

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039077.D
 Acq On : 11 Jan 2019 7:06
 Operator : JU/SJ
 Sample : K1083-03MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMS

Manual Integrations
 APPROVED

Sohil
 1/11/2019 4:44:37 PM

Quant Time: Jan 11 08:35:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	24722	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	98975	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69097	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	178582	20.00	ng	0.00
76) Chrysene-d12	21.69	240	192752	20.00	ng	0.00
87) Perylene-d12	24.97	264	210169	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	165458	126.96	ng	0.00
7) Phenol-d6	7.19	99	211496	112.77	ng	0.00
23) Nitrobenzene-d5	9.20	82	145057	80.20	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	149417	129.00	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	399780	79.18	ng	0.00
79) Terphenyl-d14	20.02	244	811699	77.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	17559	34.406	ng	# 23
3) Pyridine	3.87	79	45811	33.035	ng	95
4) n-Nitrosodimethylamine	3.79	42	28505	45.680	ng	97
6) Aniline	7.36	93	27666	12.283	ng	95
8) 2-Chlorophenol	7.59	128	65710	42.773	ng	96
9) Benzaldehyde	7.17	77	21966	20.309	ng	94
10) Phenol	7.22	94	72226	38.411	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	55935	38.921	ng	98
12) 1,3-Dichlorobenzene	7.91	146	69793	37.919	ng	97
13) 1,4-Dichlorobenzene	8.06	146	72361	38.818	ng	98
14) 1,2-Dichlorobenzene	8.38	146	69546	39.129	ng	95
15) Benzyl Alcohol	8.27	79	60145	42.583	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	103963	37.726	ng	98
17) 2-Methylphenol	8.47	107	56562	43.320	ng	95
18) Hexachloroethane	9.10	117	24682	38.974	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	46946	38.118	ng	94
20) 3+4-Methylphenols	8.80	107	76273	40.973	ng	98
22) Acetophenone	8.86	105	99714	38.578	ng	96
24) Nitrobenzene	9.25	77	71016	38.844	ng	96
25) Isophorone	9.76	82	138051	44.308	ng	98
26) 2-Nitrophenol	9.96	139	39431	39.874	ng	99
27) 2,4-Dimethylphenol	10.01	122	65516	47.092	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	76370	40.784	ng	99
29) 2,4-Dichlorophenol	10.50	162	77677	44.942	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	80261	38.648	ng	97
31) Naphthalene	10.90	128	213942	43.098	ng	99
32) Benzoic acid	10.15	122	17083	25.483	ng	# 87
33) 4-Chloroaniline	11.02	127	7017	3.159	ng	# 92
34) Hexachlorobutadiene	11.15	225	53206	37.234	ng	98
35) Caprolactam	11.80	113	19362m	27.936	ng	
36) 4-Chloro-3-methylphenol	12.13	107	78247	42.328	ng	97
37) 2-Methylnaphthalene	12.49	142	161331	43.348	ng	98
38) 1-Methylnaphthalene	12.72	142	154004	43.111	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	103855	40.021	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	108582	74.703	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	70684	43.279	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	78306	45.364	ng	95
46) 1,1'-Biphenyl	13.50	154	218796	39.962	ng	99
47) 2-Chloronaphthalene	13.55	162	174364	39.354	ng	99
48) 2-Nitroaniline	13.76	65	52991	42.692	ng	97
49) Acenaphthylene	14.40	152	289093	43.411	ng	99
50) Dimethylphthalate	14.12	163	237001	40.589	ng	100
51) 2,6-Dinitrotoluene	14.26	165	55003	42.133	ng	92
52) Acenaphthene	14.73	154	165815	41.442	ng	93
53) 3-Nitroaniline	14.59	138	9297	7.020	ng	92
54) 2,4-Dinitrophenol	14.80	184	40391	53.653	ng	93
55) Dibenzofuran	15.07	168	287497	40.684	ng	99
56) 4-Nitrophenol	14.90	139	75053	78.766	ng	99
57) 2,4-Dinitrotoluene	15.04	165	76810	41.011	ng	97
58) Fluorene	15.72	166	230998	43.428	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	76403	46.889	ng	96
60) Diethylphthalate	15.47	149	241930	40.214	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	131154	39.138	ng	98
62) 4-Nitroaniline	15.75	138	52217	37.850	ng	94
63) Azobenzene	16.00	77	186524	39.647	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	40809	30.845	ng	93
66) n-Nitrosodiphenylamine	15.92	169	212955	40.225	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	89619	39.040	ng	96
68) Hexachlorobenzene	16.71	284	98068	39.150	ng	98
69) Atrazine	16.86	200	91854	40.842	ng	95
70) Pentachlorophenol	17.06	266	92445	61.201	ng	95
71) Phenanthrene	17.46	178	409169	43.347	ng	99
72) Anthracene	17.55	178	415752	44.547	ng	99
73) Carbazole	17.83	167	367753	39.916	ng	98
74) Di-n-butylphthalate	18.36	149	428598	41.816	ng	99
75) Fluoranthene	19.47	202	516137	44.108	ng	100
77) Benzidine	19.66	184	38964	6.609	ng	99
78) Pyrene	19.83	202	522563	42.541	ng	99
80) Butylbenzylphthalate	20.70	149	196738	42.110	ng	98
81) Benzo(a)anthracene	21.68	228	517195	44.078	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	55431	11.594	ng	96
83) Chrysene	21.74	228	481575	43.152	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	275557	42.478	ng	96
85) Di-n-octyl phthalate	22.76	149	471028	42.941	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	609606	45.715	ng	98
88) Benzo(b)fluoranthene	23.93	252	518389	44.732	ng	99
89) Benzo(k)fluoranthene	23.99	252	514333	44.888	ng	99
90) Benzo(a)pyrene	24.82	252	513259	45.821	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	511163	45.878	ng	99
92) Benzo(g,h,i)perylene	29.91	276	505524	45.831	ng	97

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

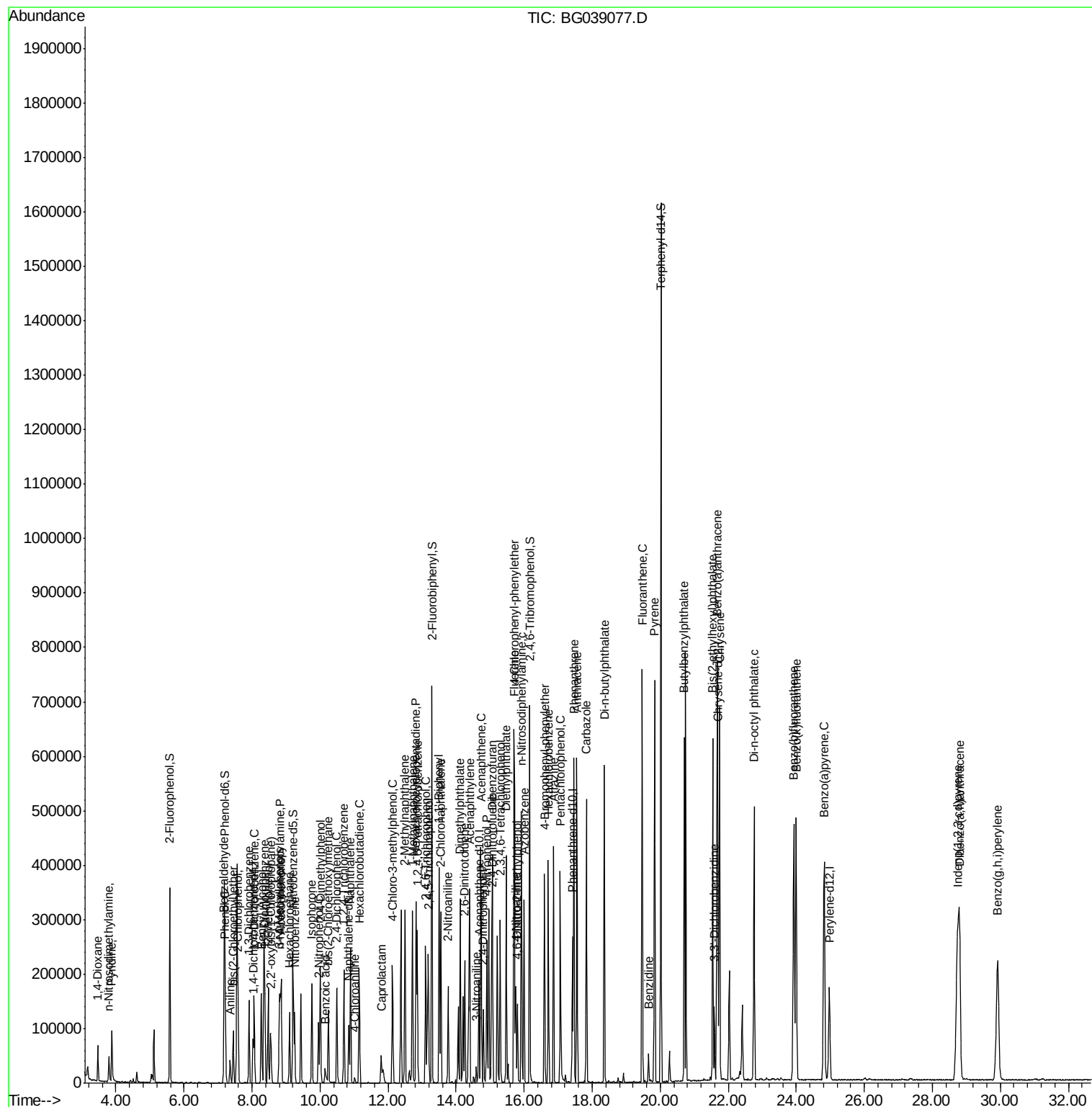
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
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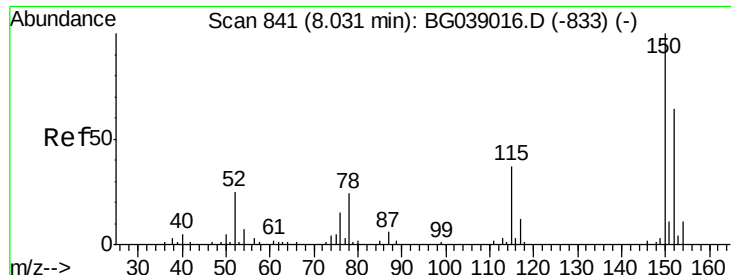
Instrument :
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ClientSampleId :
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#1

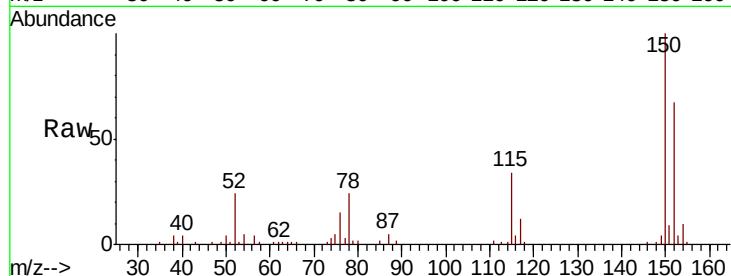
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	124.7	187.1
115	51.1	46.5	69.7

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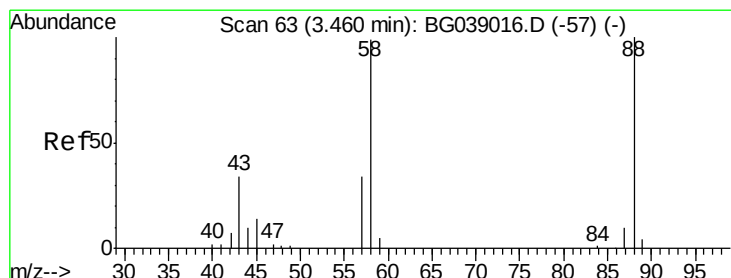
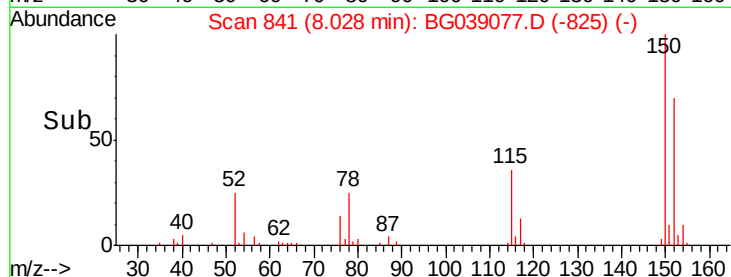
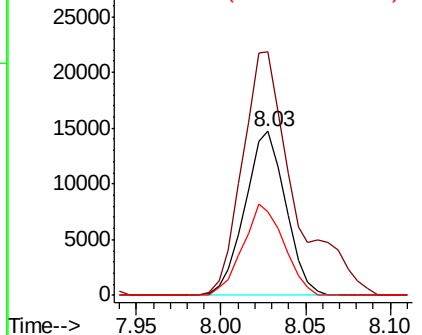


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

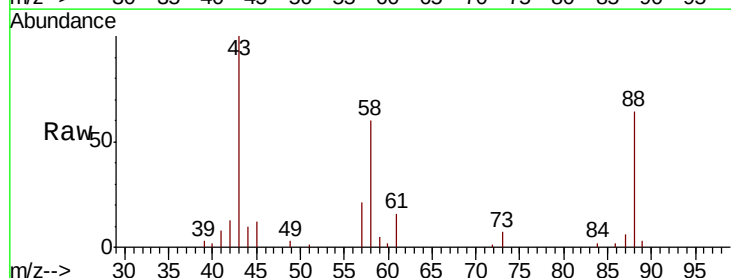
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.406 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.8	72.4	108.6
43	187.5	27.6	41.4#

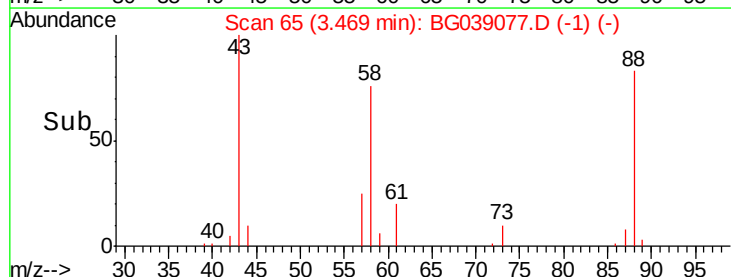
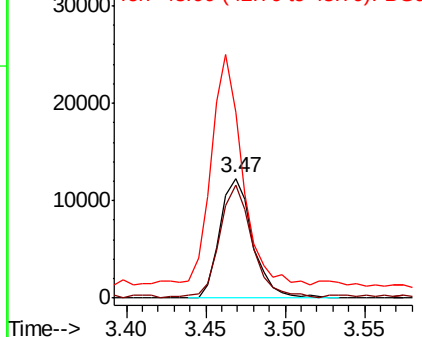


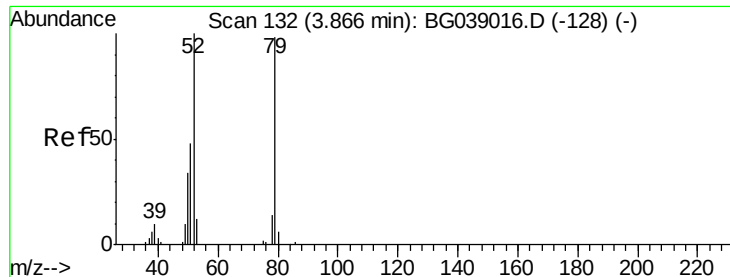
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.035 ng

RT: 3.87 min Scan# 134

Delta R.T. 0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

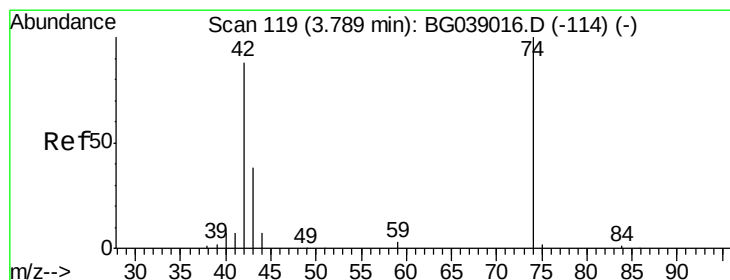
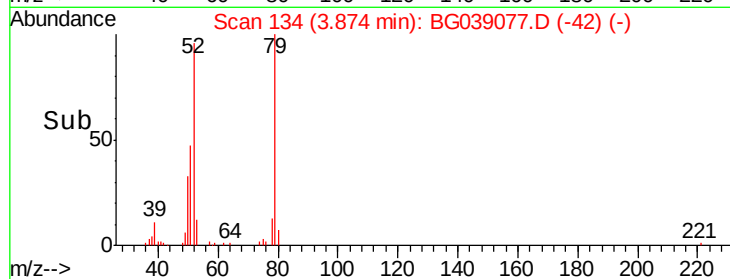
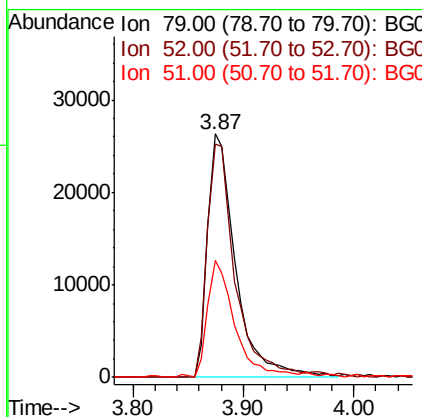
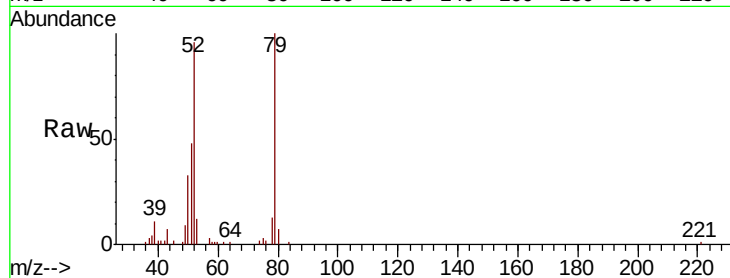
ClientSampleId :

OILY-STONESMS

Tot Ion:	79	Resp:	45811
Ion Ratio	Lower	Upper	
79	100		
52	95.7	81.5	122.3
51	48.0	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 45.680 ng

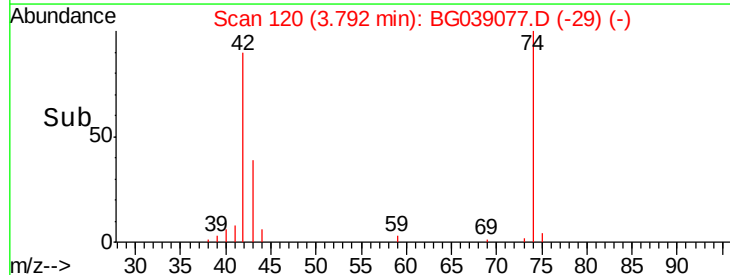
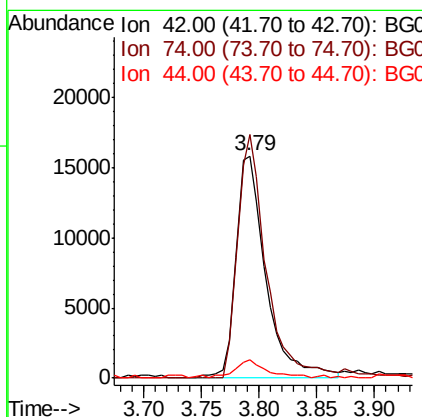
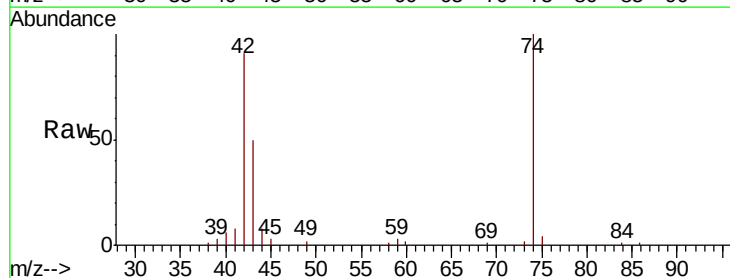
RT: 3.79 min Scan# 120

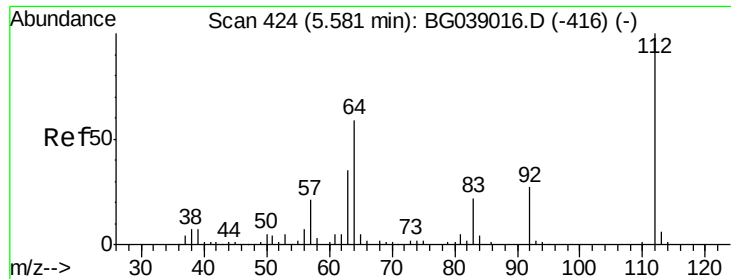
Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	42	Resp:	28505
Ion Ratio	Lower	Upper	
42	100		
74	109.6	90.7	136.1
44	8.3	6.5	9.7





