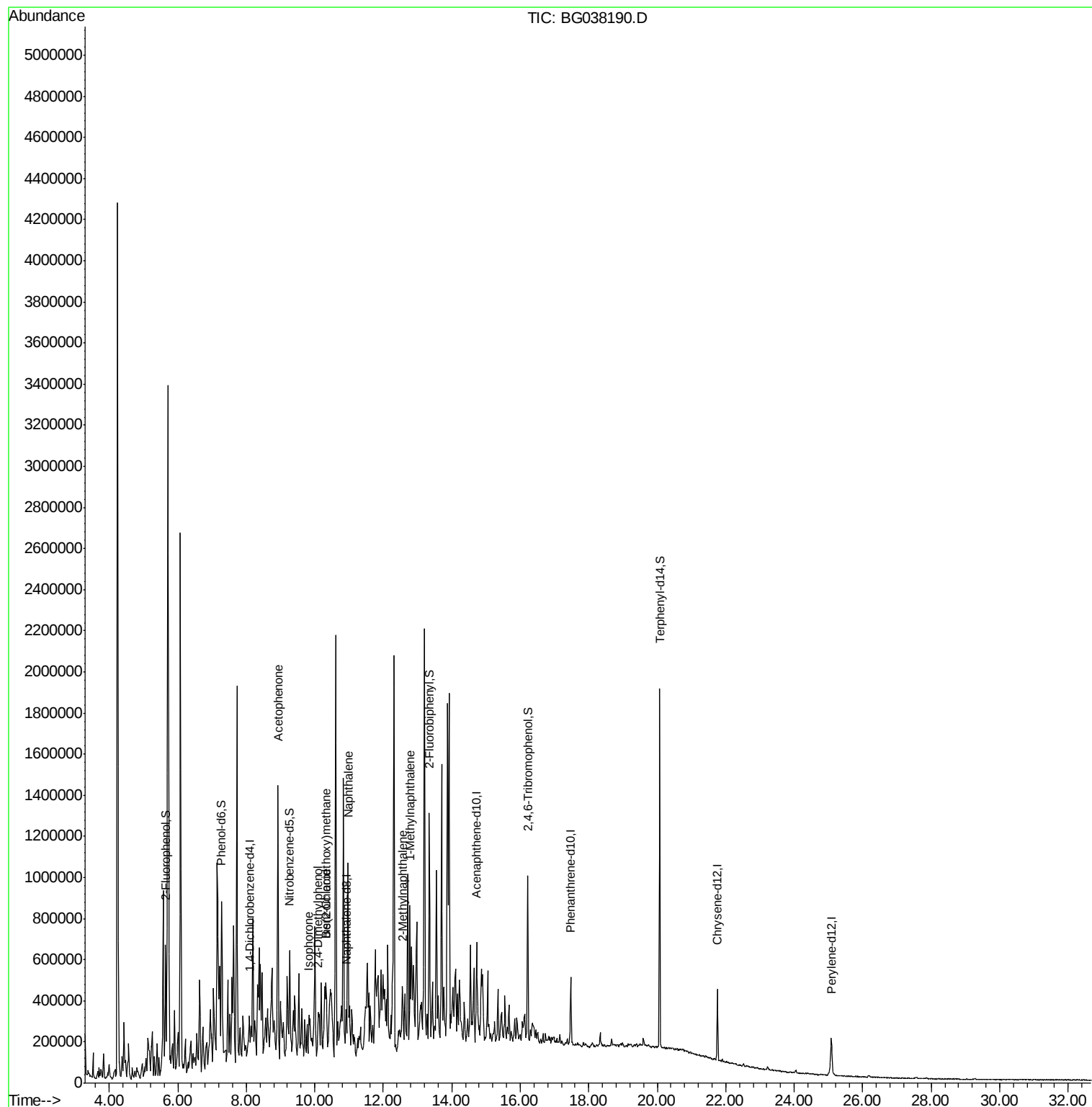
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038190.D
Acq On : 28 Nov 2018 7:28
Operator : JU/SJ
Sample : J6064-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

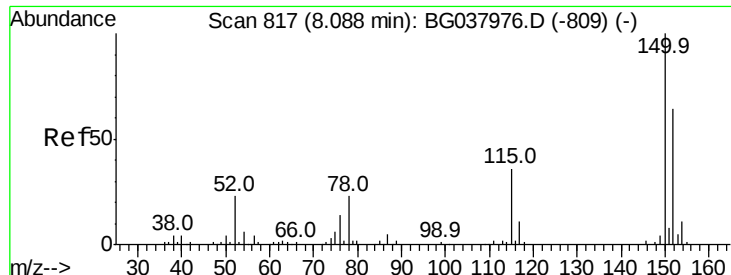
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL

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Quant Time: Nov 28 11:05:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration





#1

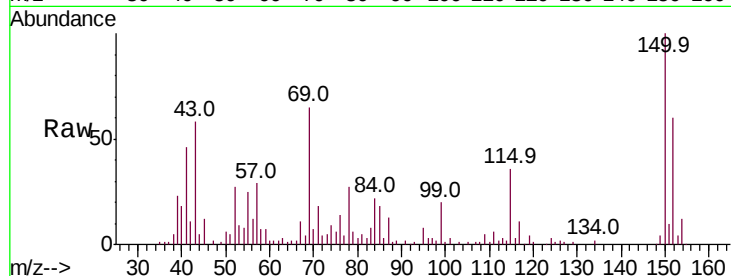
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.1	126.0	189.0
115	59.6	45.5	68.3

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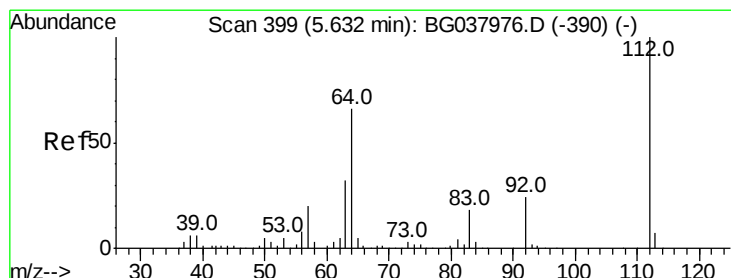
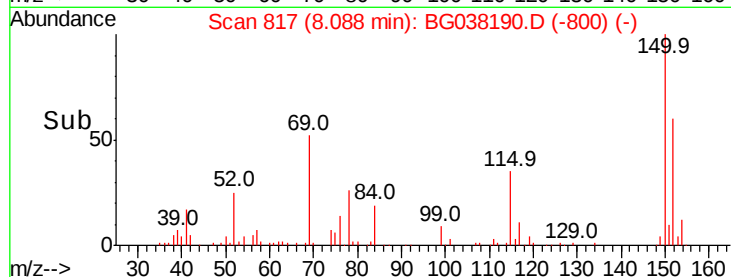
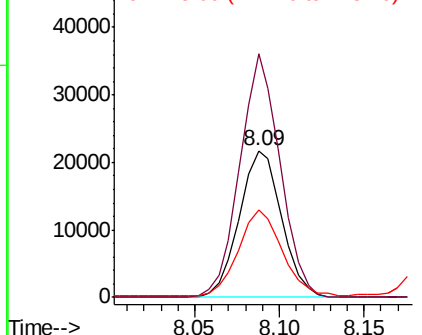