#5

2-Fluorophenol

Concen: 126.960 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

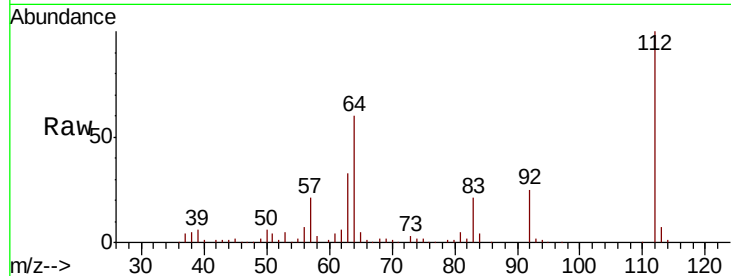
ClientSampleId :

OILY-STONESMS

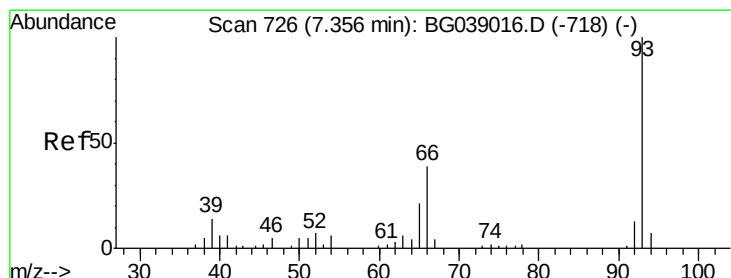
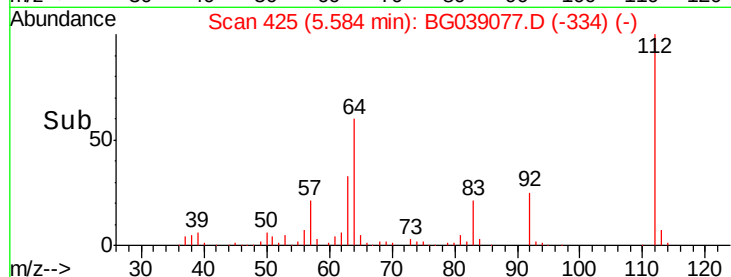
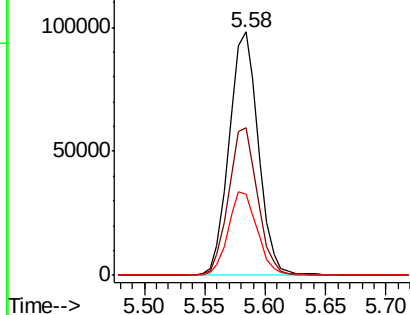
Tot Ion:	112	Resp:	165458
Ion Ratio	Lower	Upper	
112	100		
64	60.5	47.0	70.6
63	33.1	28.0	42.0

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.283 ng

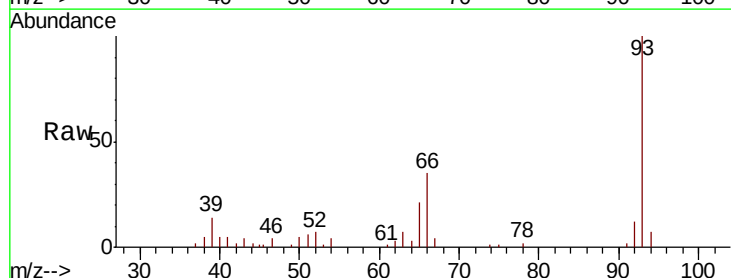
RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

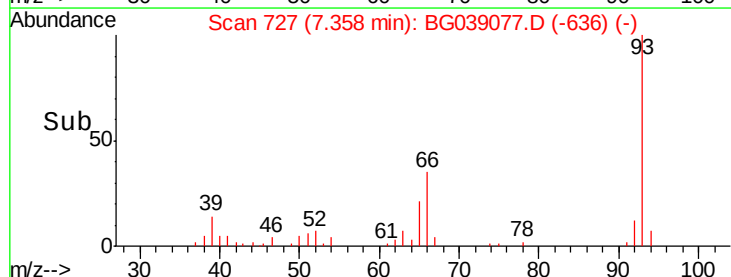
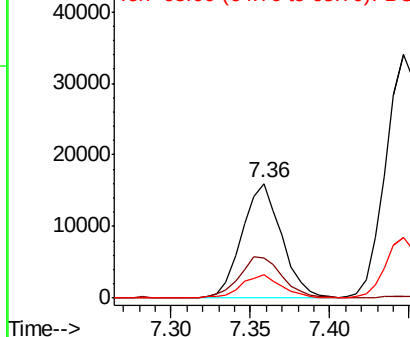
Lab File: BG039077.D

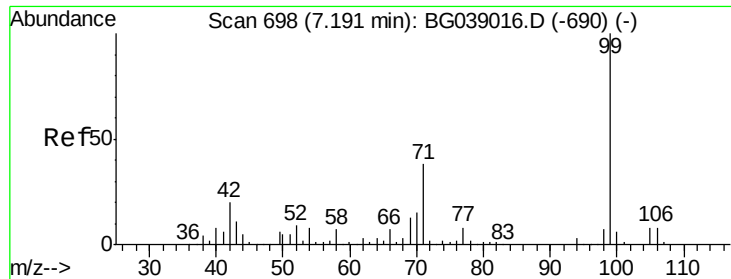
Acq: 11 Jan 2019 7:06

Tgt Ion:	93	Resp:	27666
Ion Ratio	Lower	Upper	
93	100		
66	34.6	30.9	46.3
65	20.8	17.0	25.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.767 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

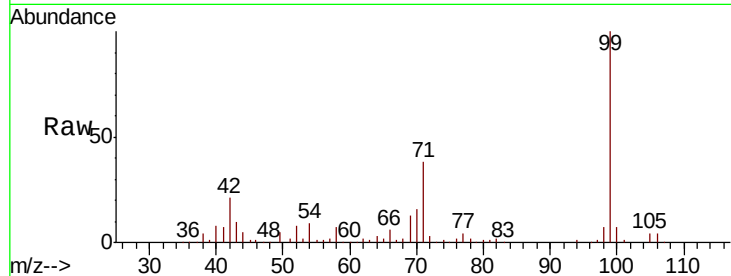
ClientSampleId :

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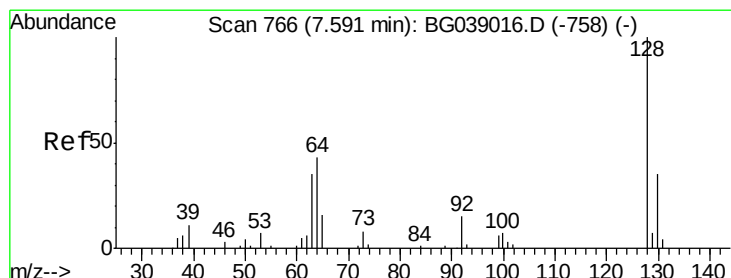
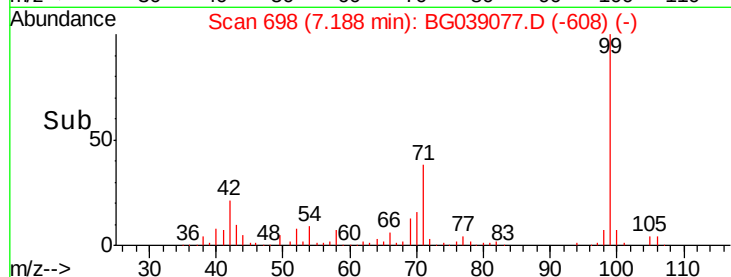
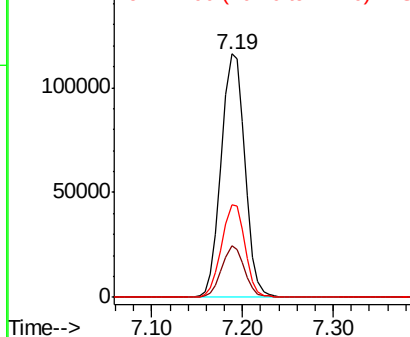
Tot Ion:	99	Resp:	211496
Ion Ratio	Lower	Upper	
99	100		
42	21.3	15.8	23.6
71	37.8	30.2	45.4

Manual Integrations
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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



#8

2-Chlorophenol

Concen: 42.773 ng

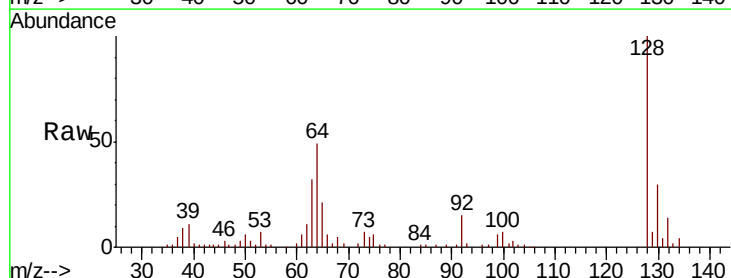
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

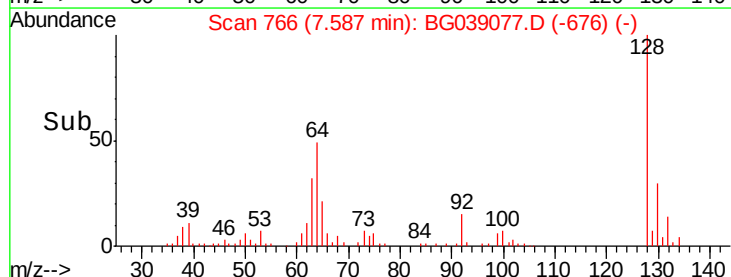
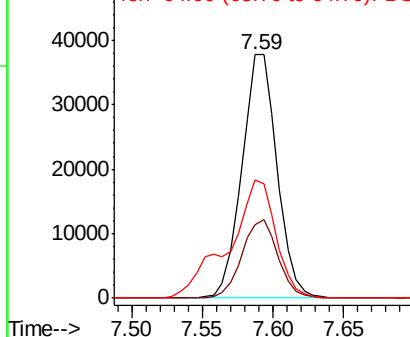
Lab File: BG039077.D

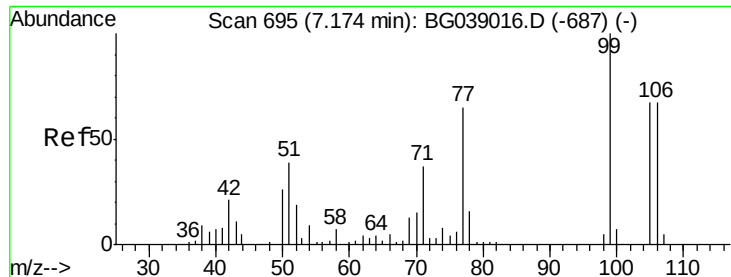
Acq: 11 Jan 2019 7:06

Tgt Ion:	128	Resp:	65710
Ion Ratio	Lower	Upper	
128	100		
130	30.1	14.5	54.5
64	48.7	27.3	67.3



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.309 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

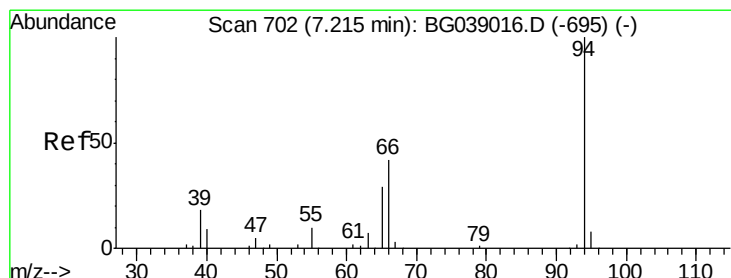
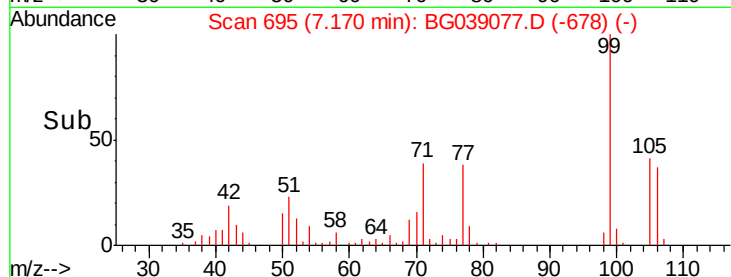
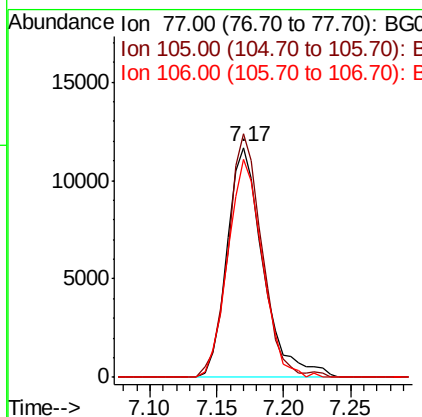
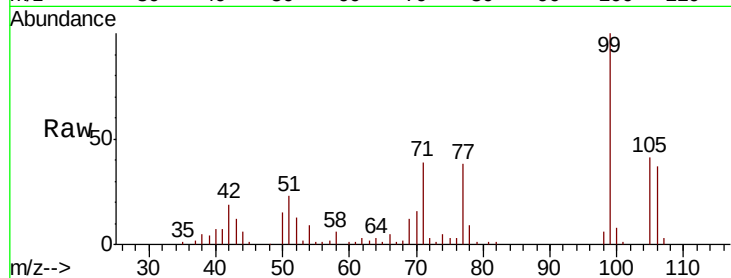
ClientSampleId :

OILY-STONESMS

Tot Ion:	77	Resp:	21966
Ion	Ratio	Lower	Upper
77	100		
105	106.0	82.4	122.4
106	95.2	82.8	122.8

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#10

Phenol

Concen: 38.411 ng

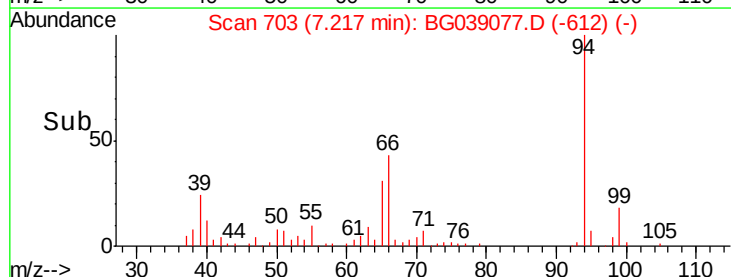
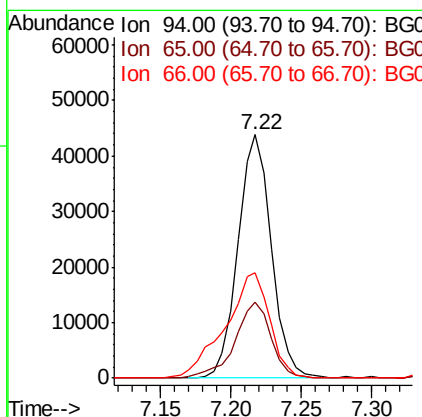
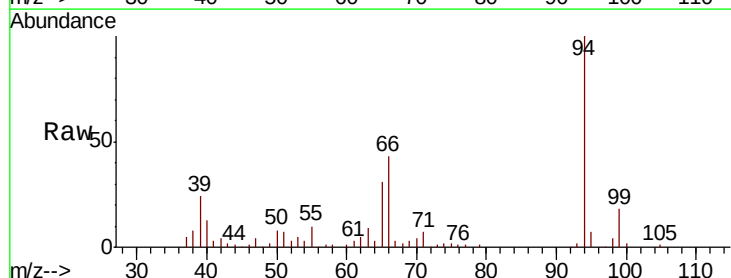
RT: 7.22 min Scan# 703

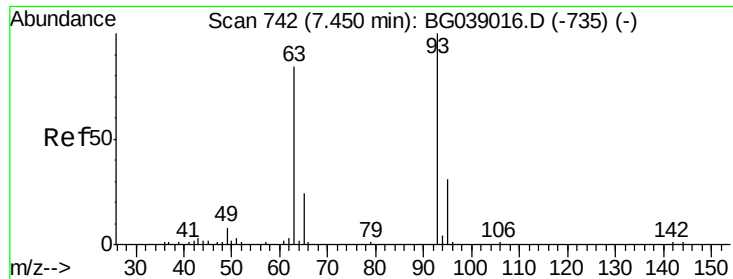
Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	94	Resp:	72226
Ion	Ratio	Lower	Upper
94	100		
65	31.2	10.3	50.3
66	43.4	25.1	65.1





#11

bis(2-Chloroethyl)ether

Concen: 38.921 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

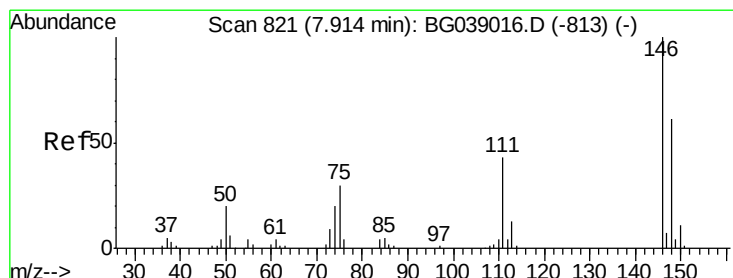
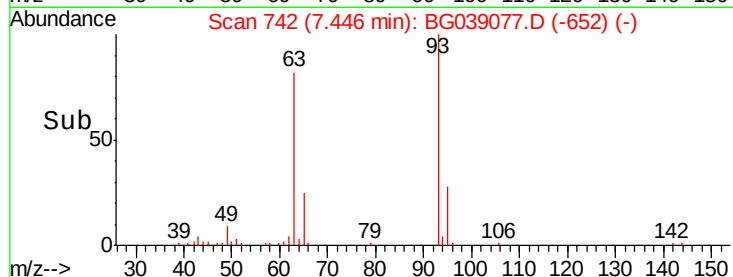
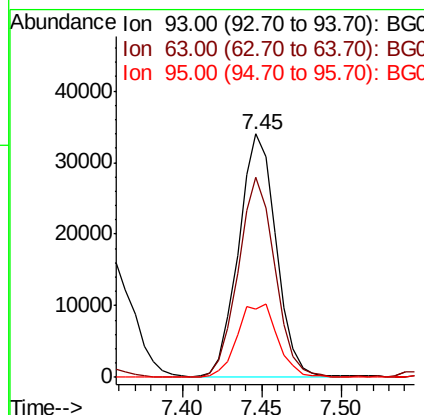
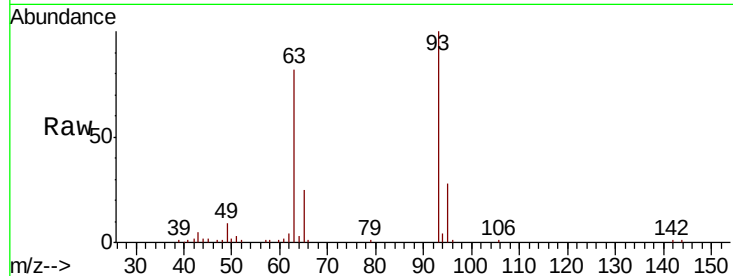
ClientSampleId :

OILY-STONESMS

Tot Ion:	93	Resp:	55935
Ion Ratio	Lower	Upper	
93	100		
63	82.1	63.2	103.2
95	28.2	11.2	51.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 37.919 ng

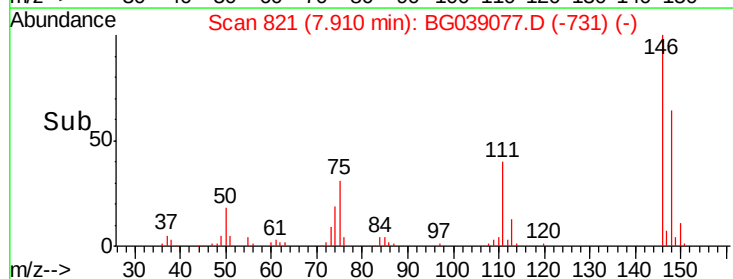
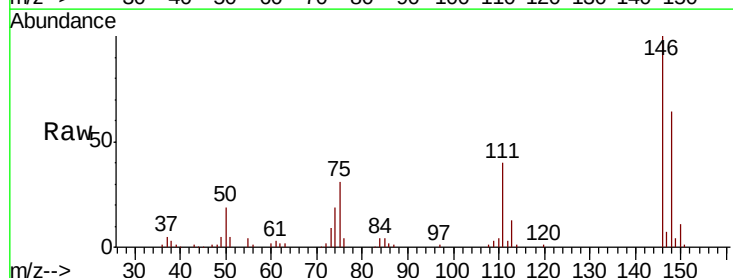
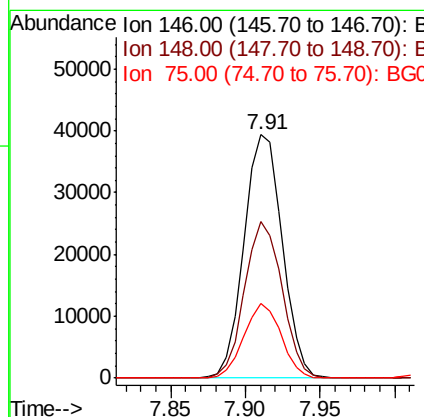
RT: 7.91 min Scan# 821