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

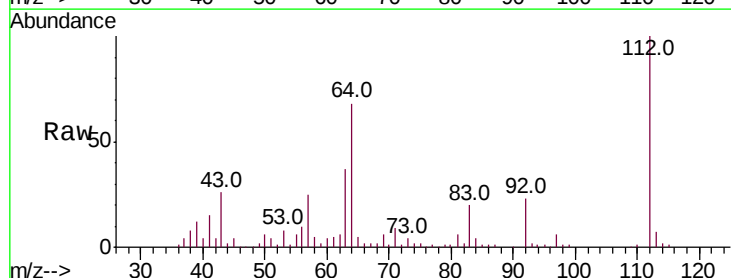
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.736 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.02 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.1	79.7
63	36.7	27.3	40.9

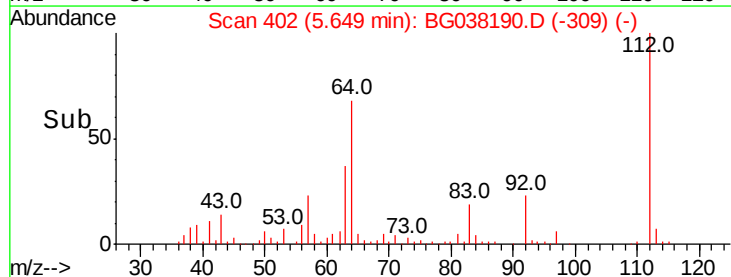
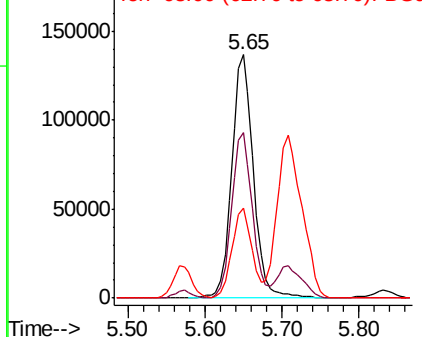


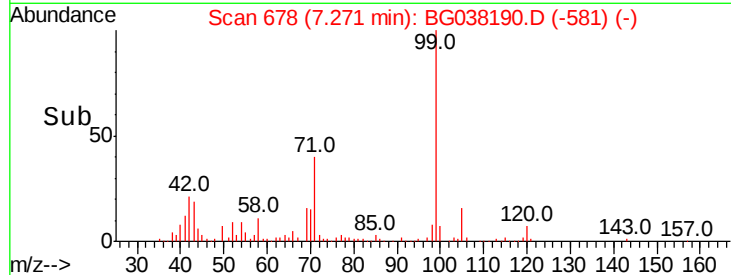
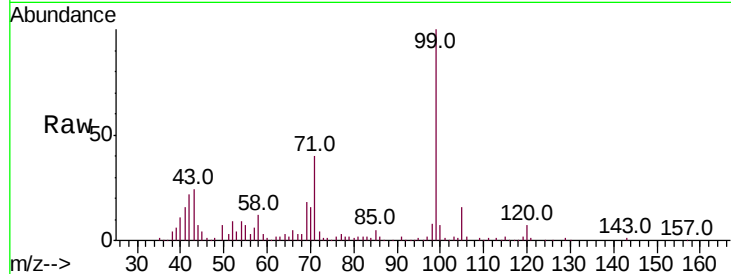
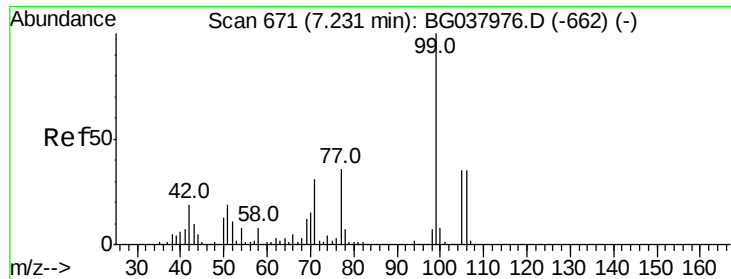
Abundance

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: 98.098 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.04 min

Lab File: BG038190.D

Acq: 28 Nov 2018 7:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		305935		
42	22.2	15.0	22.4		
71	40.3	25.5	38.3#		

Instrument :

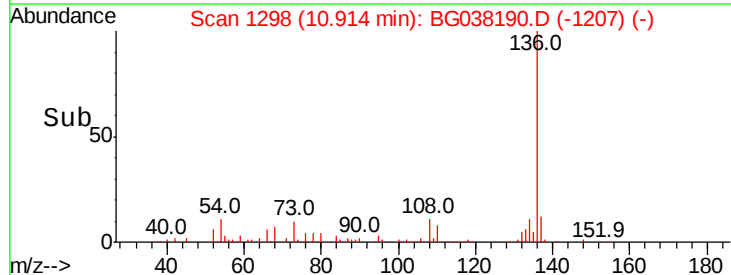
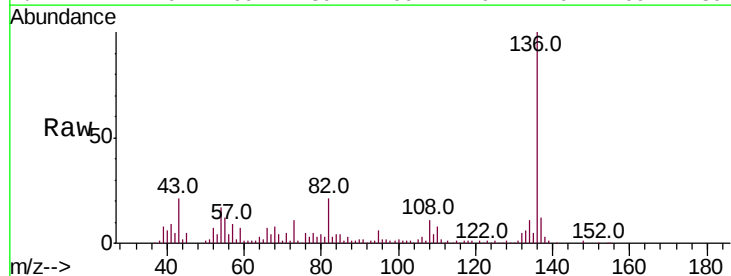
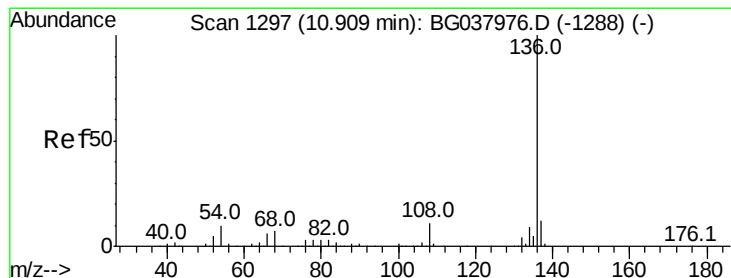
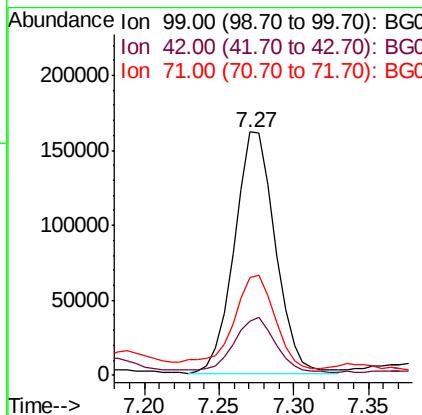
BNA_G