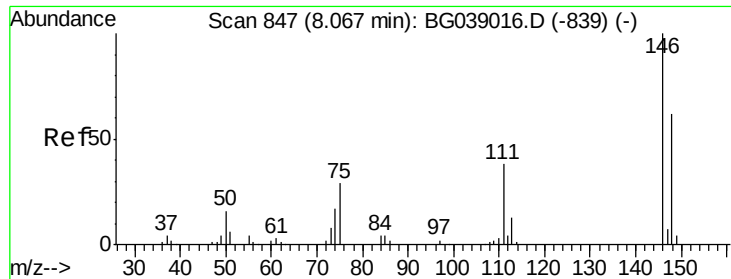
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	146	Resp:	69793
Ion Ratio	Lower	Upper	
146	100		
148	64.3	49.1	73.7
75	30.9	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 38.818 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

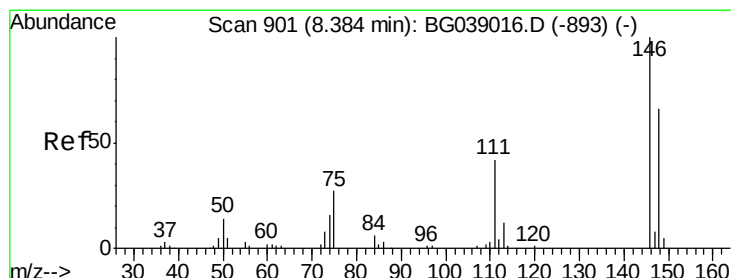
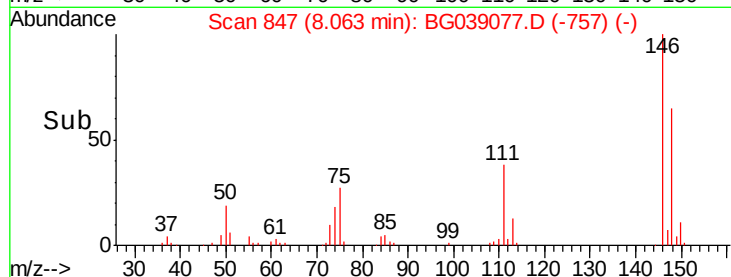
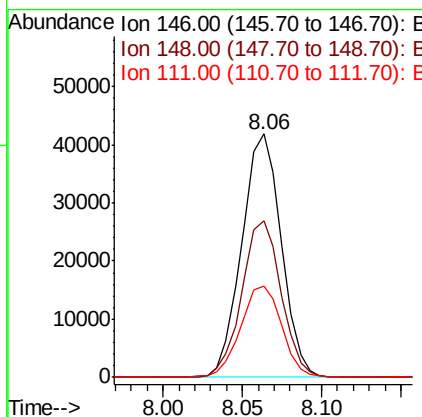
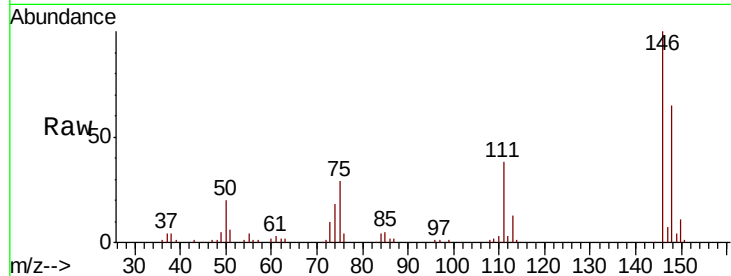
ClientSampleId :

OILY-STONESMS

Tot Ion:	146	Resp:	72361
Ion Ratio	Lower	Upper	
146	100		
148	64.5	49.8	74.6
111	37.5	30.6	45.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.129 ng

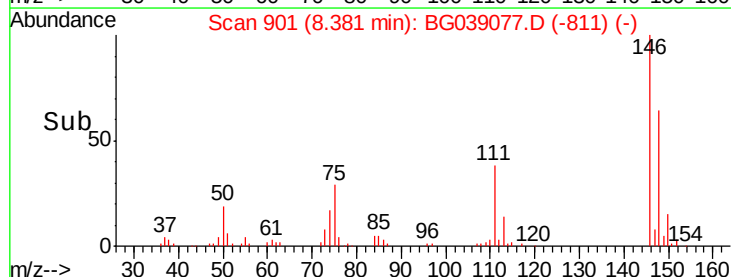
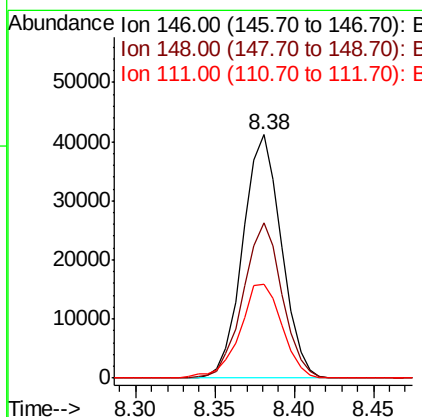
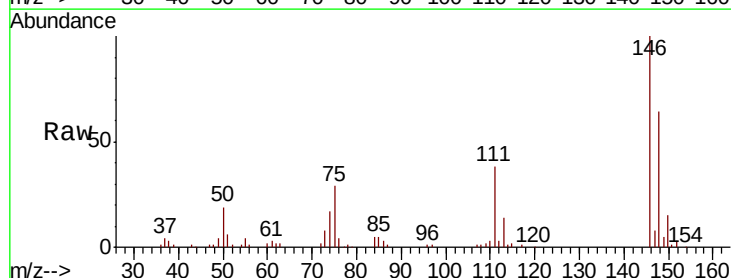
RT: 8.38 min Scan# 901

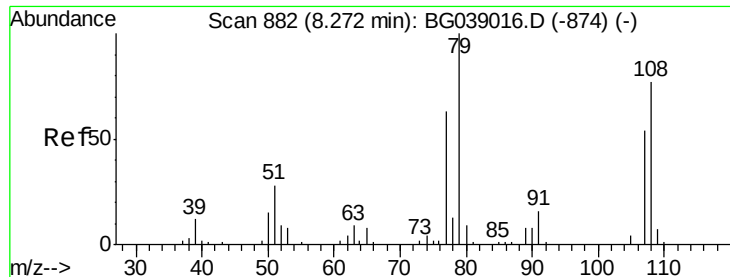
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	146	Resp:	69546
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.6	79.0
111	38.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.583 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

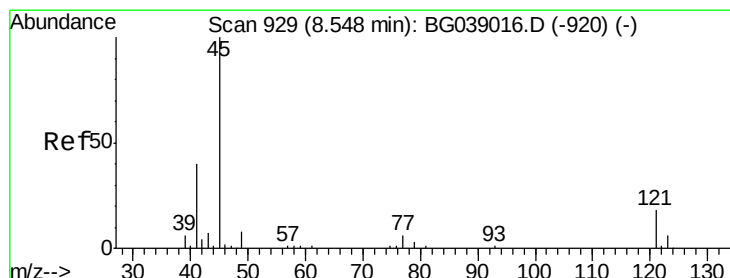
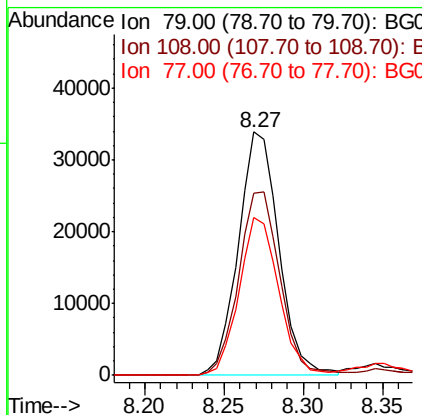
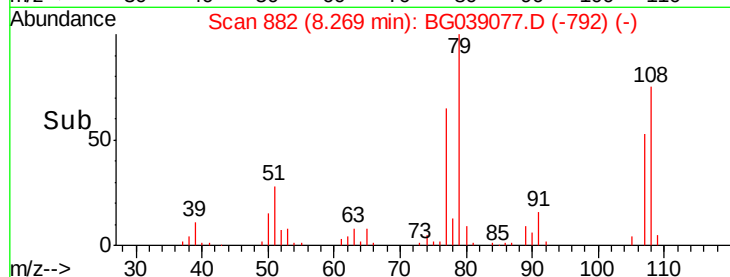
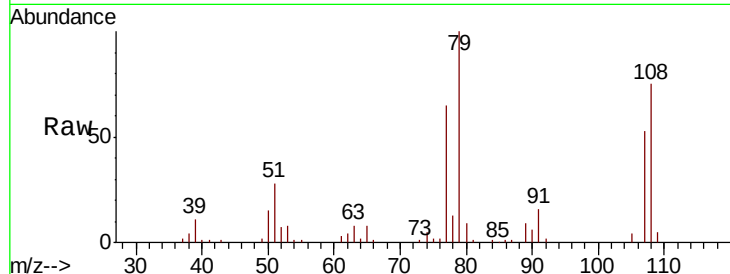
ClientSampleId :

OILY-STONESMS

Tot Ion:	79	Resp:	60145
Ion Ratio	Lower	Upper	
79	100		
108	74.8	62.0	93.0
77	64.7	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.726 ng

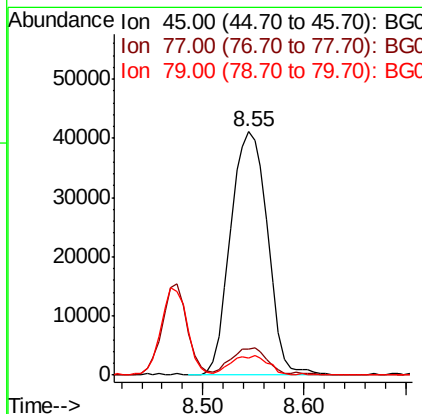
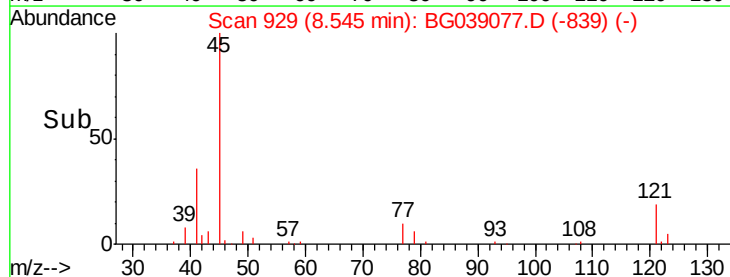
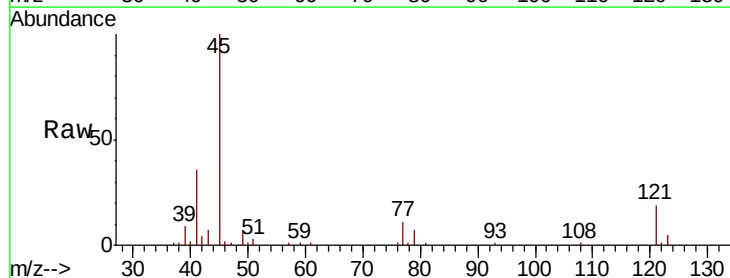
RT: 8.55 min Scan# 929

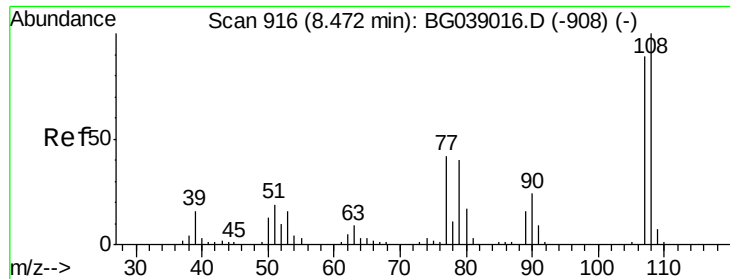
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	45	Resp:	103963
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.7
79	7.1	0.0	28.5





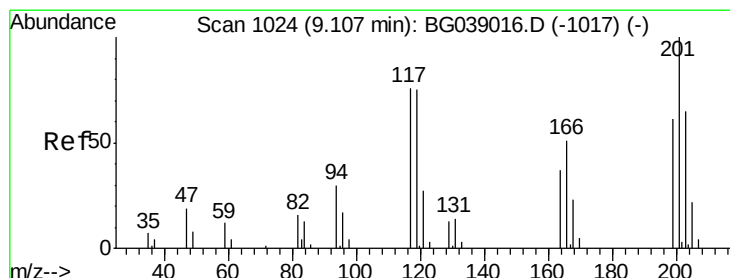
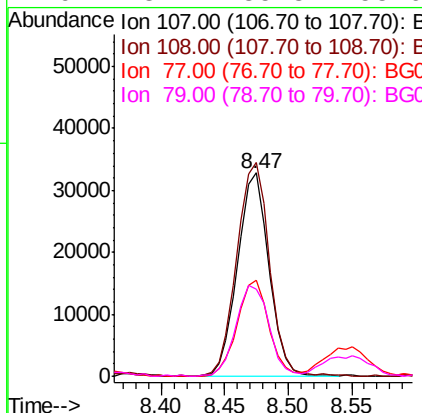
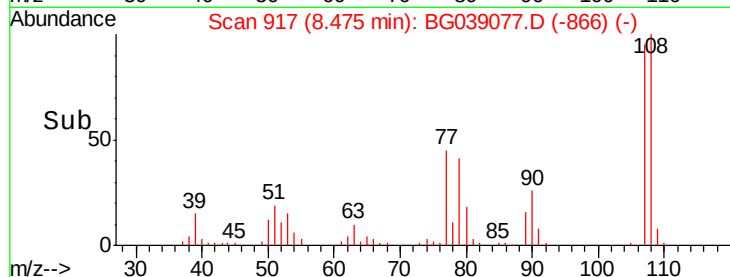
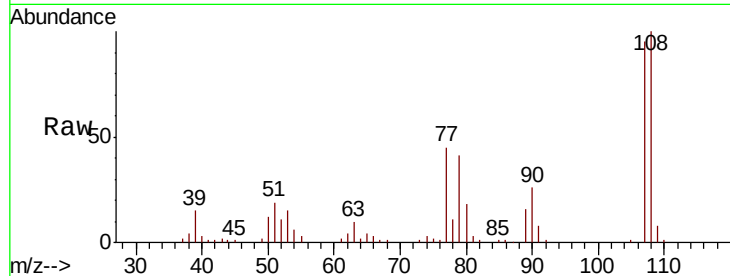
#17
2-Methylphenol
Concen: 43.320 ng
RT: 8.47 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.0	90.3	135.5	
77	47.3	38.3	57.5	
79	43.1	35.8	53.6	

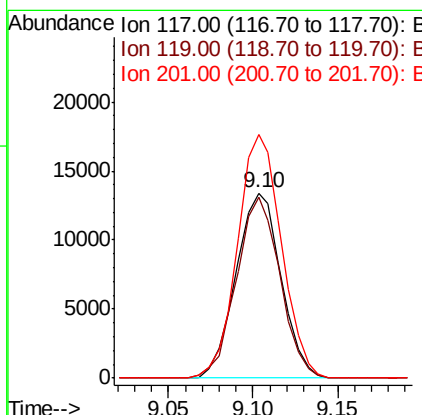
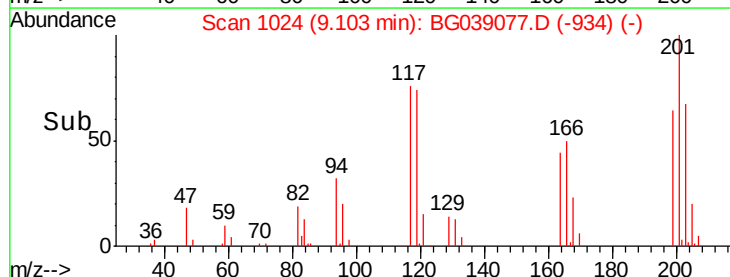
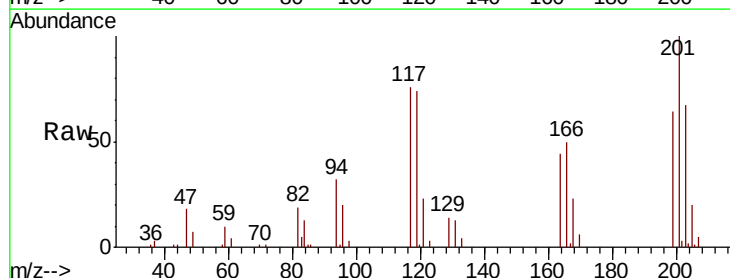
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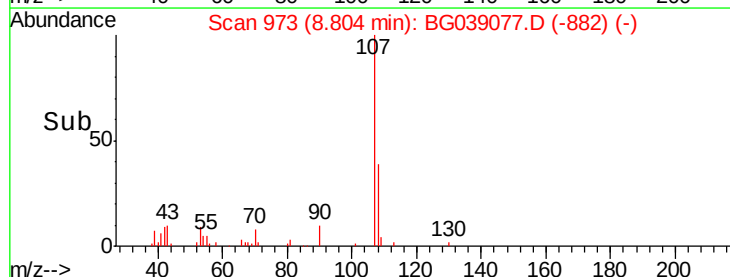
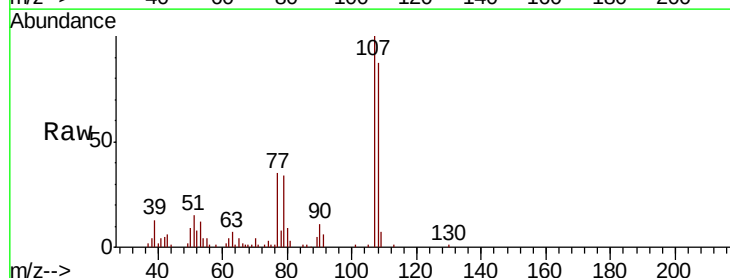
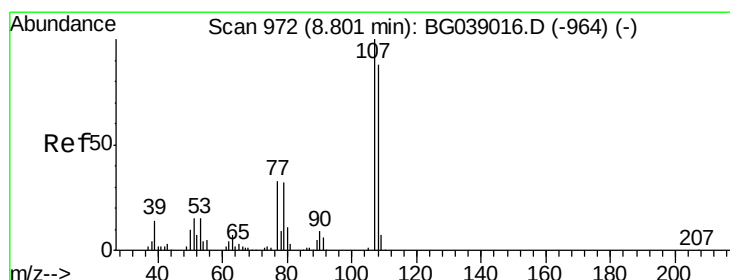
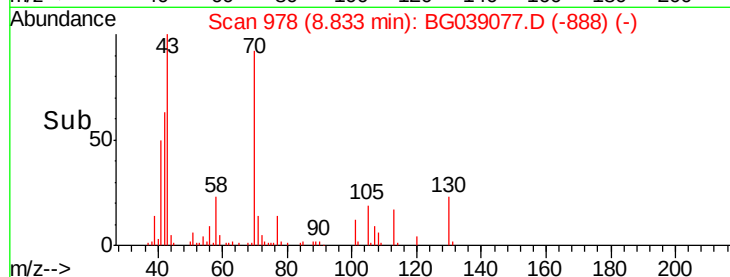
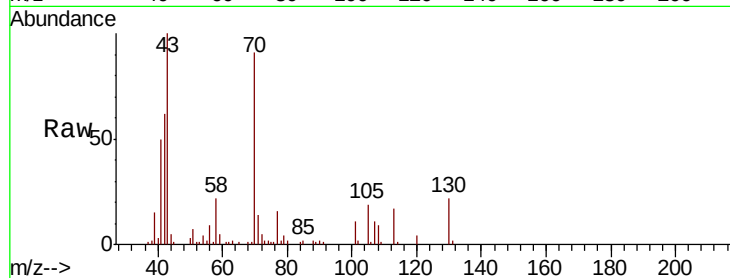
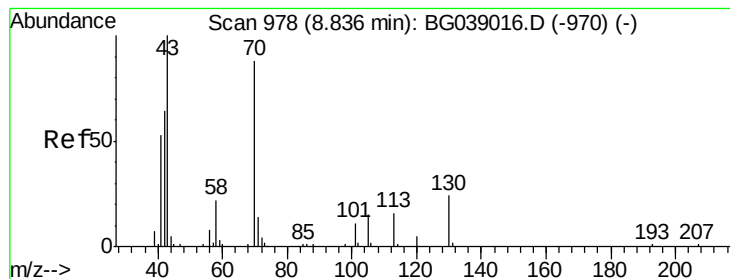
Sohil
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#18
Hexachloroethane
Concen: 38.974 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	78.7	118.1	
201	131.6	108.1	162.1	





#19

n-Nitroso-di-n-propylamine

Concen: 38.118 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

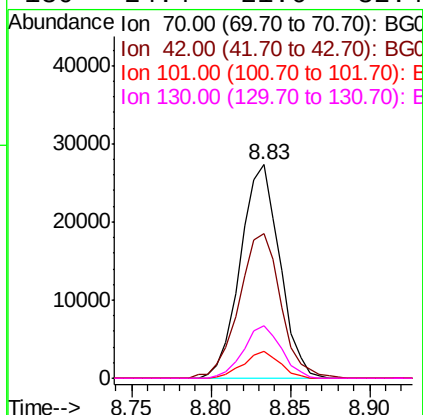
ClientSampleId :

OILY-STONESMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.6	59.0	88.4	
101	12.5	10.4	15.6	
130	24.4	21.6	32.4	

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#20

3+4-Methylphenols

Concen: 40.973 ng

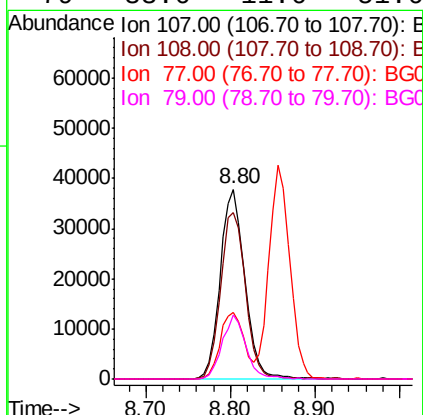
RT: 8.80 min Scan# 973

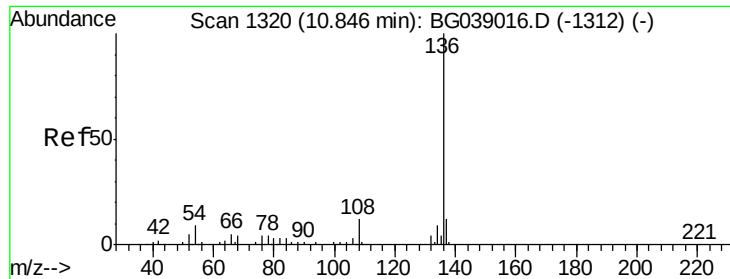
Delta R.T. 0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	68.4	108.4	
77	35.0	13.3	53.3	
79	33.6	11.6	51.6	





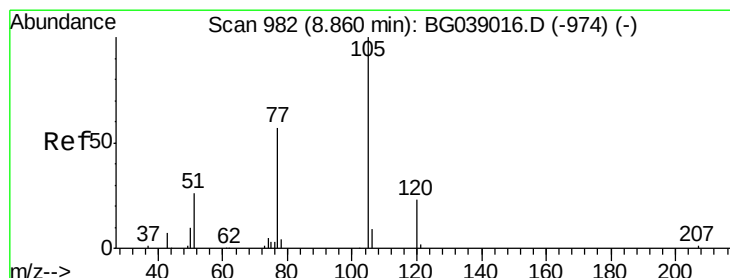
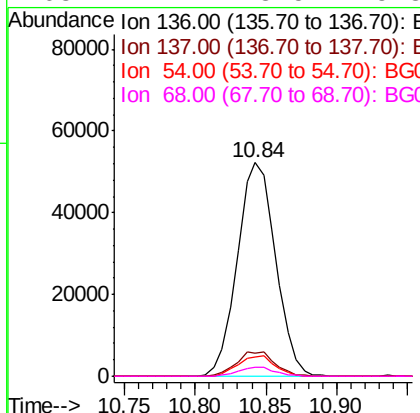
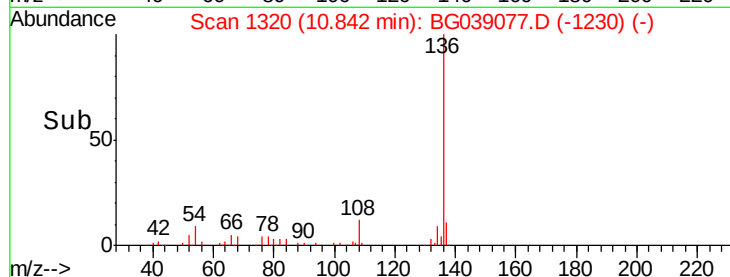
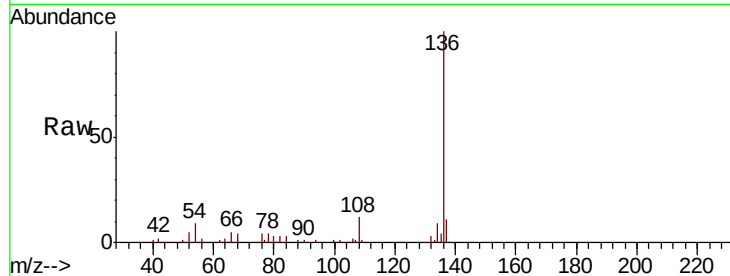
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	98975		
137	10.9		9.4	14.2
54	9.0		7.2	10.8
68	4.4		3.5	5.3

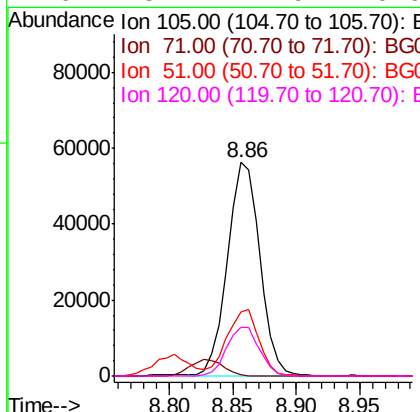
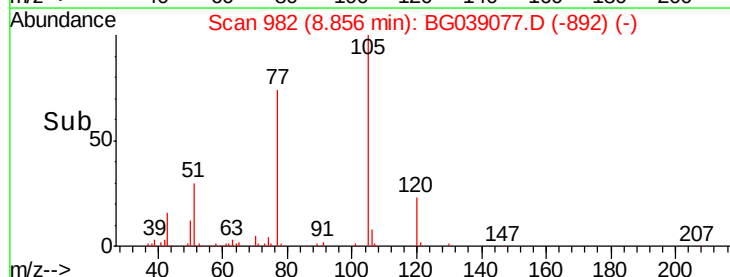
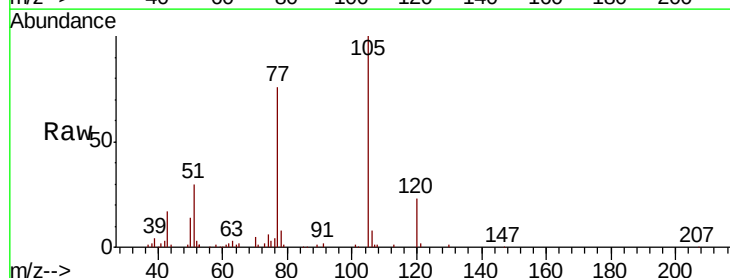
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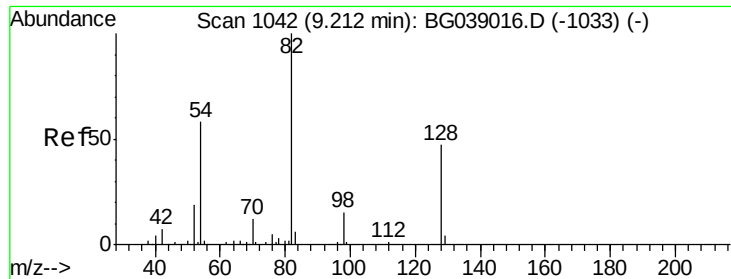
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#22
Acetophenone
Concen: 38.578 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	99714		
71	0.8		0.6	1.0
51	30.3		26.6	39.8
120	23.1		17.9	26.9





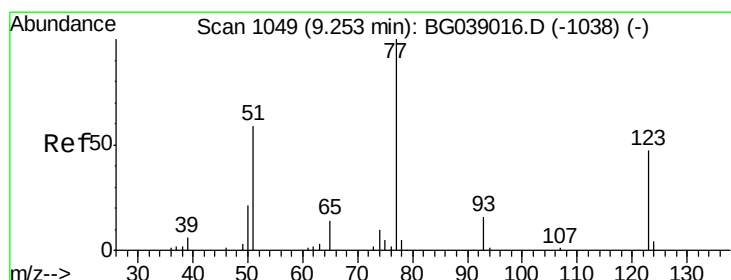
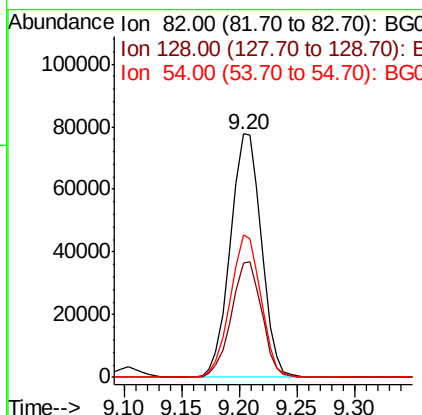
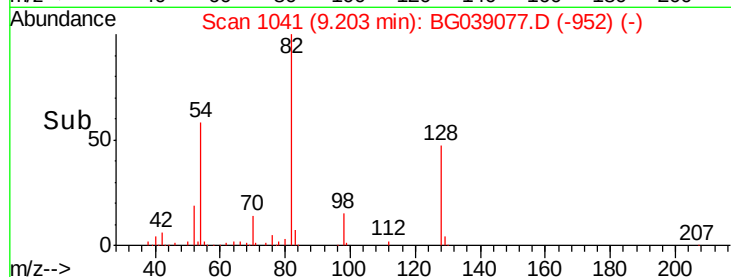
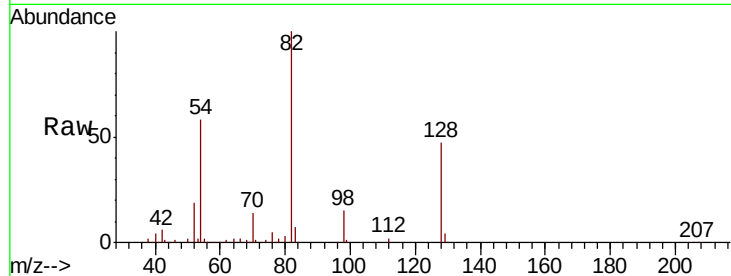
#23
Nitrobenzene-d5
Concen: 80.196 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.3	55.9
54	58.4	46.4	69.6

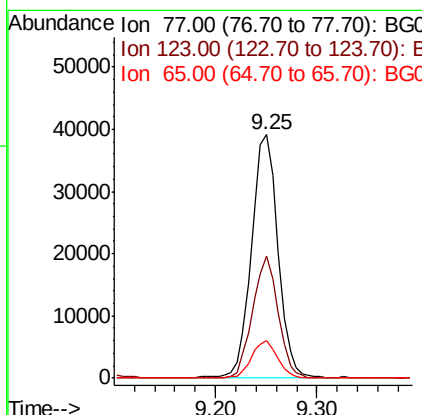
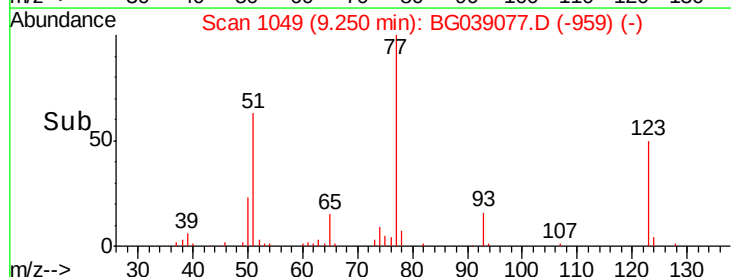
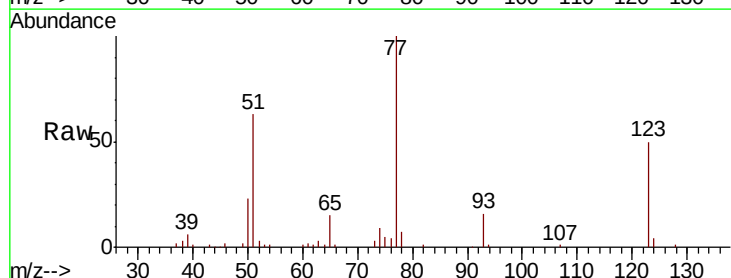
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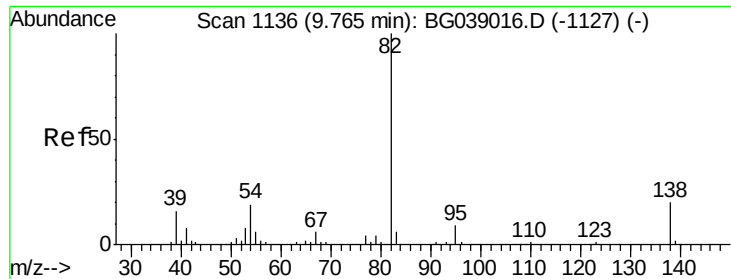
Sohil
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#24
Nitrobenzene
Concen: 38.844 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.6	56.4
65	15.3	11.0	16.6





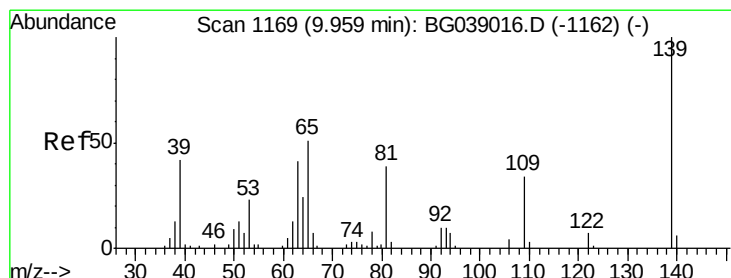
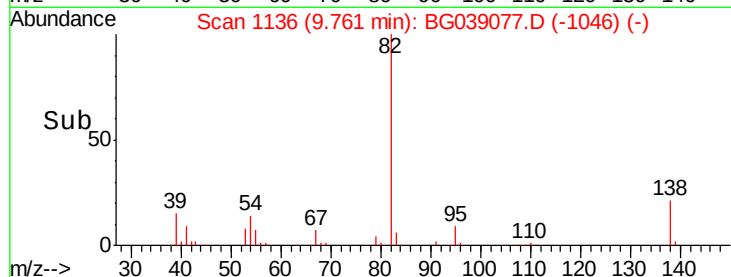
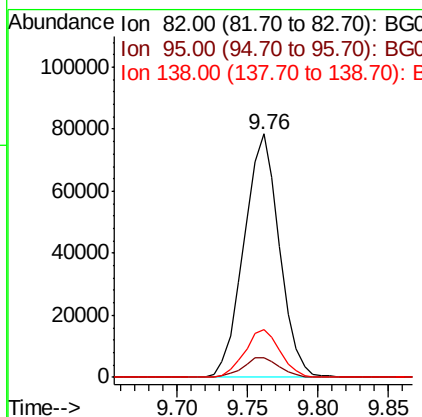
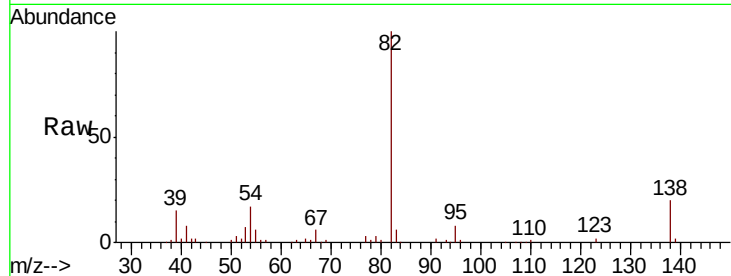
#25
Isophorone
Concen: 44.308 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	82	Resp	138051
Ion Ratio	100	Lower	Upper
82	100		
95	8.2	7.0	10.6
138	19.6	16.2	24.4

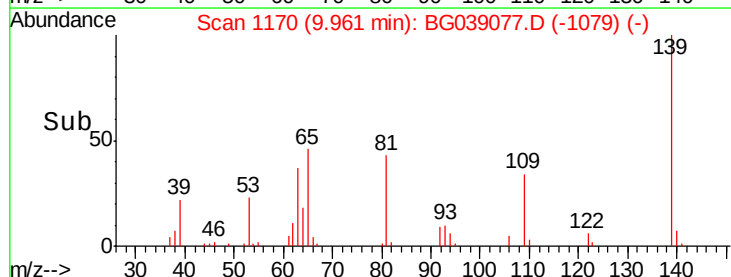
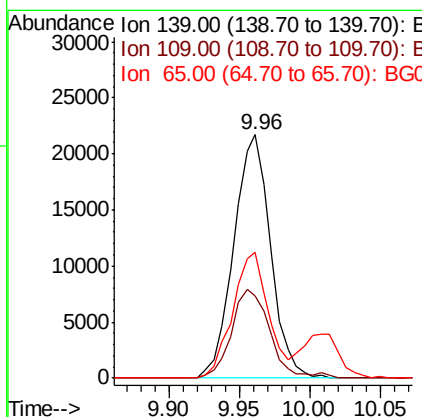
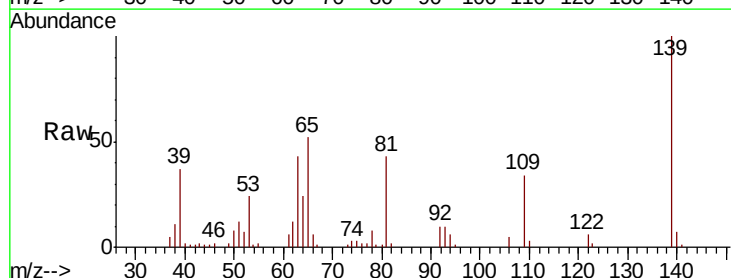
Manual Integrations
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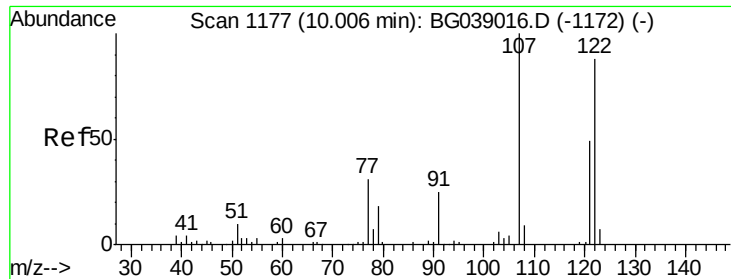
Sohil
1/11/2019 4:44:37 PM



#26
2-Nitrophenol
Concen: 39.874 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	139	Resp	39431
Ion Ratio	100	Lower	Upper
139	100		
109	33.9	27.3	40.9
65	51.7	40.6	61.0





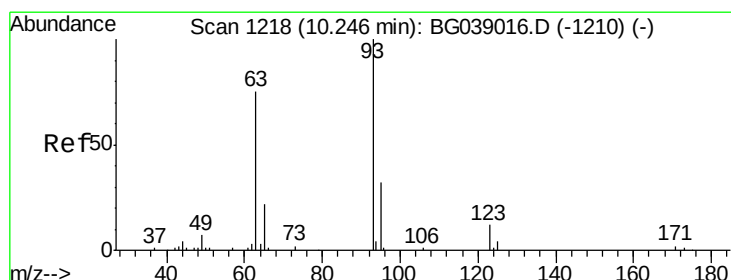
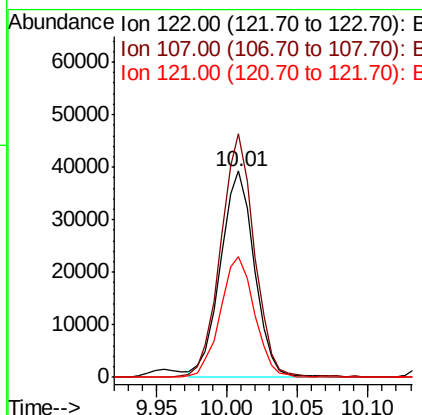
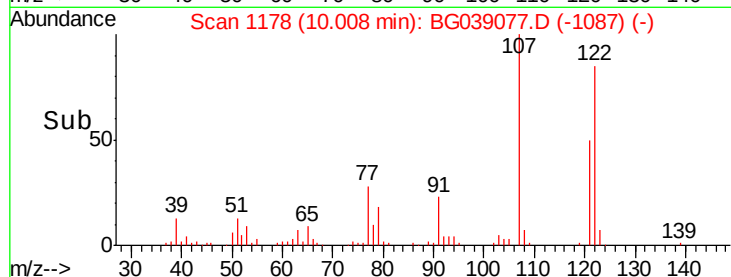
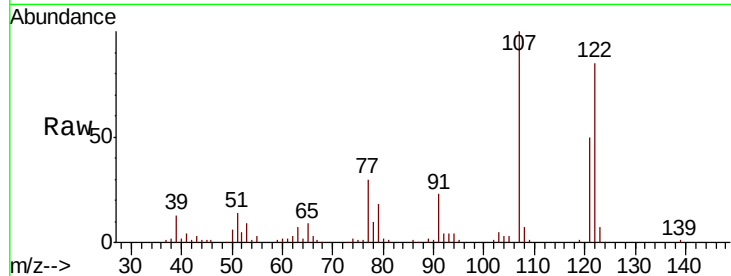
#27
2,4-Dimethylphenol
Concen: 47.092 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	88.8	133.2
121	58.6	43.1	64.7