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

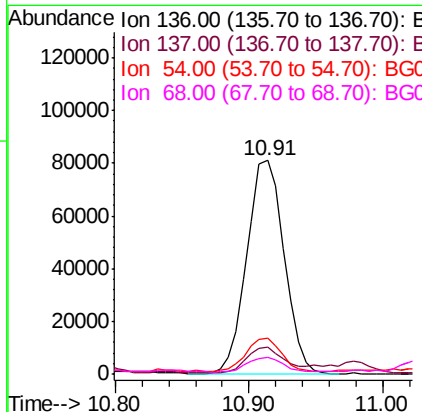
RT: 10.91 min Scan# 1298

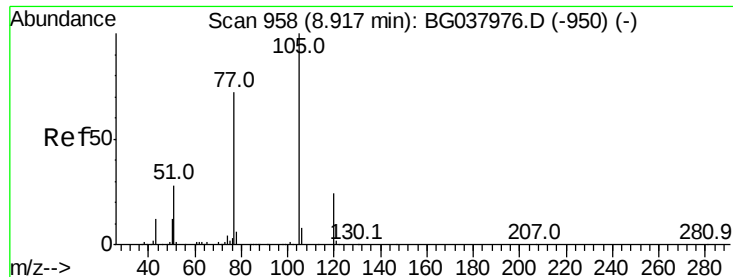
Delta R.T. 0.01 min

Lab File: BG038190.D

Acq: 28 Nov 2018 7:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		157117		
137	12.4	9.6	14.4		
54	16.6	7.9	11.9#		
68	7.9	4.8	7.2#		





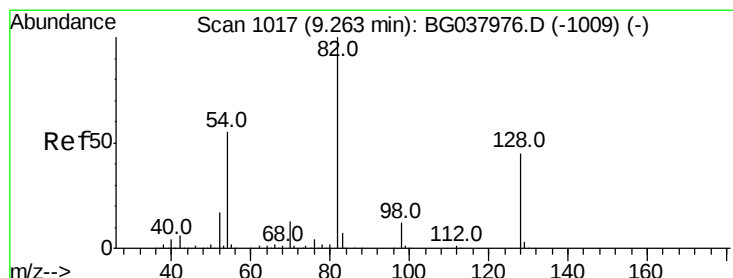
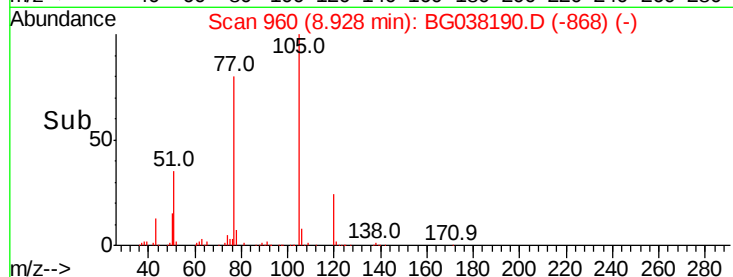
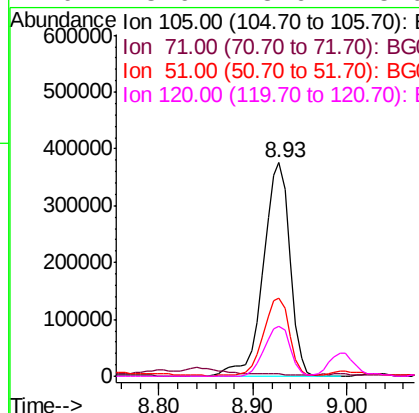
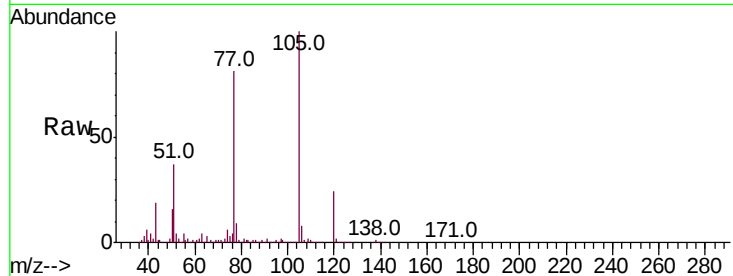
#22
Acetophenone
Concen: 187.575 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL

Tot Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.2	1.8#
51	36.7	25.0	37.6
120	23.6	18.6	28.0

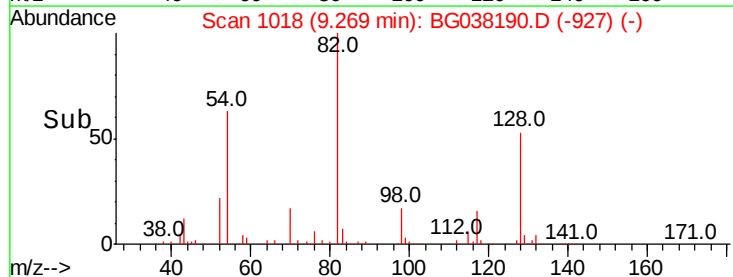
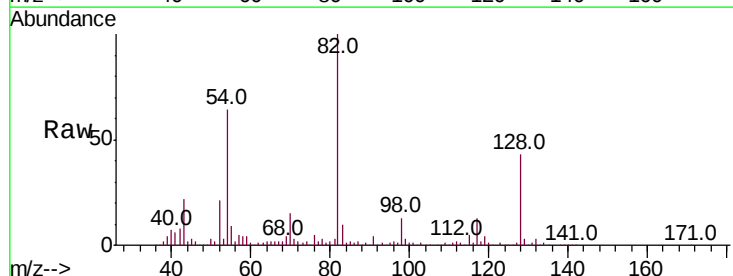
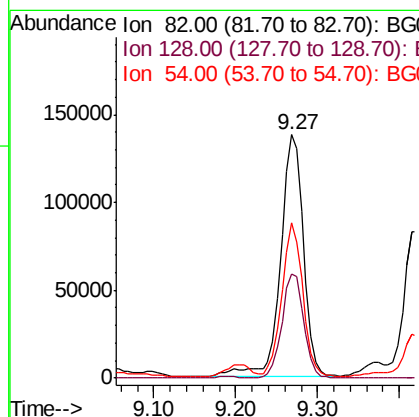
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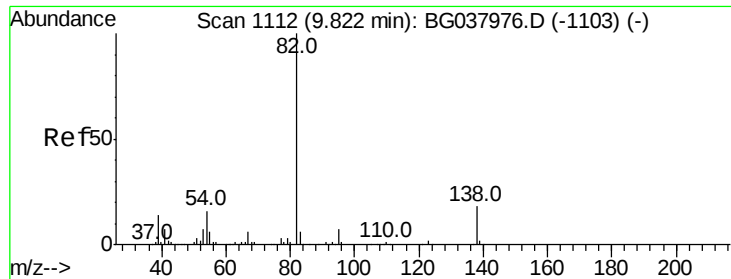
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#23
Nitrobenzene-d5
Concen: 92.334 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	63.6	45.3	67.9





#25

Isophorone

Concen: 18.740 ng

RT: 9.83 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BG038190.D

Acq: 28 Nov 2018 7:28

Instrument :