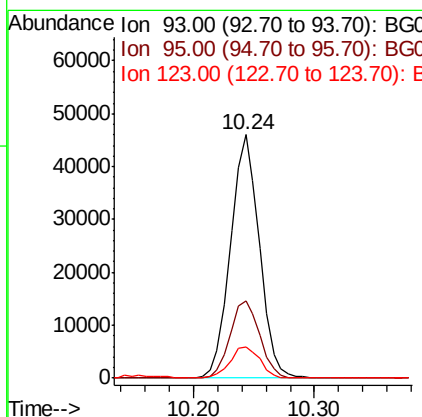
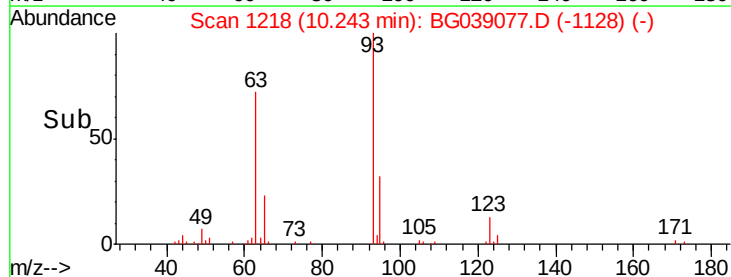
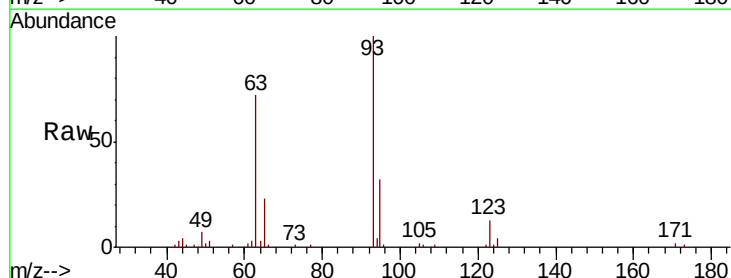
Manual Integrations
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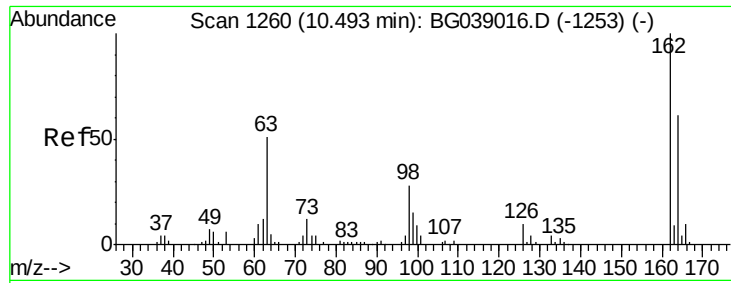
Sohil
1/11/2019 4:44:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.784 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.6	38.4
123	12.6	10.1	15.1





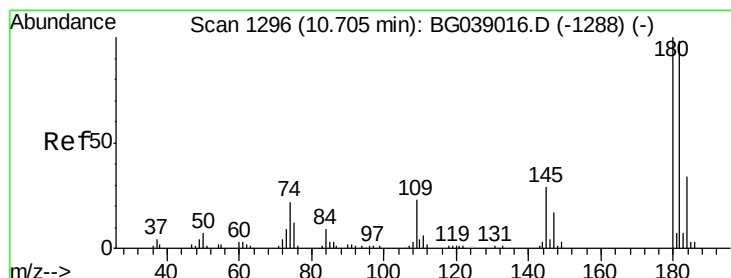
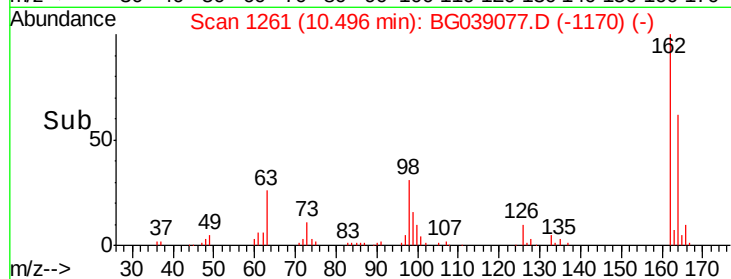
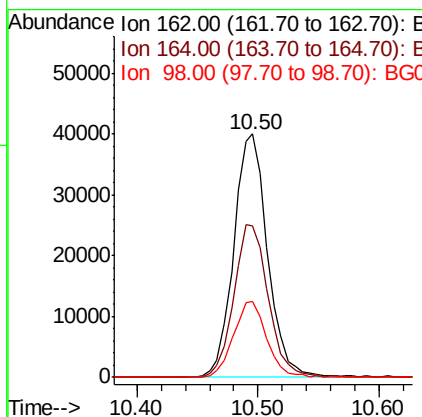
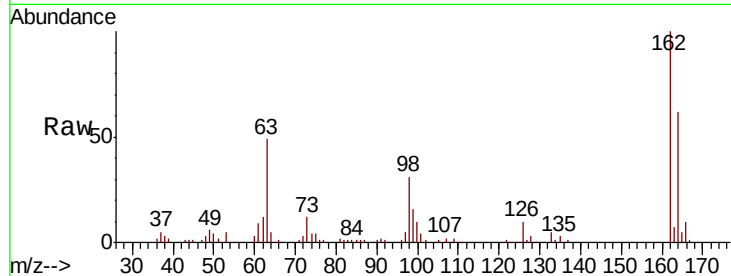
#29
 2,4-Dichlorophenol
 Concen: 44.942 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	77677		
164	62.4	41.3	81.3	
98	31.0	8.3	48.3	

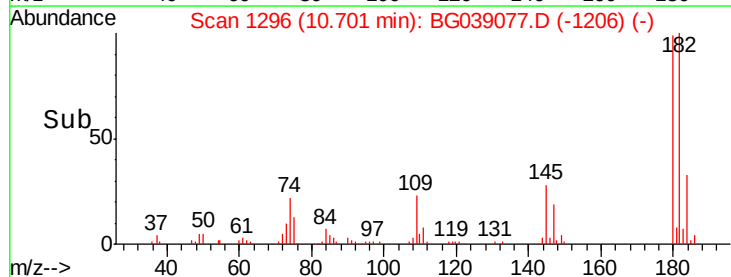
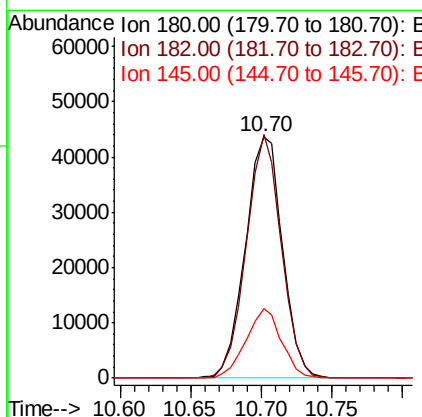
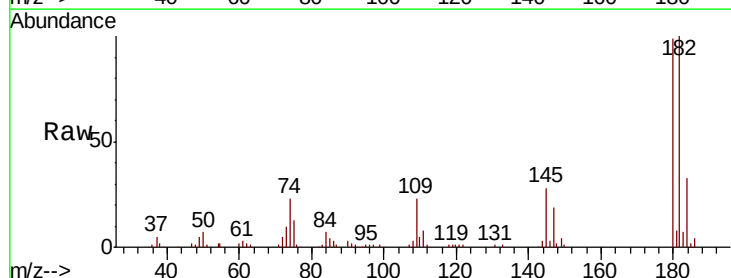
Manual Integrations
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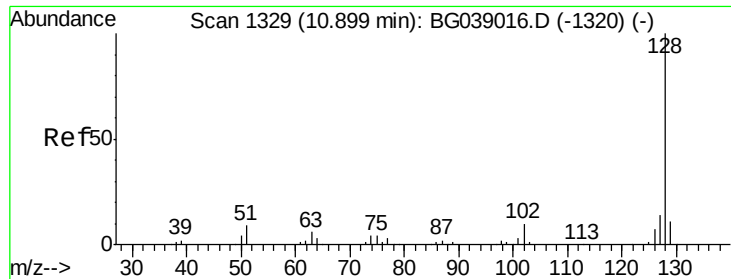
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.648 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80261		
182	100.9	78.1	117.1	
145	28.6	23.1	34.7	





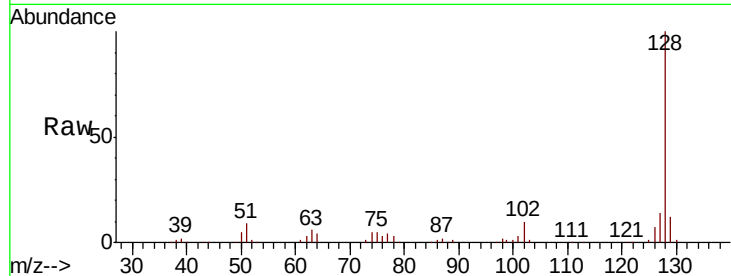
#31
Naphthalene
Concen: 43.098 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.6	11.2	16.8

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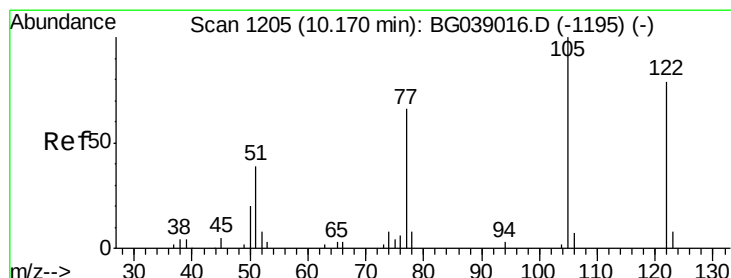
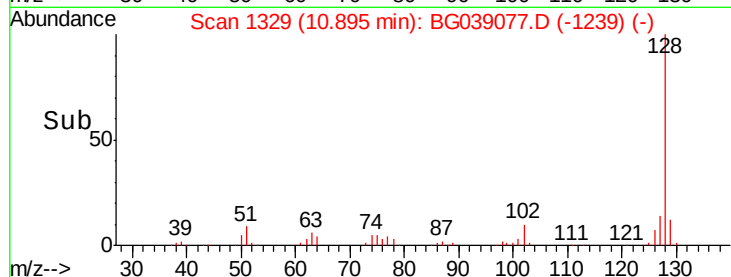
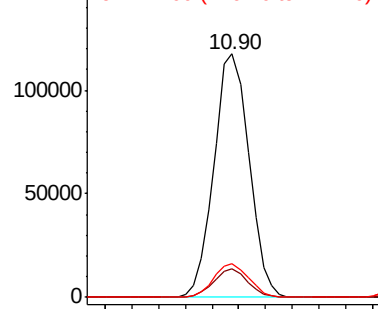


Abundance

Ion 128.00 (127.70 to 128.70): E

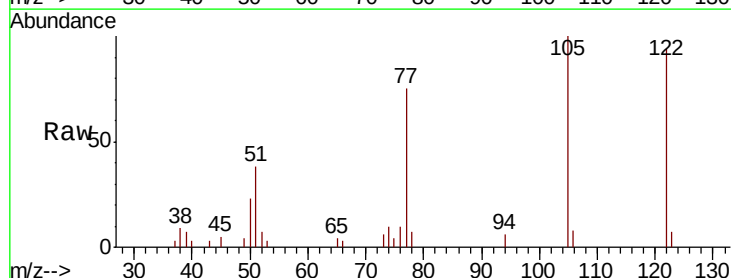
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 25.483 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	105.9	106.4	146.4#
77	79.5	63.6	103.6

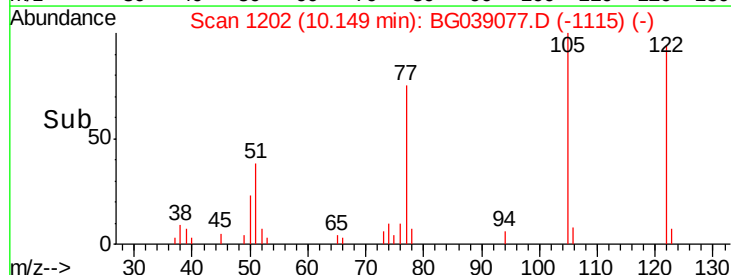
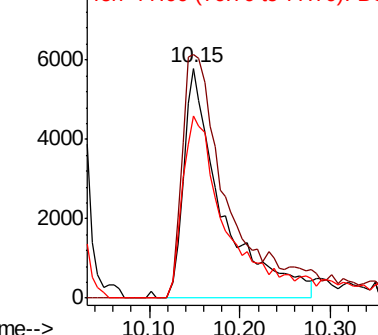


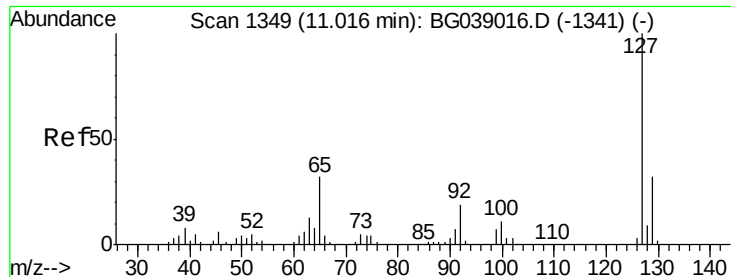
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





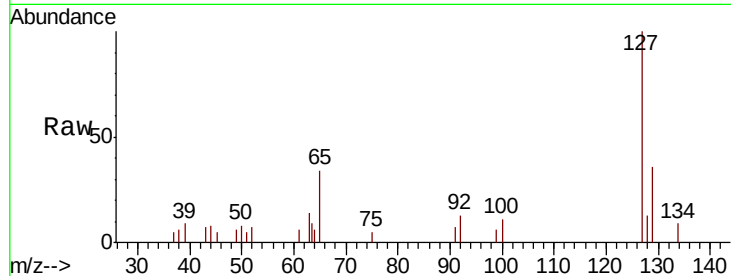
#33
4-Chloroaniline
Concen: 3.159 ng
RT: 11.02 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.7	25.4	38.0
65	34.5	25.4	38.0
92	13.1	15.2	22.8

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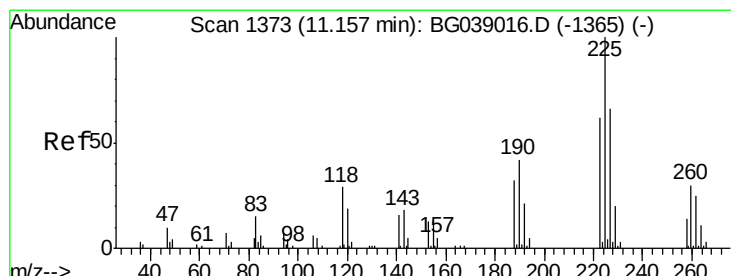
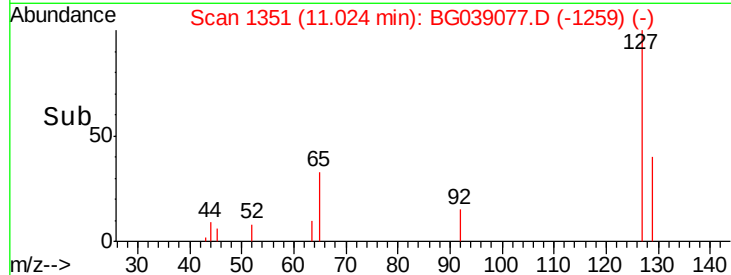
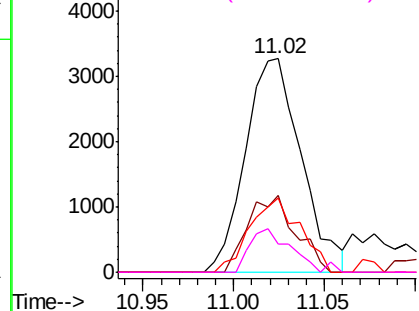
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

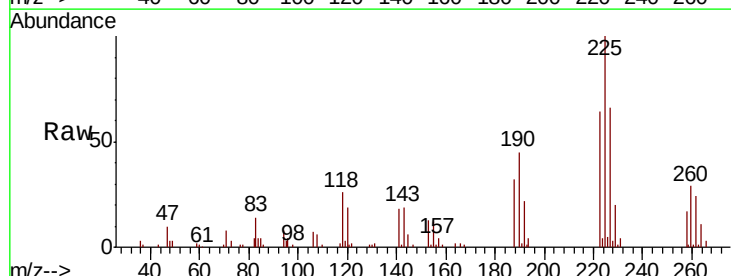
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.234 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.2	75.4
227	65.1	53.2	79.8

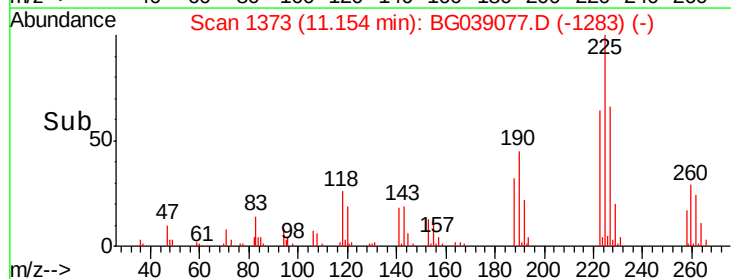
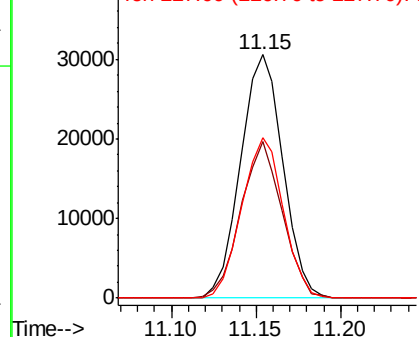


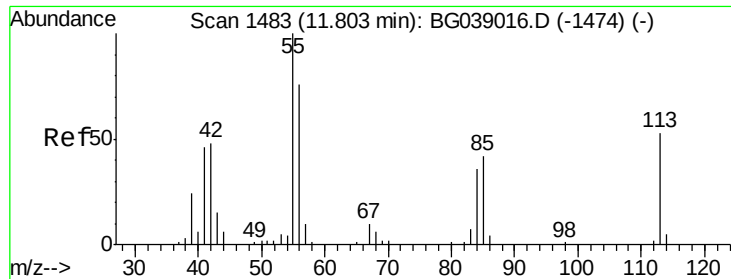
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.936 ng/mL

RT: 11.80 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

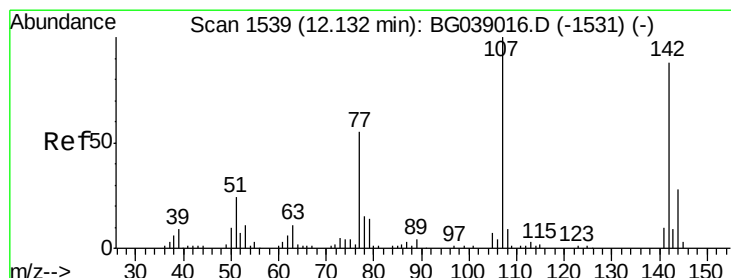
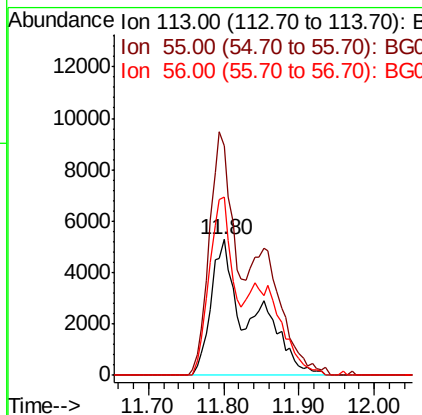
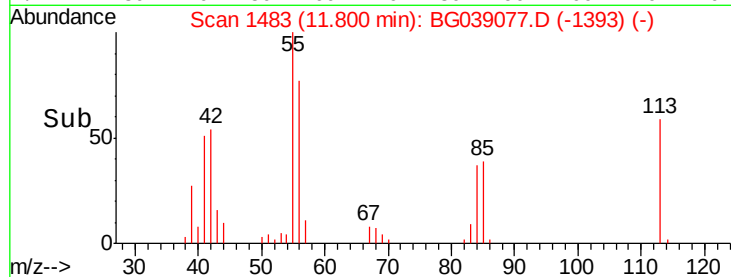
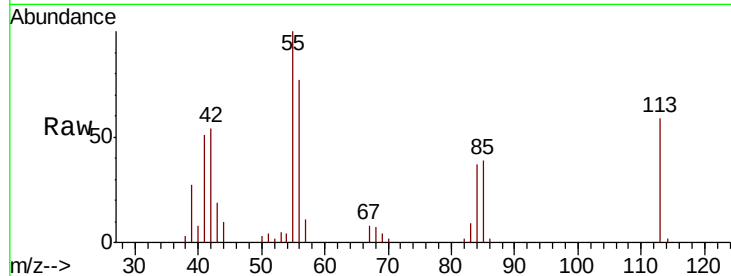
ClientSampleId :

OILY-STONESMS

Tot Ion:	113	Resp:	19362
Ion	Ratio	Lower	Upper
113	100		
55	169.5	168.6	208.6
56	131.2	123.2	163.2

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#36

4-Chloro-3-methylphenol

Concen: 42.328 ng/mL

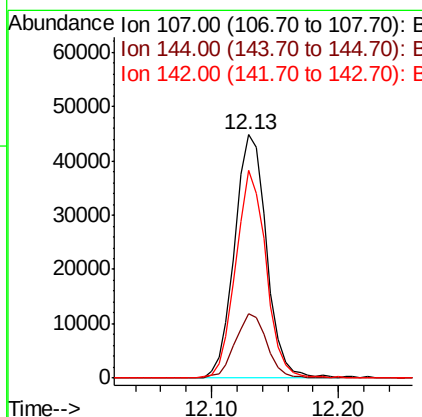
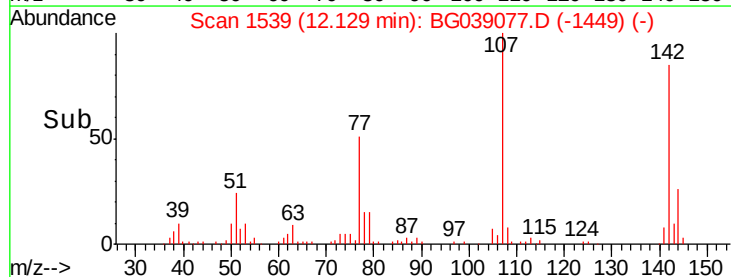
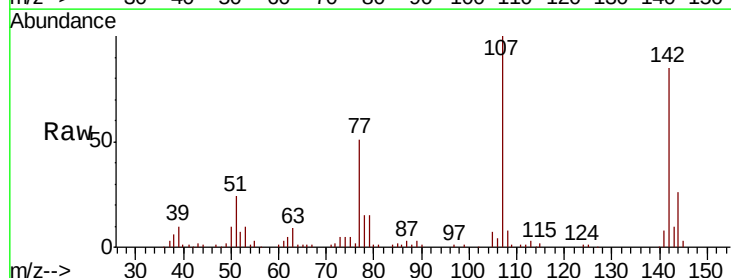
RT: 12.13 min Scan# 1539

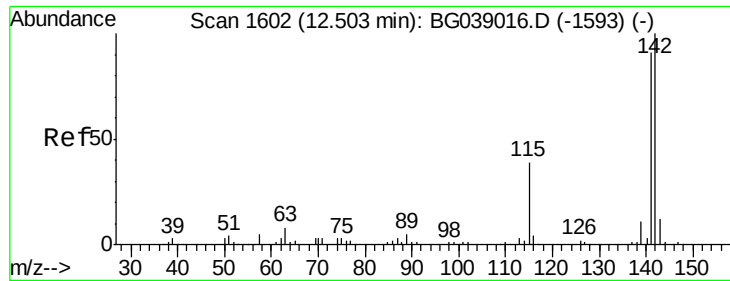
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	107	Resp:	78247
Ion	Ratio	Lower	Upper
107	100		
144	26.2	22.6	34.0
142	85.3	70.2	105.4





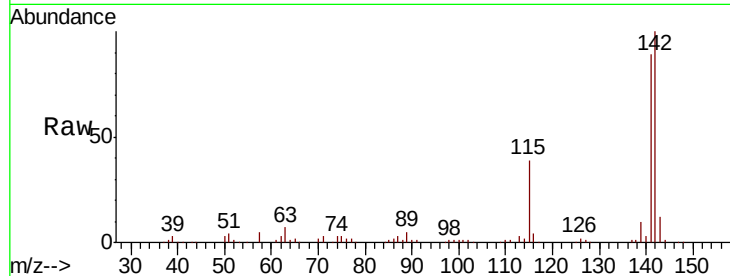
#37
2-Methylnaphthalene
Concen: 43.348 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	109.0
115	39.1	31.1	46.7

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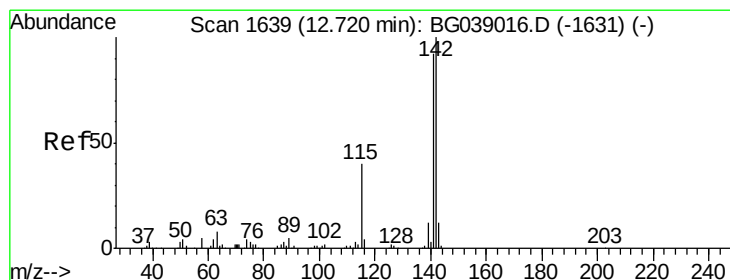
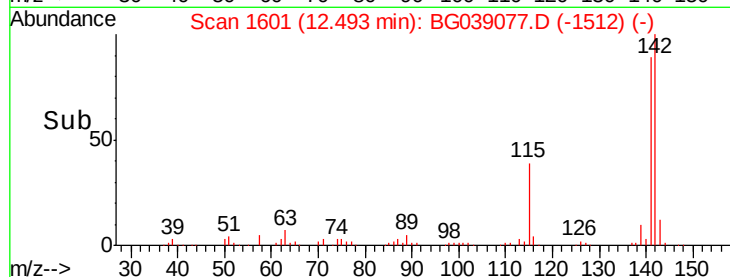
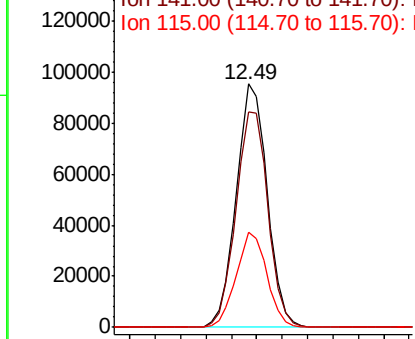


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.111 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

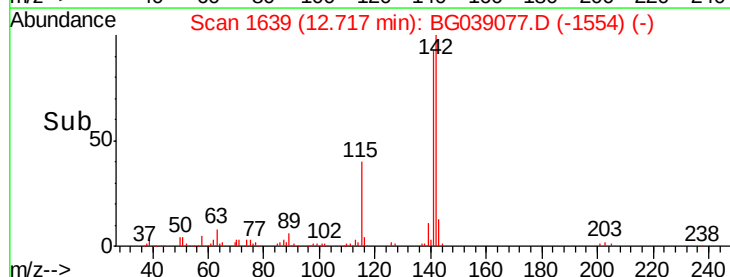
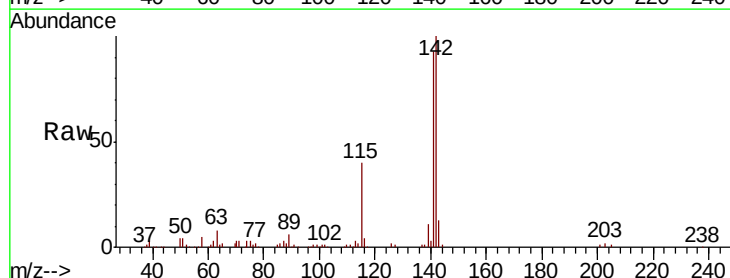
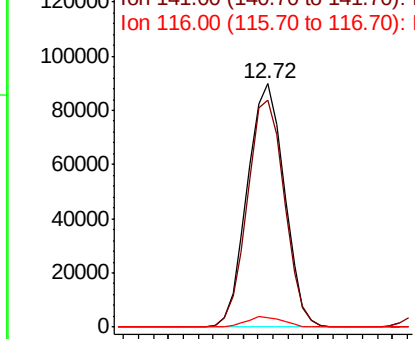
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.3	109.9
116	3.8	3.1	4.7

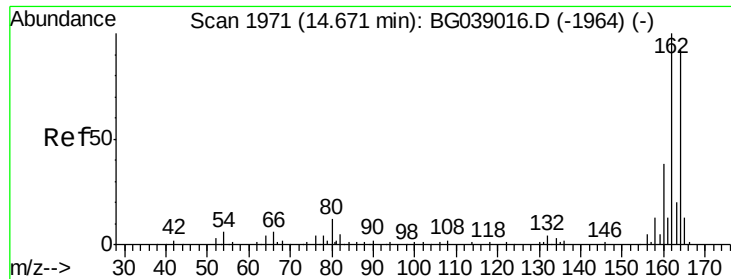
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

OILY-STONESMS

Tot Ion:164 Resp: 69097

Ion Ratio Lower Upper

164 100

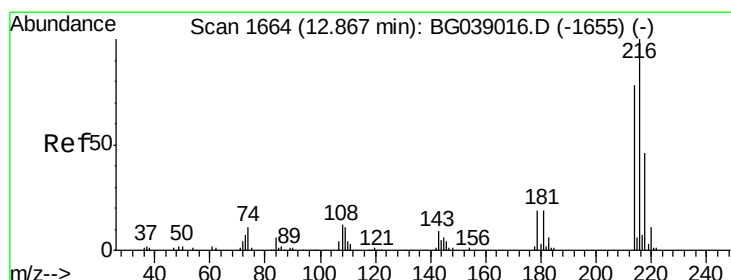
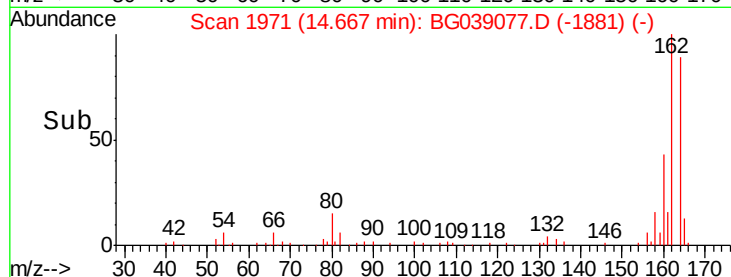
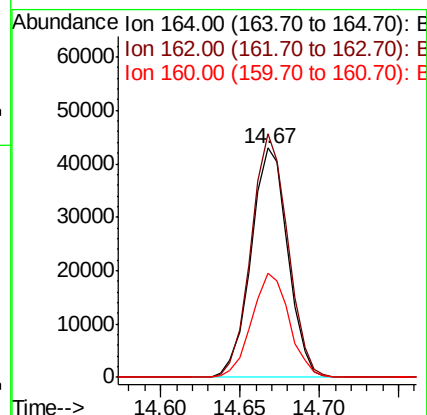
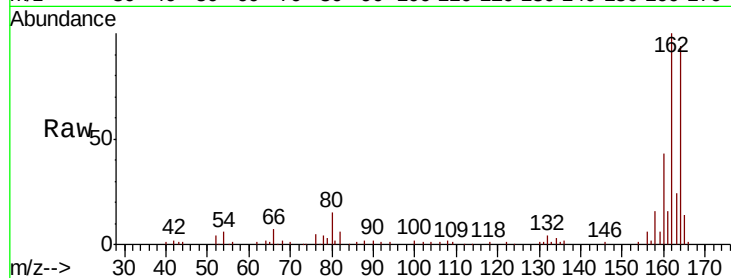
162 106.2 87.2 130.8

160 45.4 33.3 49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.021 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:216 Resp: 103855

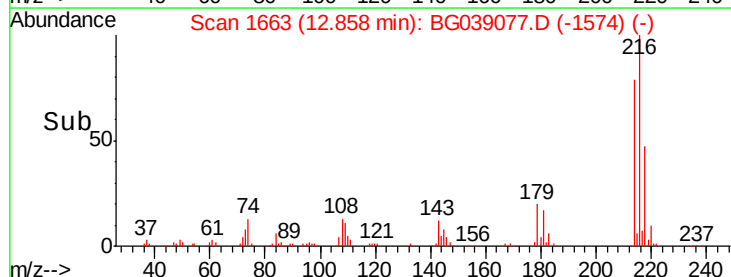
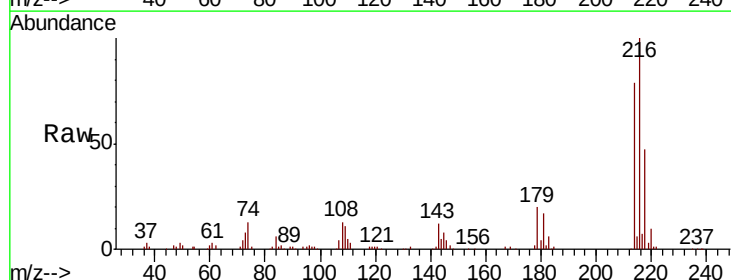
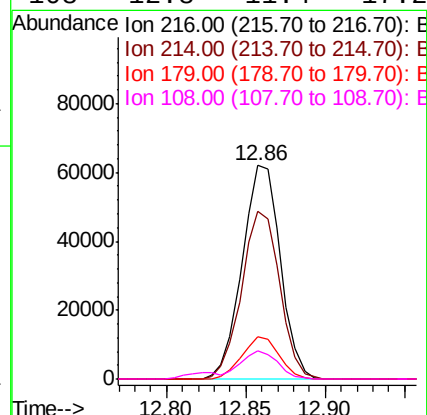
Ion Ratio Lower Upper

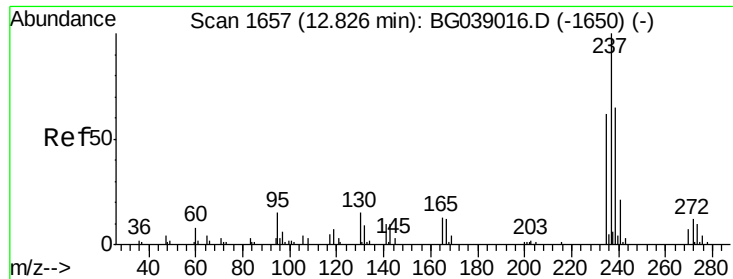
216 100

214 78.2 63.4 95.2

179 19.0 15.5 23.3

108 12.8 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 74.703 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

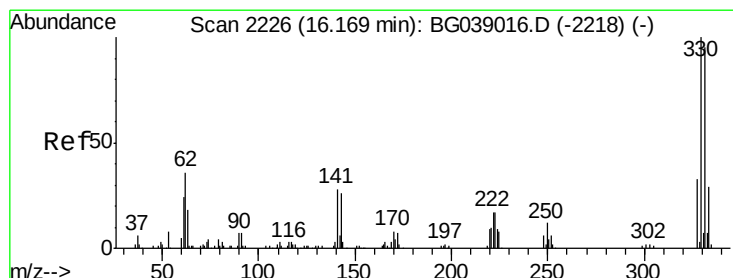
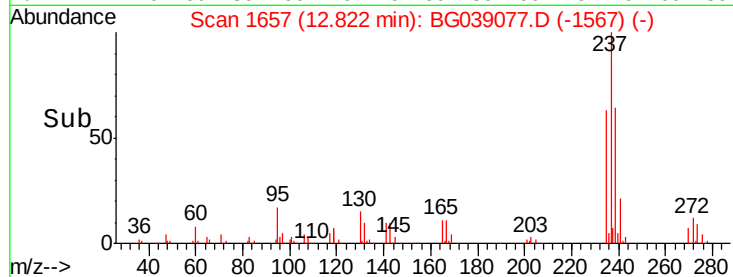
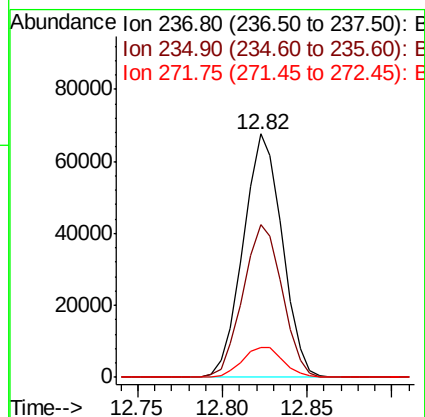
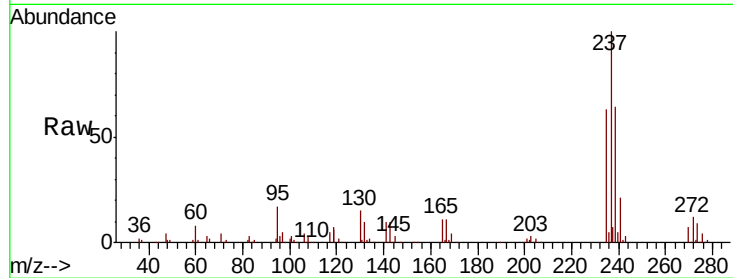
ClientSampleId :

OILY-STONESMS

Tot Ion:	237	Resp:	108582
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.7	81.7
272	12.5	0.0	32.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 129.002 ng

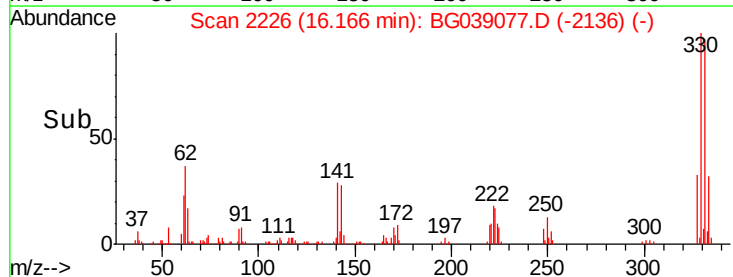
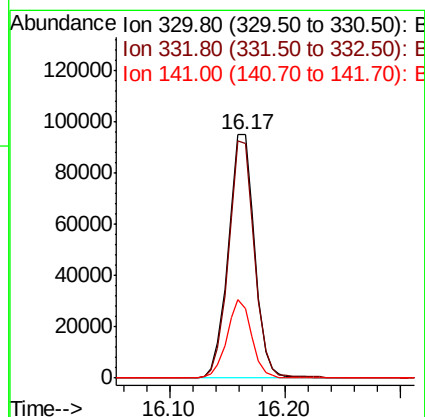
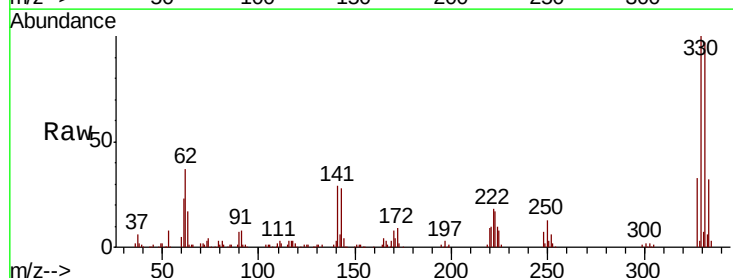
RT: 16.17 min Scan# 2226

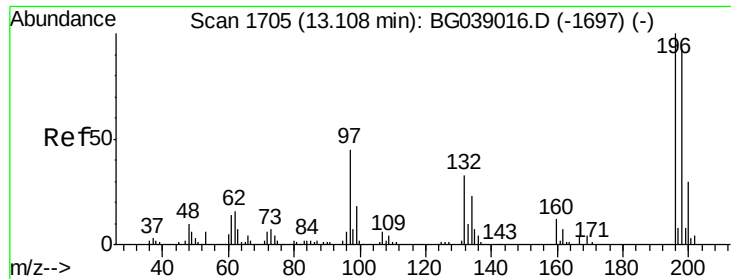
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	330	Resp:	149417
Ion Ratio	Lower	Upper	
330	100		
332	96.0	75.7	113.5
141	30.2	24.9	37.3