BNA_G

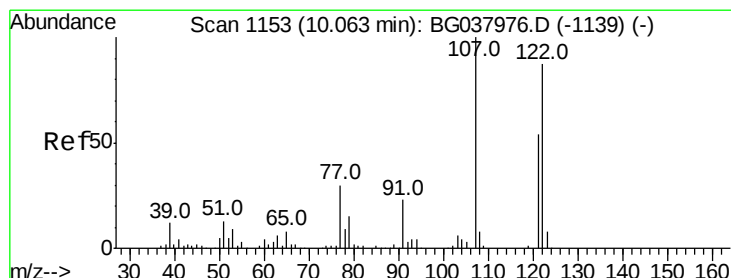
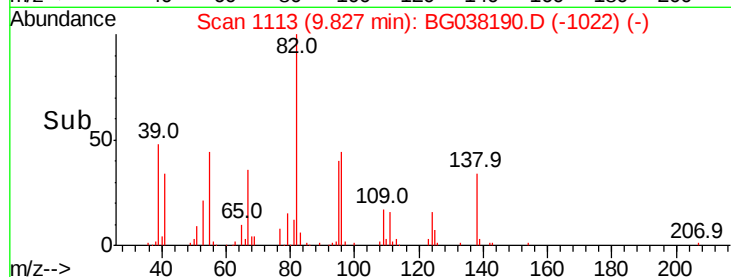
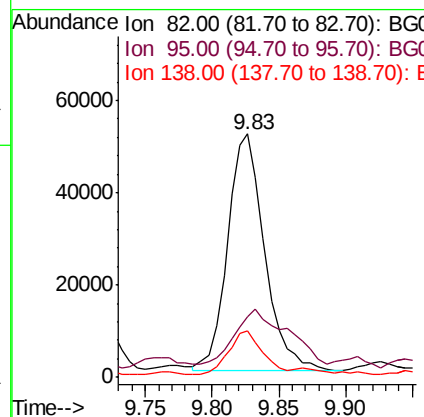
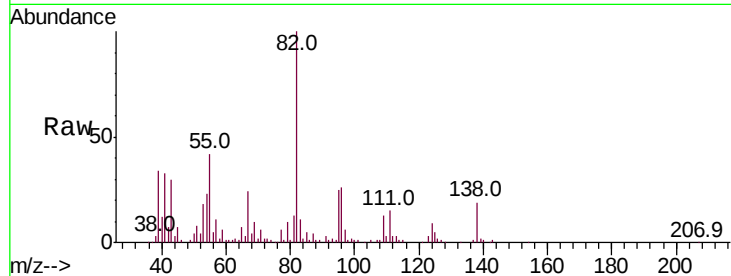
ClientSampled :

OILY-SOIL

Tot Ion:	82	Resp:	99001
Ion Ratio	Lower	Upper	
82	100		
95	24.6	5.3	7.9#
138	19.2	13.3	19.9

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#27

2,4-Dimethylphenol

Concen: 7.438 ng

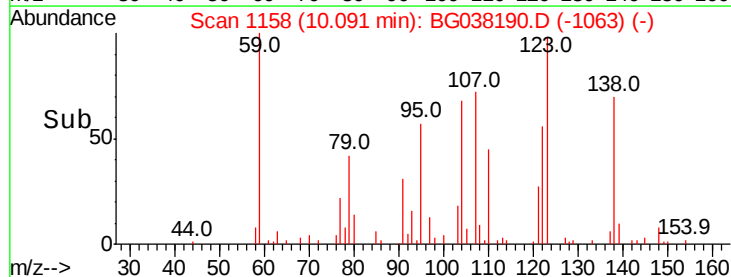
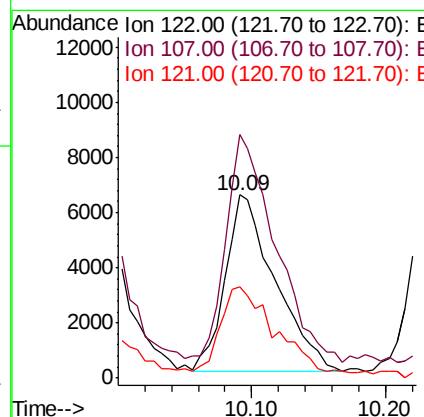
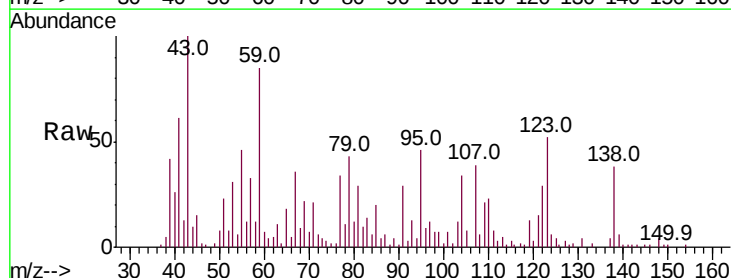
RT: 10.09 min Scan# 1158

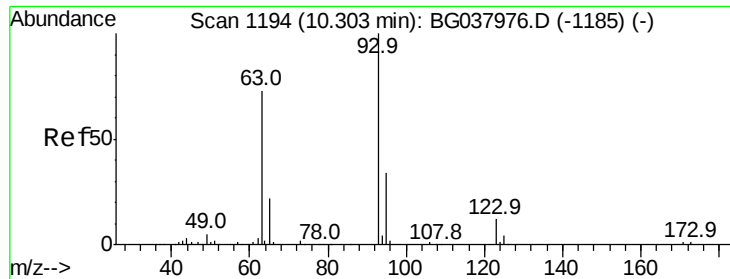
Delta R.T. 0.03 min

Lab File: BG038190.D

Acq: 28 Nov 2018 7:28

Tgt Ion:	122	Resp:	16797
Ion Ratio	Lower	Upper	
122	100		
107	132.9	94.2	141.2
121	50.1	47.3	70.9





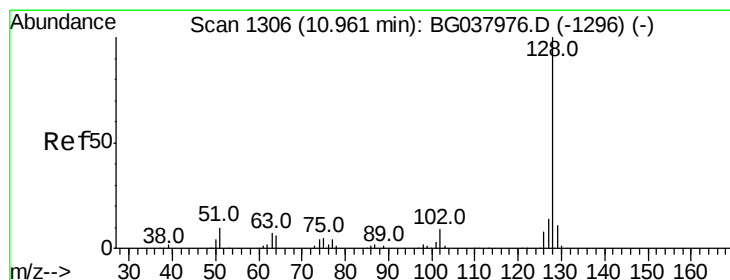
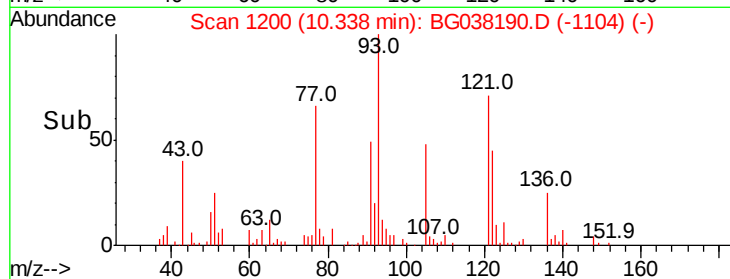
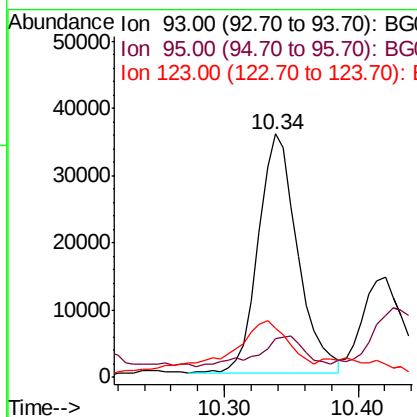
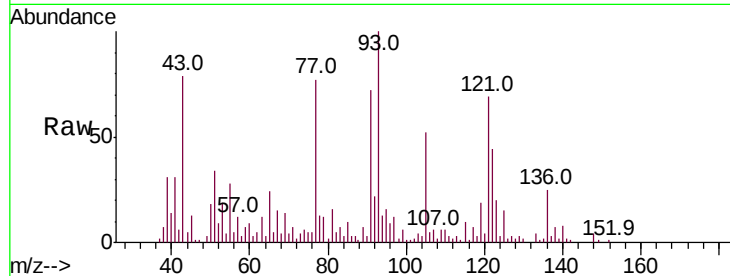
#28
bis(2-Chloroethoxy)methane
Concen: 21.667 ng
RT: 10.34 min Scan# 1200
Delta R.T. 0.03 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL