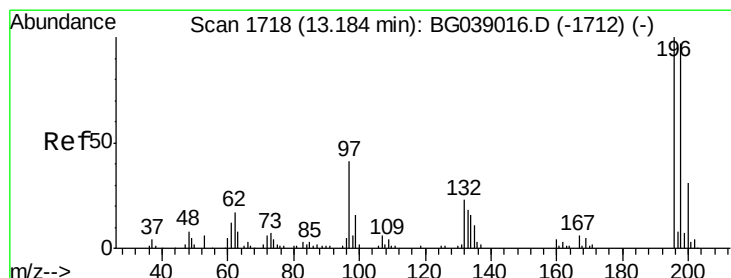
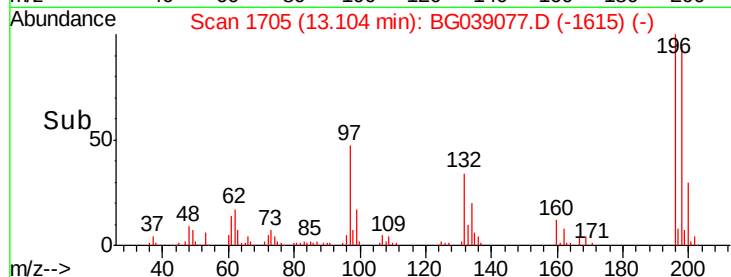
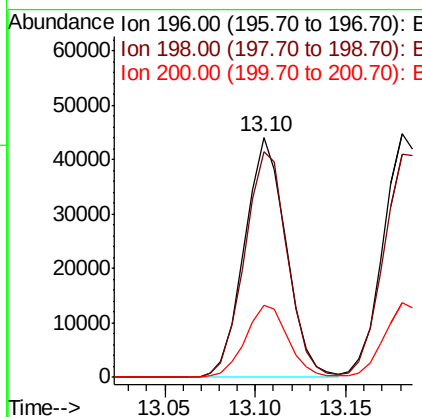
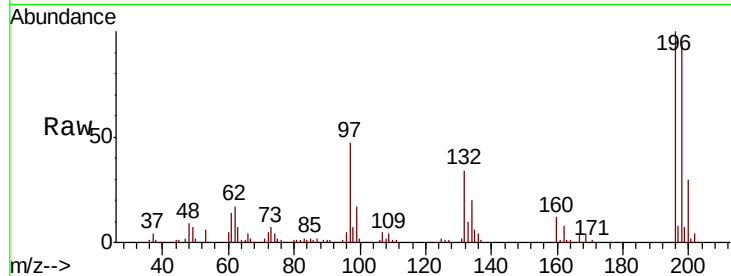
#43
 2,4,6-Trichlorophenol
 Concen: 43.279 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	70684		
198	93.8	74.5	111.7	
200	30.2	23.8	35.6	

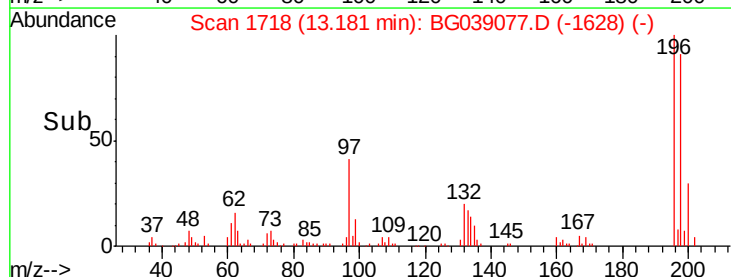
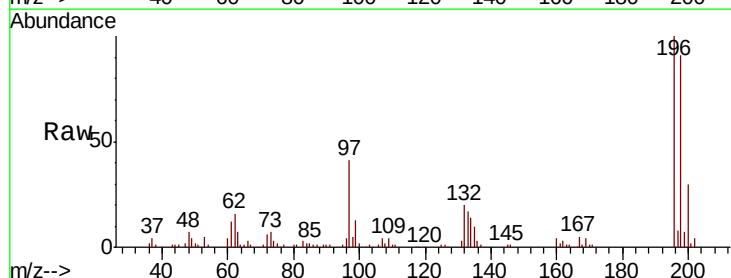
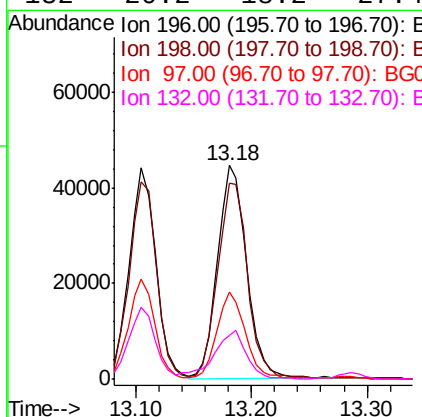
Manual Integrations
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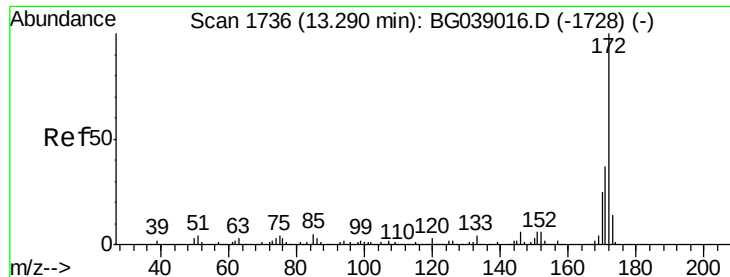
Sohil
 1/11/2019 4:44:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.364 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	78306		
198	91.5	78.1	117.1	
97	40.8	33.2	49.8	
132	20.2	18.2	27.4	





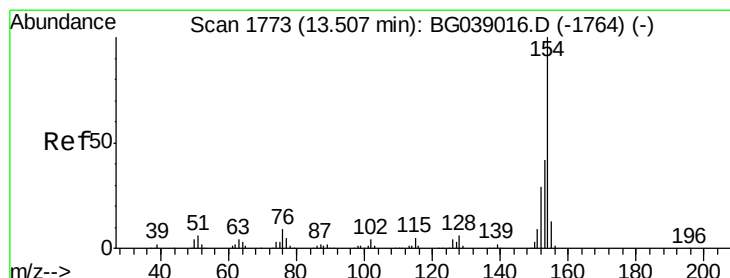
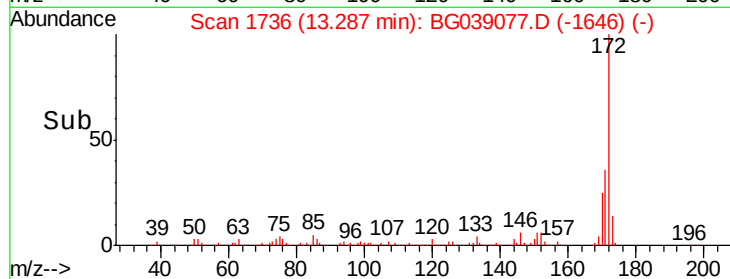
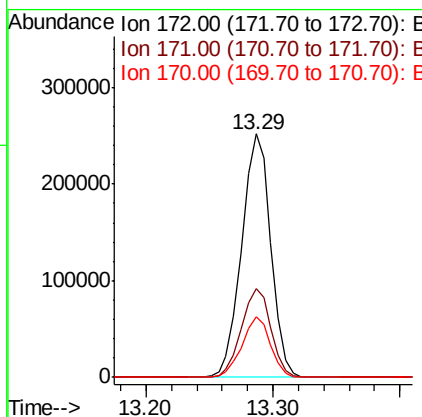
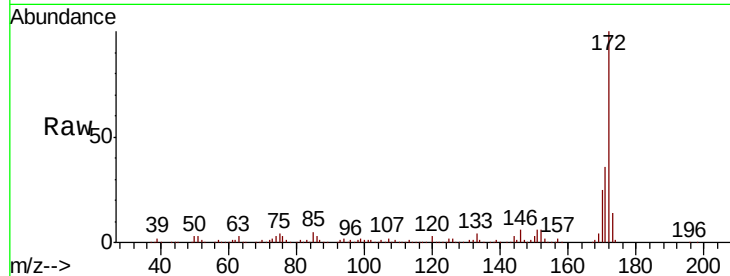
#45
2-Fluorobiphenyl
Concen: 79.182 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.9	20.1	30.1

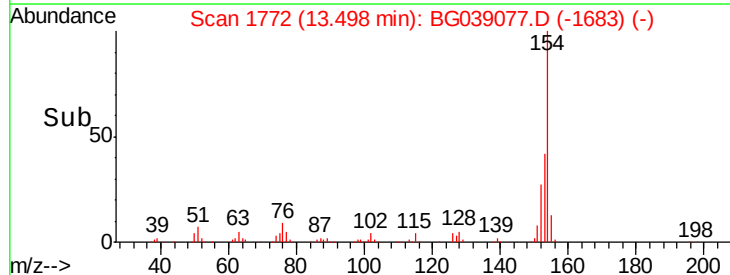
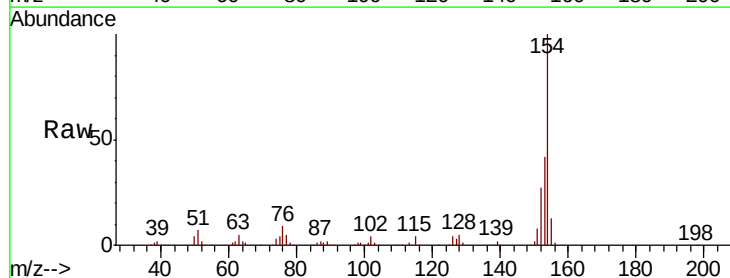
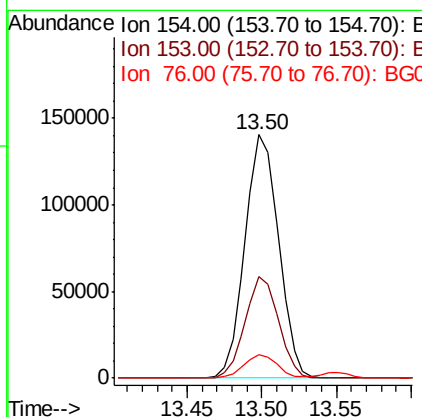
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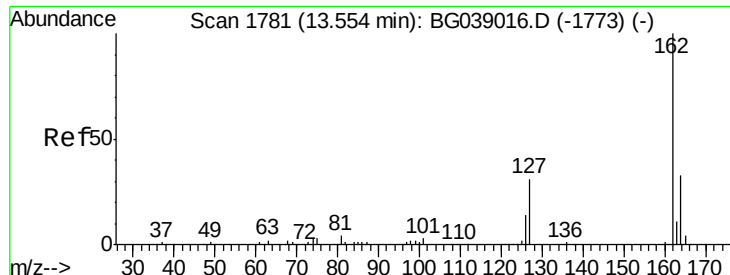
Sohil
1/11/2019 4:44:37 PM



#46
1,1'-Biphenyl
Concen: 39.962 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.4	62.4
76	9.4	0.0	29.4





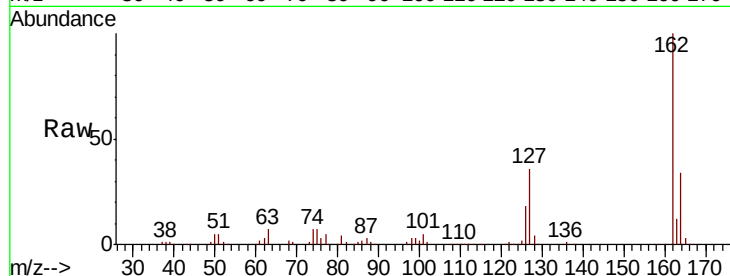
#47
2-Chloronaphthalene
Concen: 39.354 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	28.4	42.6
164	33.5	26.3	39.5

Manual Integrations
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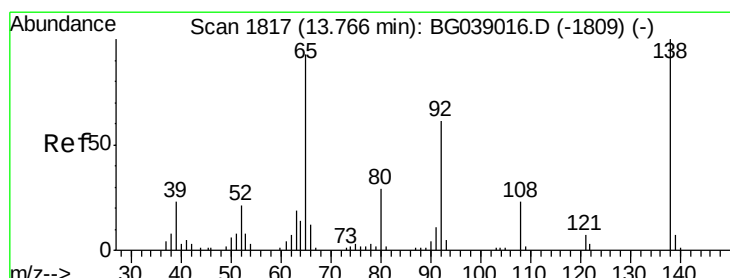
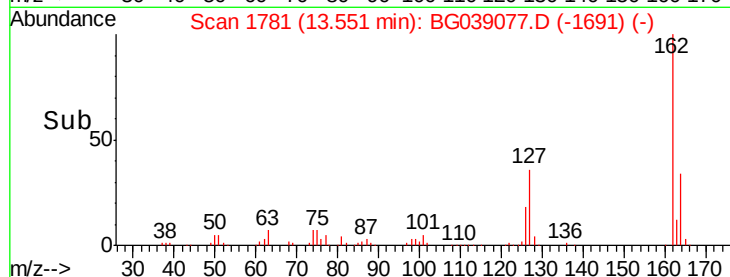
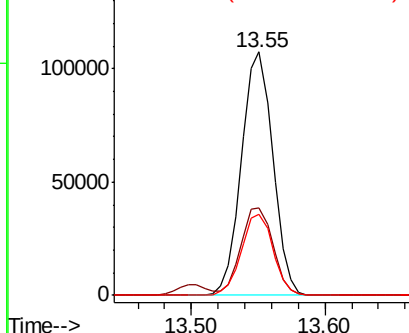


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.692 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

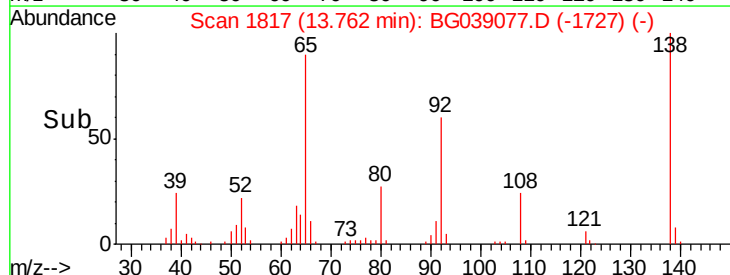
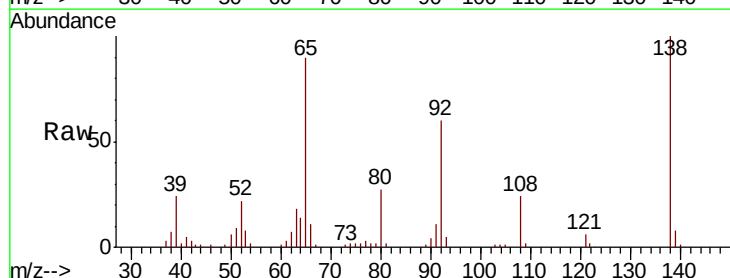
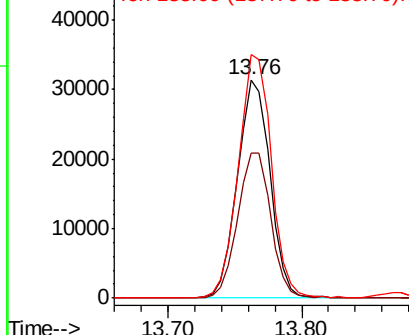
Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.2	78.4
138	111.5	86.0	129.0

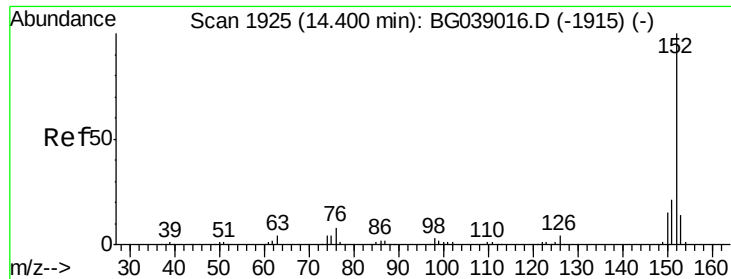
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.411 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

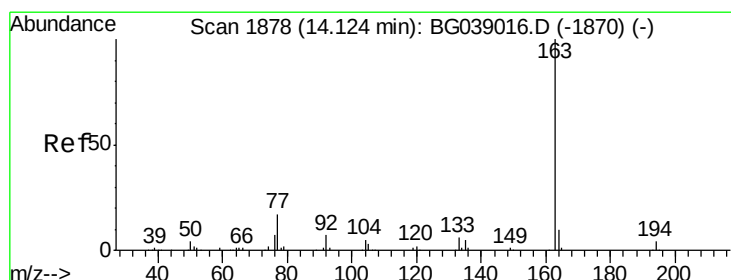
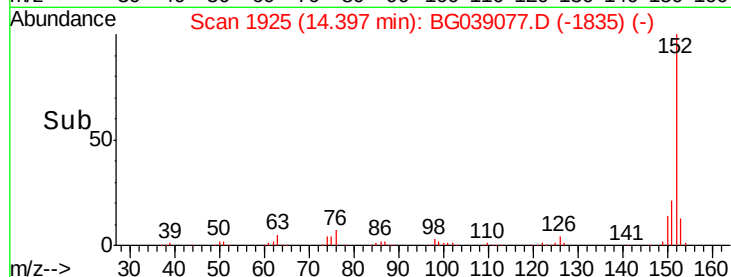
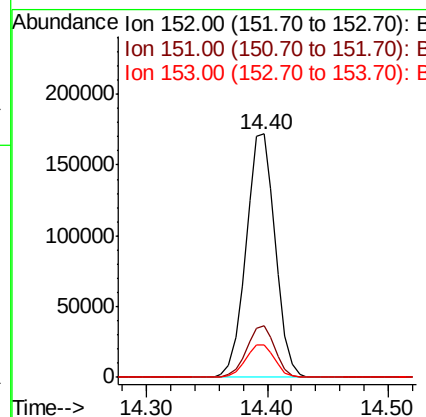
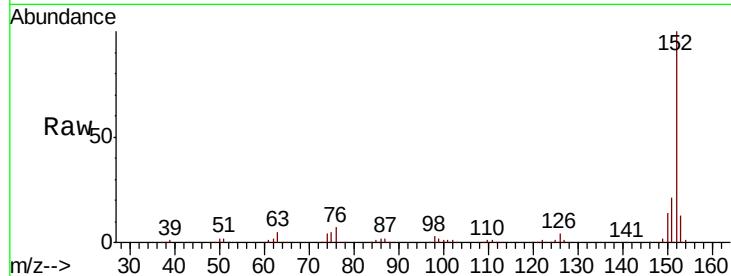
ClientSampleId :

OILY-STONESMS

Tot Ion:	152	Resp:	289093
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.0	25.4
153	13.5	11.2	16.8

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#50

Dimethylphthalate

Concen: 40.589 ng

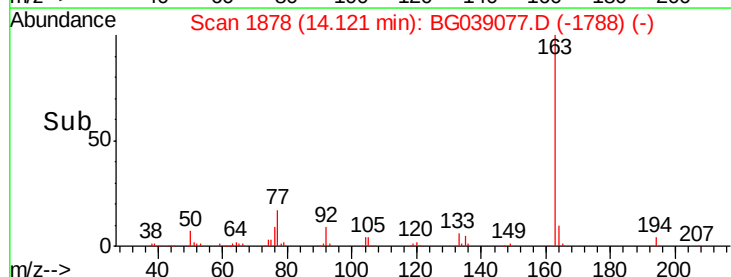
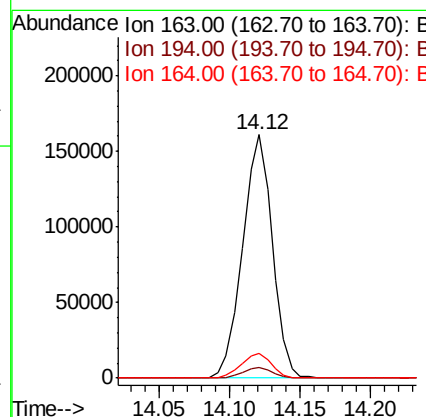
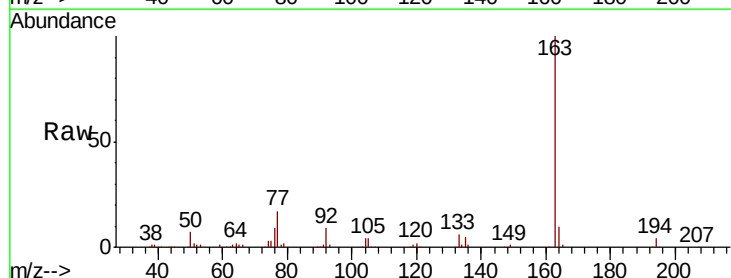
RT: 14.12 min Scan# 1878

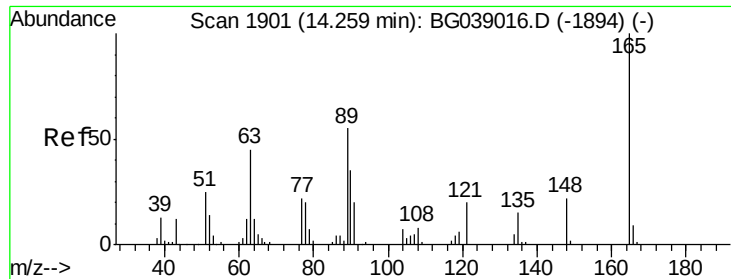
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	163	Resp:	237001
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.1	8.2	12.2