Tot Ion	Ratio	Lower	Upper
93	100		
95	16.1	24.6	37.0#
123	19.9	9.1	13.7#

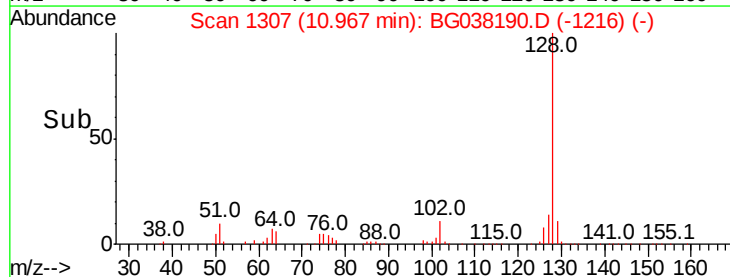
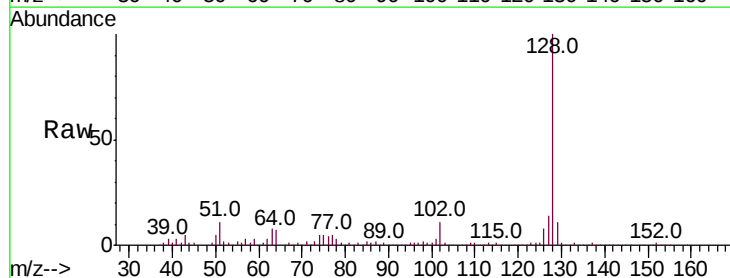
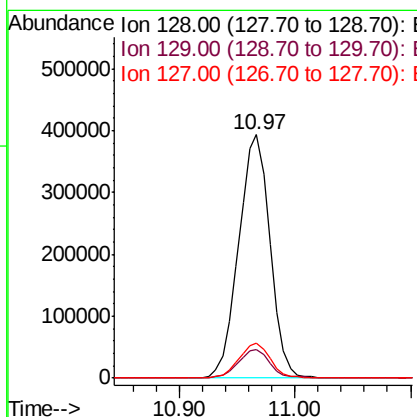
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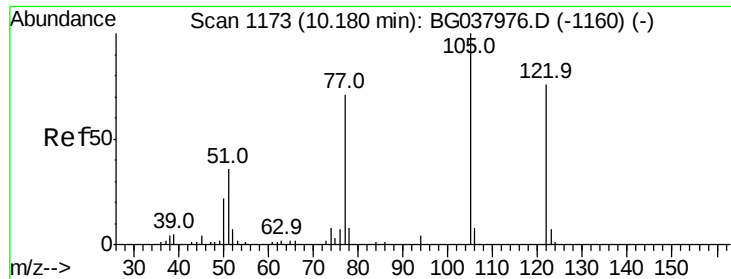
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#31
Naphthalene
Concen: 95.344 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.2	11.1	16.7





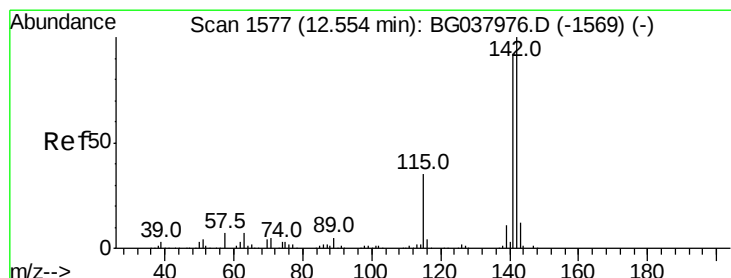
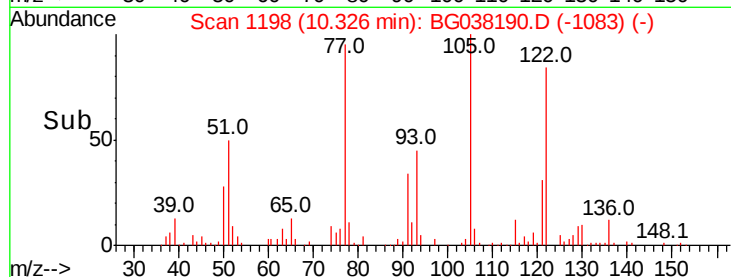
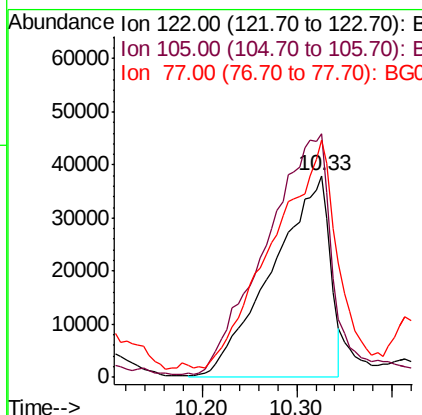
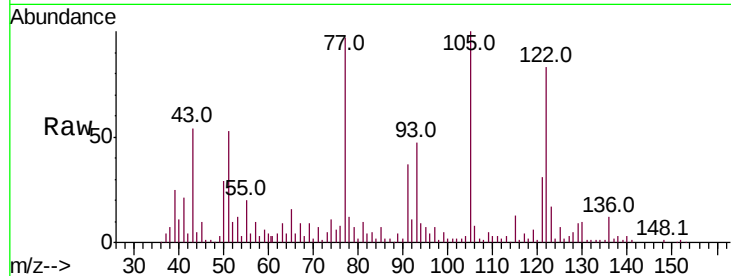
#32
Benzoic acid
Concen: 93.931 ng m
RT: 10.33 min Scan# 1198
Delta R.T. 0.15 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL

Tot Ion:122 Resp: 159687
Ion Ratio Lower Upper
122 100
105 120.7 106.7 146.7
77 117.4 72.2 112.2#

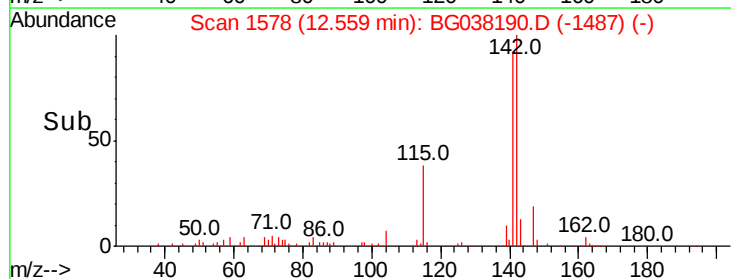
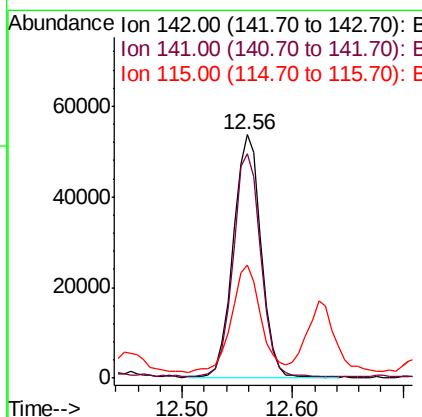
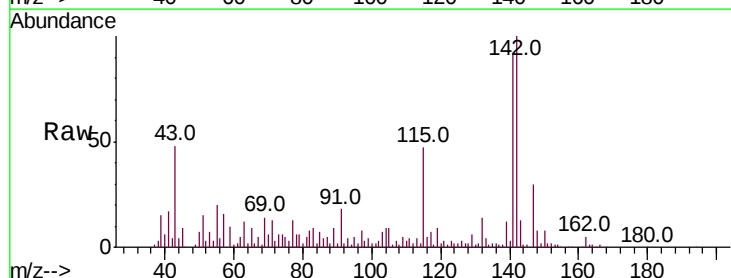
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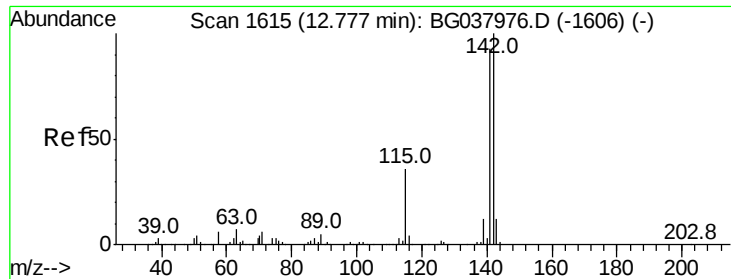
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#37
2-Methylnaphthalene
Concen: 16.956 ng
RT: 12.56 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion:142 Resp: 94120
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9
115 46.6 27.8 41.8#





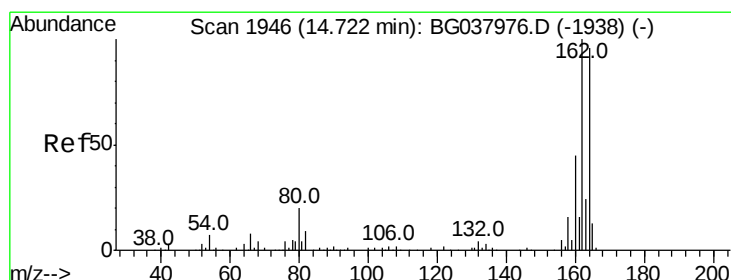
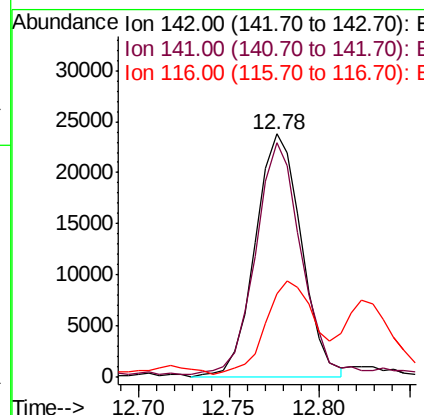
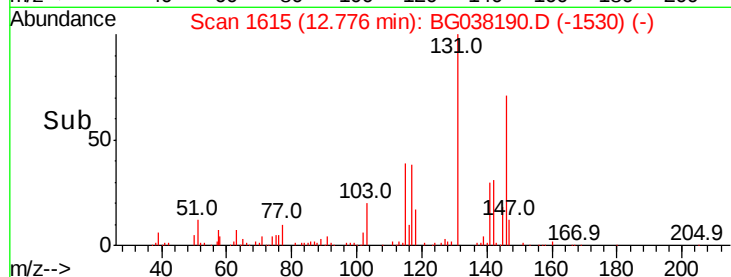
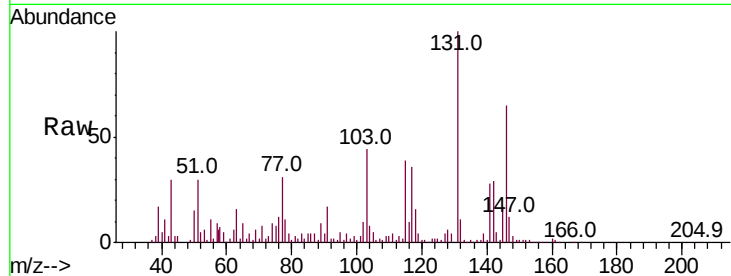
#38
1-Methylnaphthalene
Concen: 7.914 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL

Tot Ion	Ratio	Lower	Upper
142	100		
141	96.2	75.2	112.8
116	34.1	3.3	4.9#

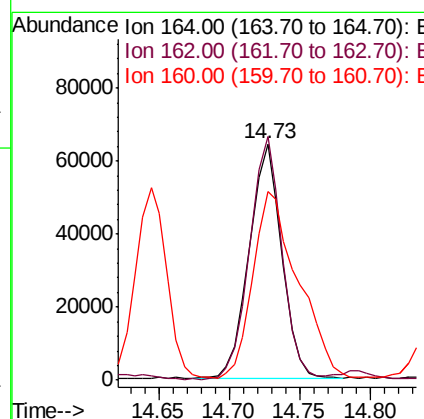
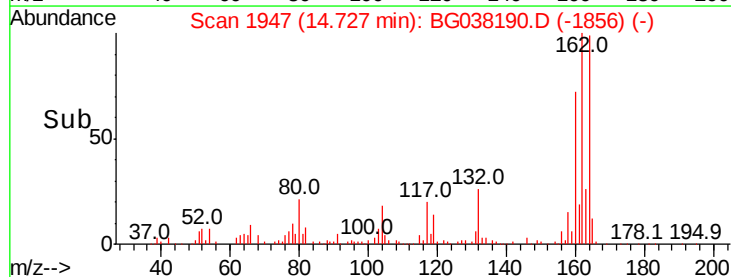
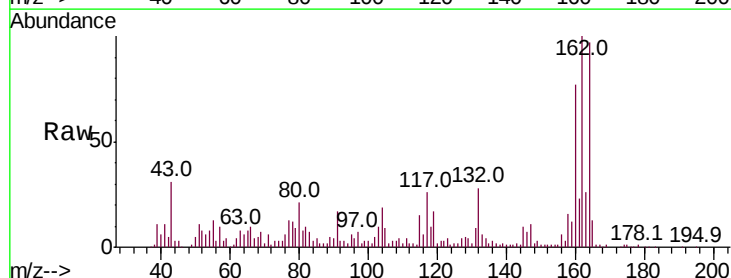
Manual Integrations
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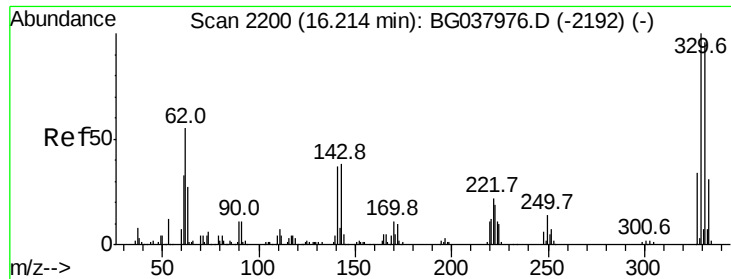
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG038190.D
Acq: 28 Nov 2018 7:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	79.7	36.3	54.5#





#42

2,4,6-Tribromophenol

Concen: 122.870 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BG038190.D

Acq: 28 Nov 2018 7:28

Instrument :

BNA_G

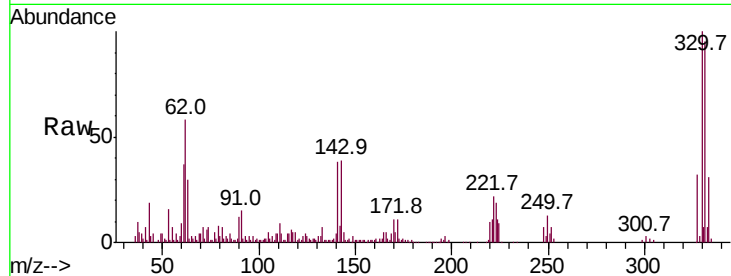
ClientSampled :

OILY-SOIL

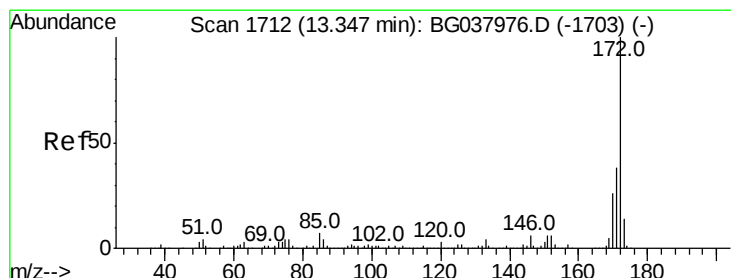
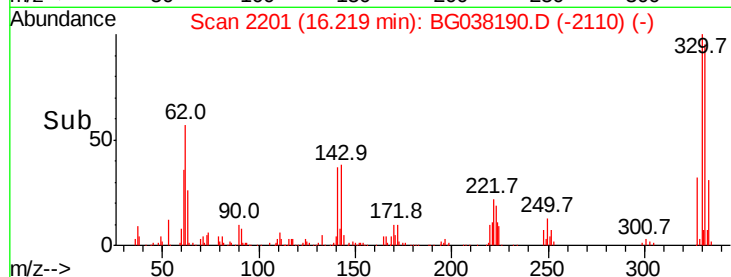
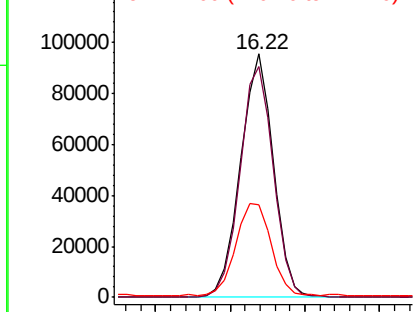
Tot Ion:	330	Resp:	145771
Ion Ratio	Lower	Upper	
330	100		
332	96.2	78.4	117.6
141	41.3	32.2	48.2

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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



#45

2-Fluorobiphenyl

Concen: 74.763 ng

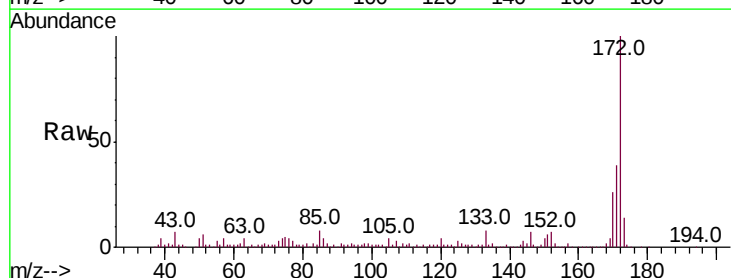
RT: 13.35 min Scan# 1712

Delta R.T. -0.00 min

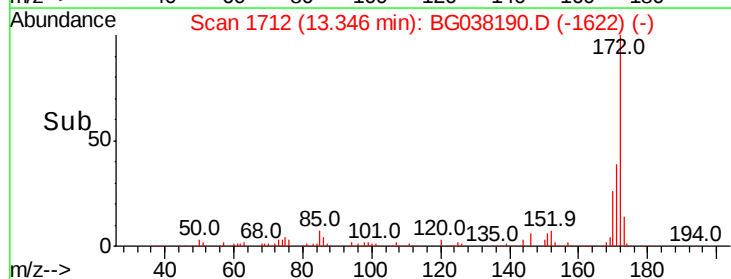
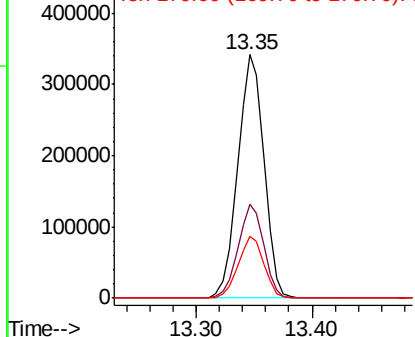
Lab File: BG038190.D

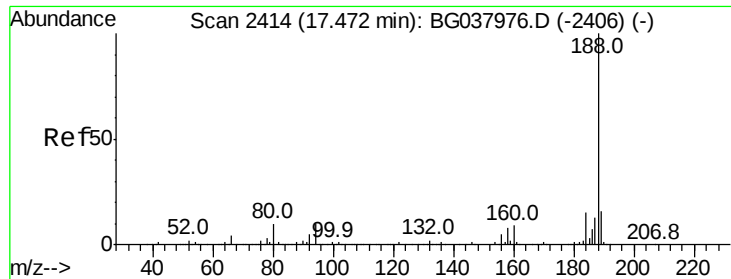
Acq: 28 Nov 2018 7:28

Tgt Ion:	172	Resp:	533841
Ion Ratio	Lower	Upper	
172	100		
171	38.6	31.0	46.4
170	25.6	20.2	30.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038190.D

Acq: 28 Nov 2018 7:28

Instrument :

BNA_G

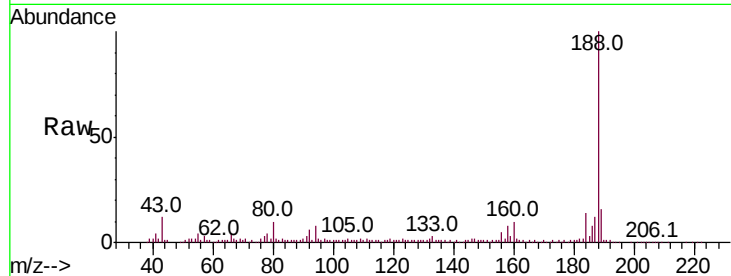
ClientSampled :

OILY-SOIL

Tot Ion:	188	Resp:	211553
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.2	10.8
80	10.0	7.7	11.5

Manual Integrations
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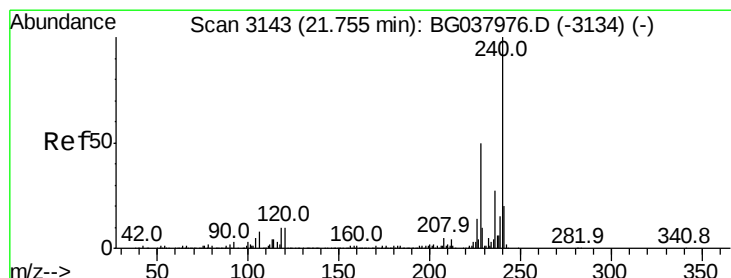
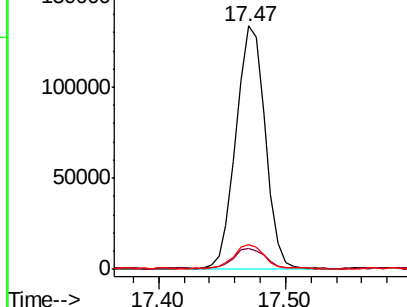
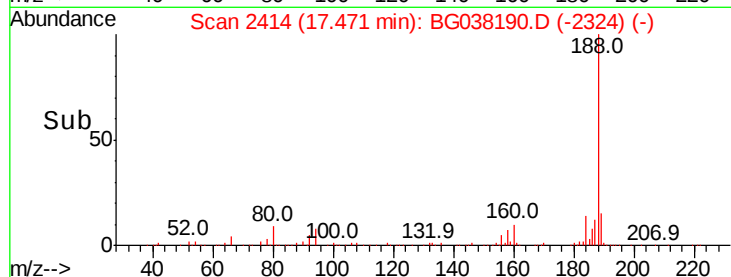
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

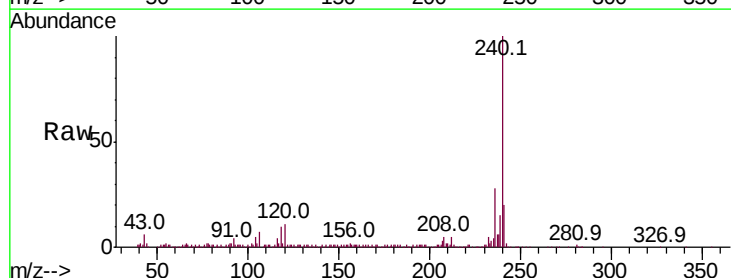
RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038190.D

Acq: 28 Nov 2018 7:28

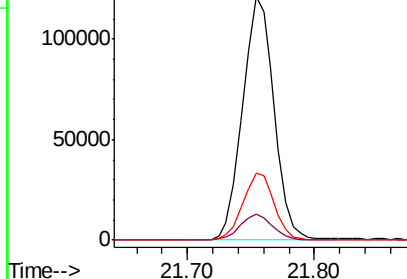
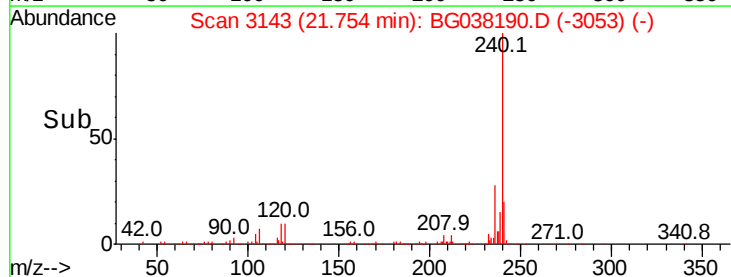
Tgt Ion:	240	Resp:	208550
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.1	12.1
236	27.7	21.4	32.0

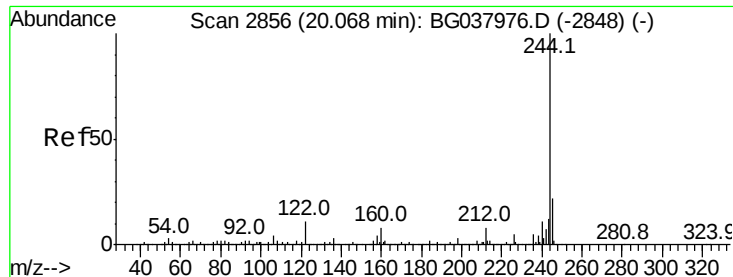


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





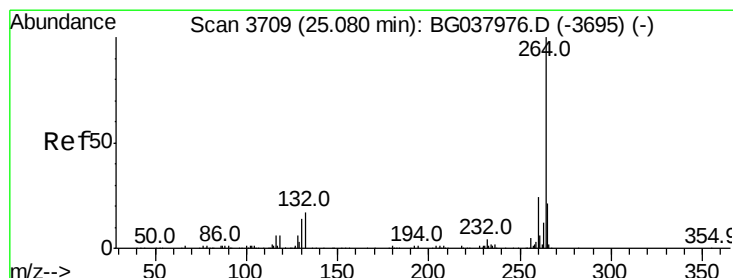
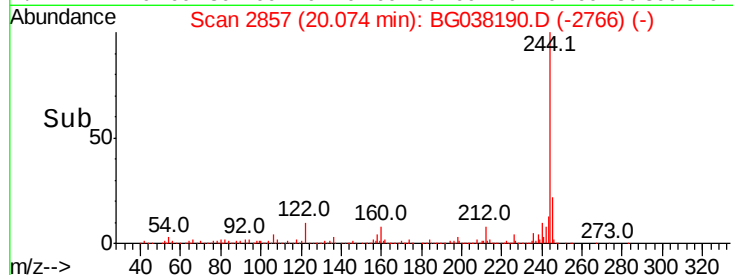
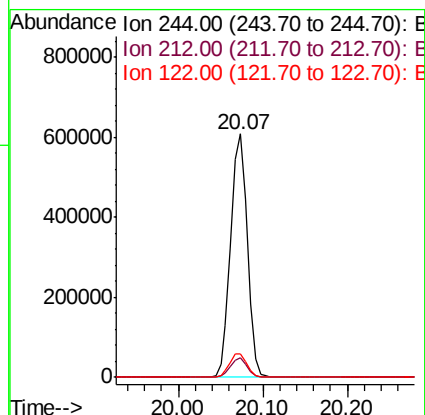
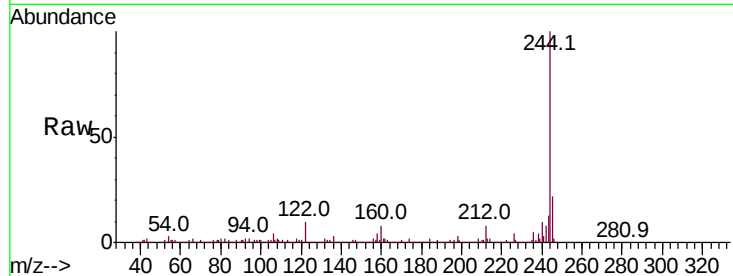
#79
 Terphenyl-d14
 Concen: 93.044 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. 0.01 min
 Lab File: BG038190.D
 Acq: 28 Nov 2018 7:28

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL

Tot Ion:	244	Resp:	824658
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.5	9.7
122	9.8	9.0	13.4

Manual Integrations
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.00 min
 Lab File: BG038190.D
 Acq: 28 Nov 2018 7:28

Tgt Ion:	264	Resp:	221690
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.2	27.4
265	23.5	17.9	26.9