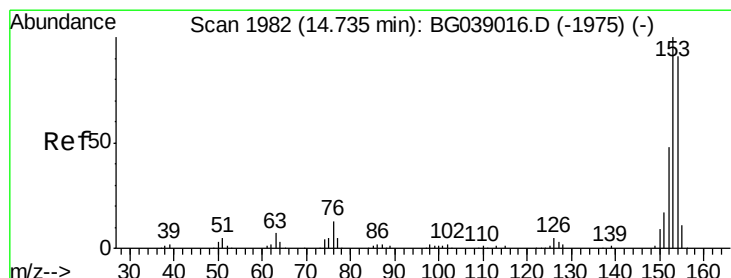
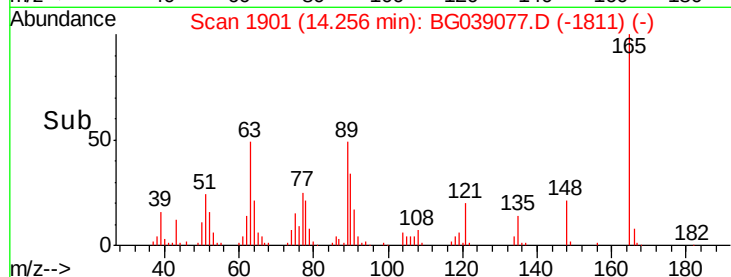
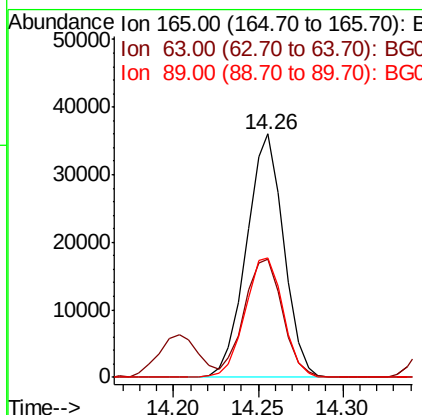
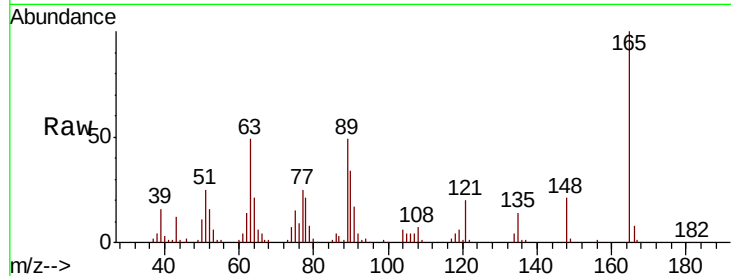
#51
2,6-Dinitrotoluene
Concen: 42.133 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	55003		
63	48.8		43.6	65.4
89	49.3		43.7	65.5

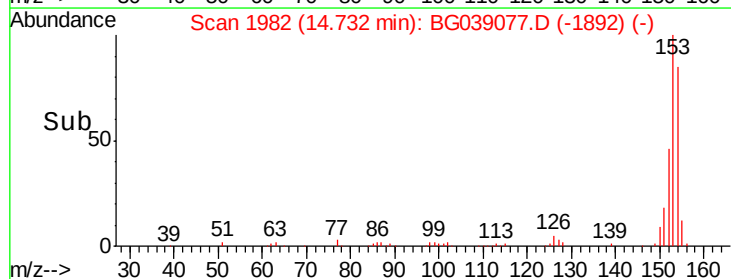
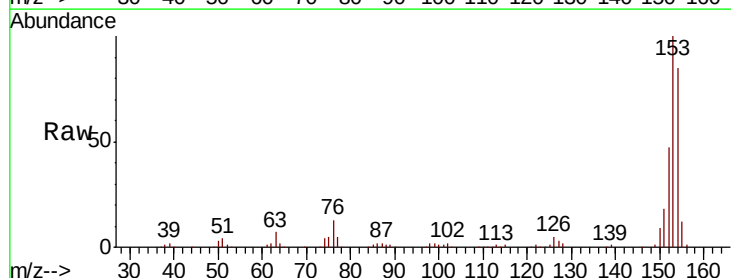
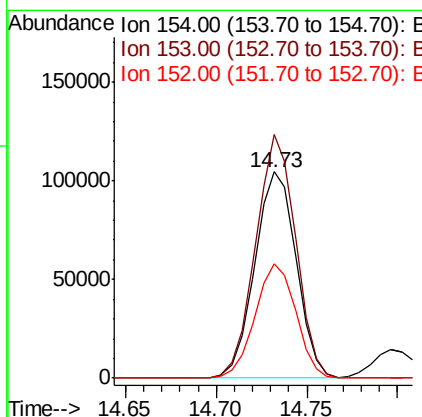
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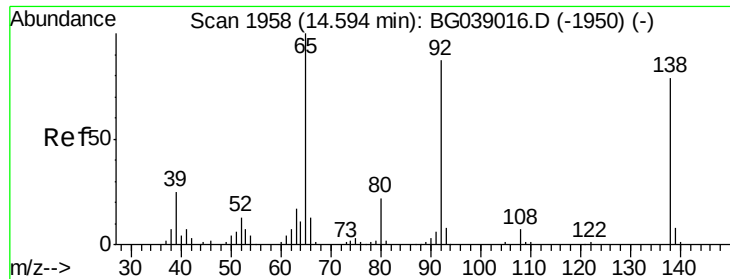
Sohil
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#52
Acenaphthene
Concen: 41.442 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	165815		
153	118.2		87.9	131.9
152	55.3		42.2	63.2





#53

3-Nitroaniline

Concen: 7.020 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

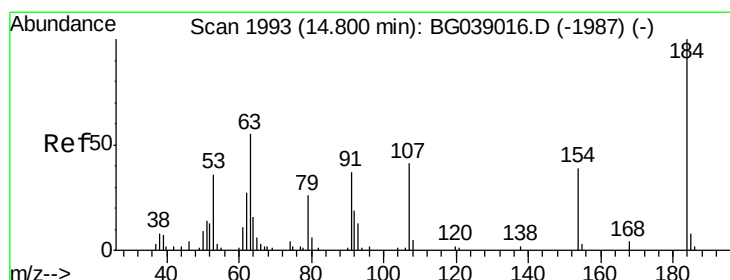
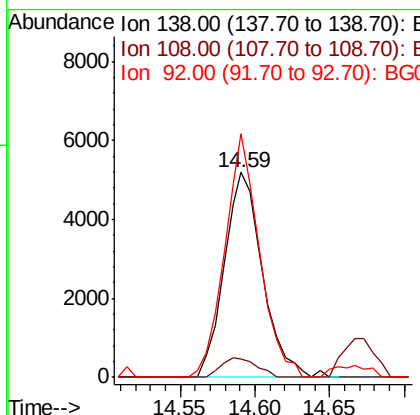
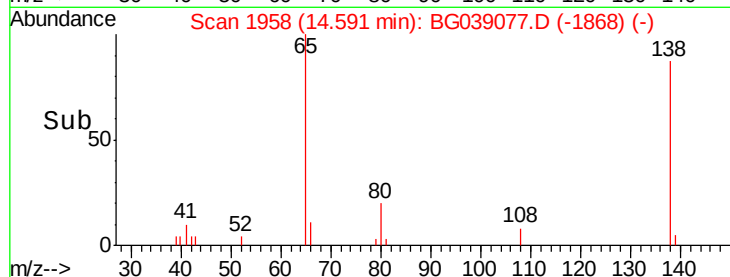
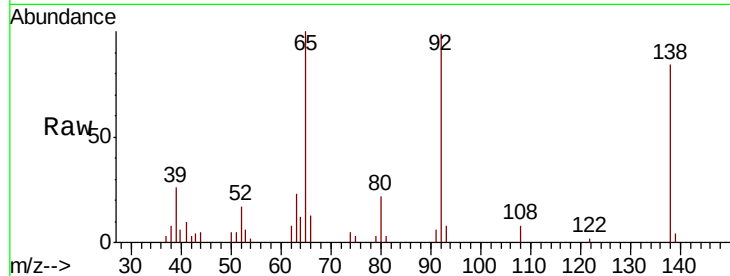
ClientSampleId :

OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.4	11.0
92	119.0	88.2	132.4

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#54

2,4-Dinitrophenol

Concen: 53.653 ng

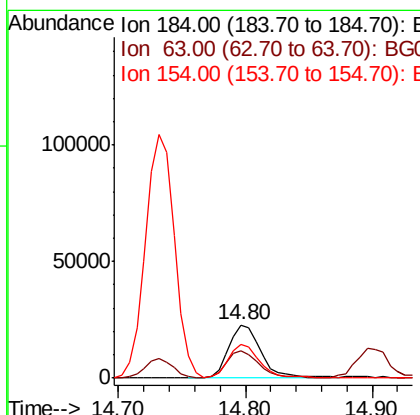
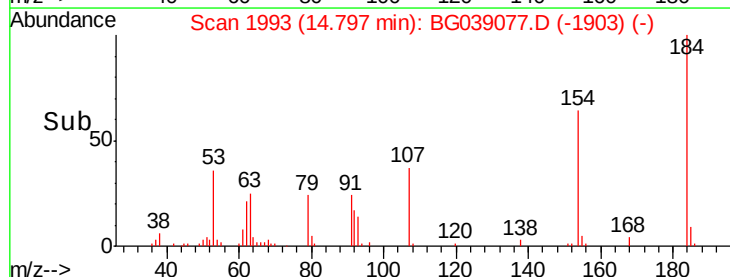
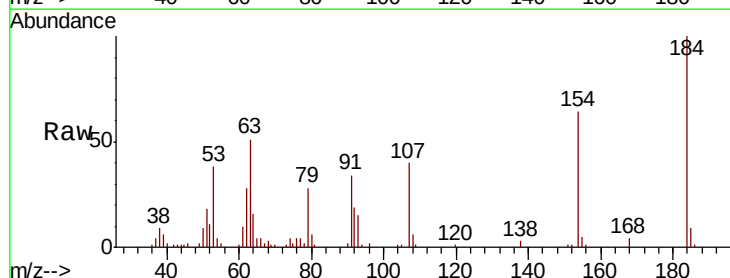
RT: 14.80 min Scan# 1993

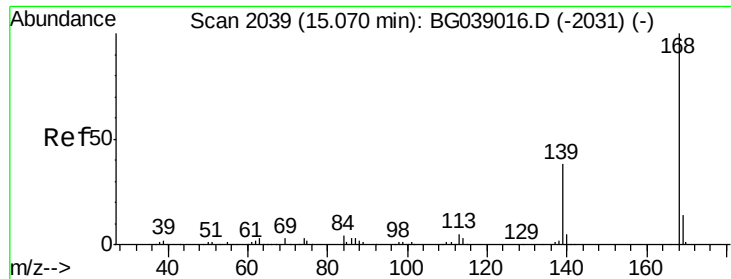
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.8	44.0	66.0
154	63.9	46.1	69.1





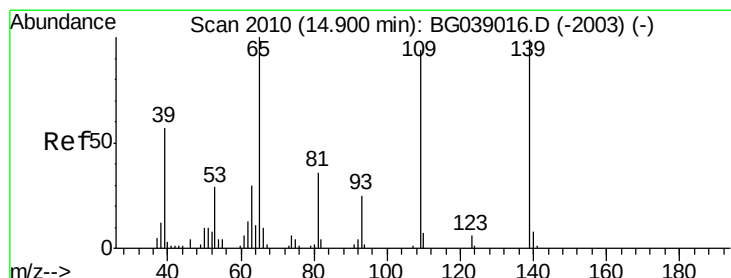
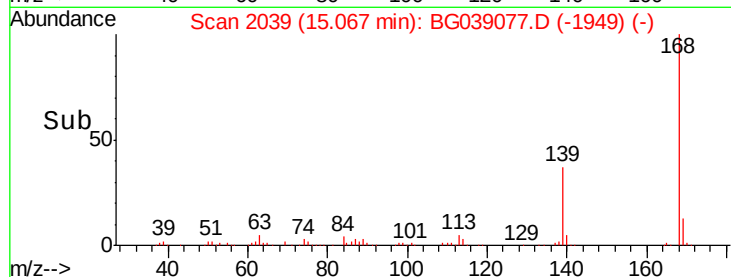
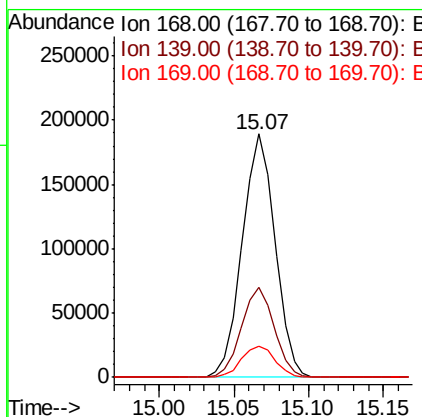
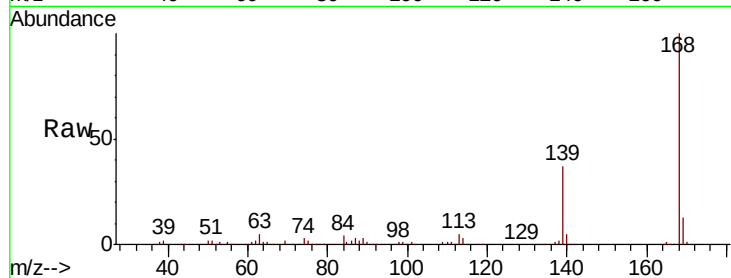
#55
Dibenzenofuran
Concen: 40.684 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	12.8	10.9	16.3

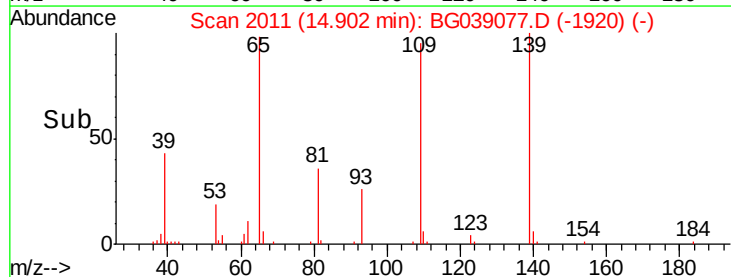
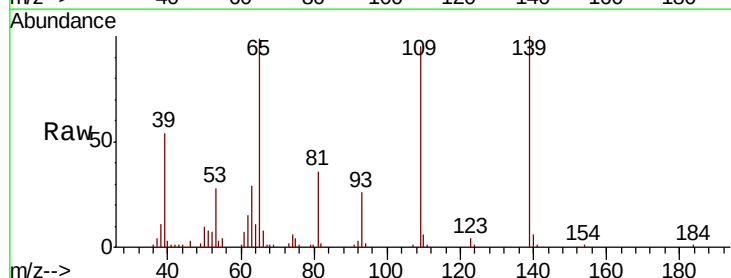
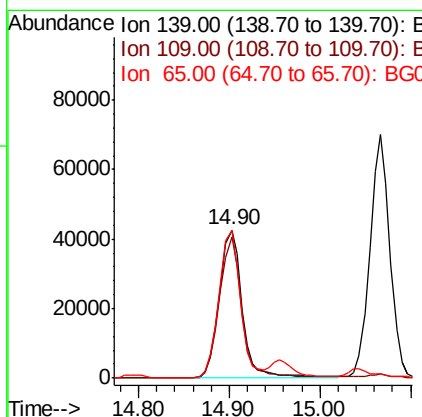
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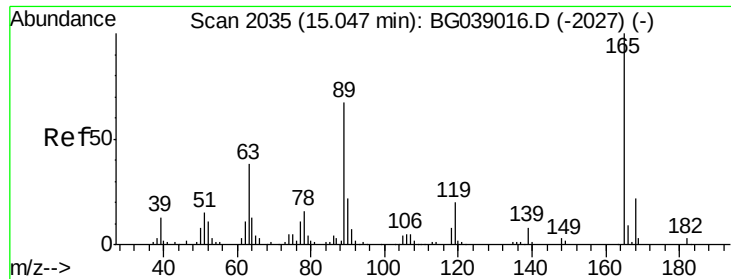
Sohil
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#56
4-Nitrophenol
Concen: 78.766 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.4	75.6	115.6
65	99.2	81.2	121.2





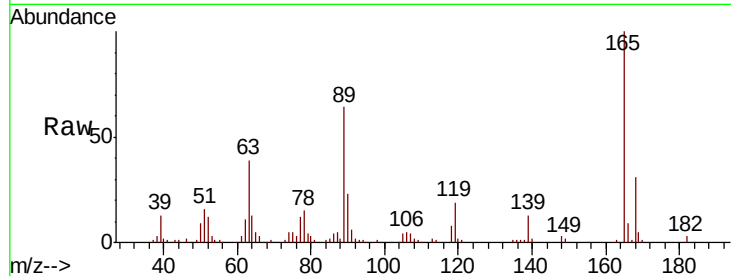
#57
 2,4-Dinitrotoluene
 Concen: 41.011 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMS

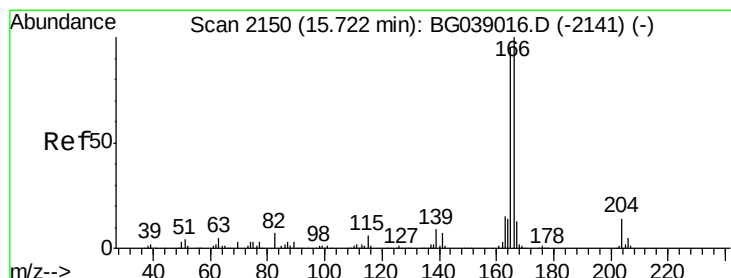
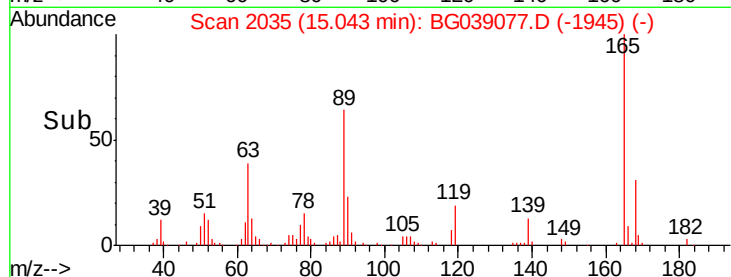
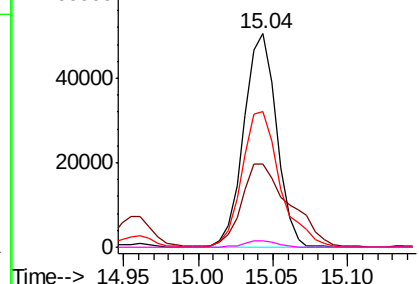
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.9	30.2	45.4	
89	63.7	53.2	79.8	
182	3.1	2.7	4.1	

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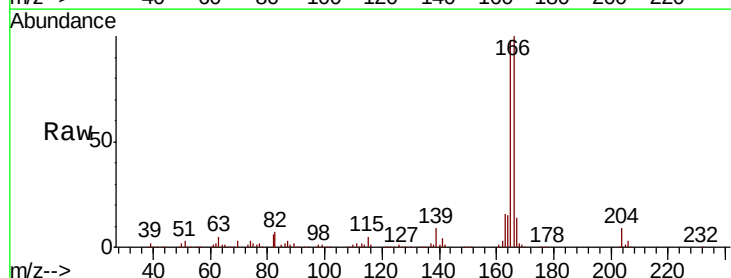


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

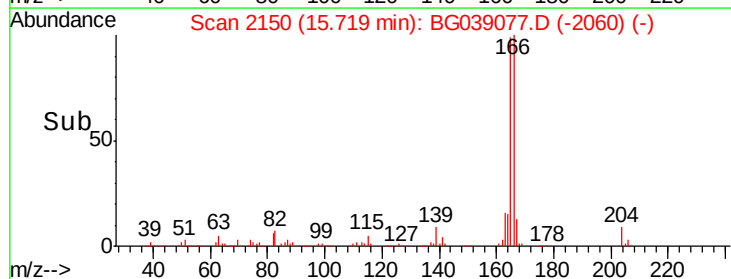
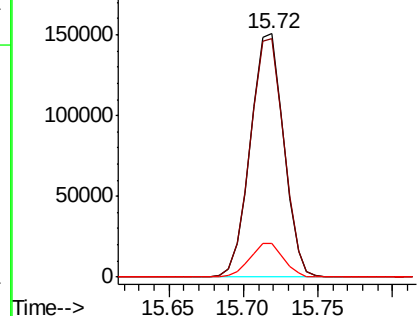


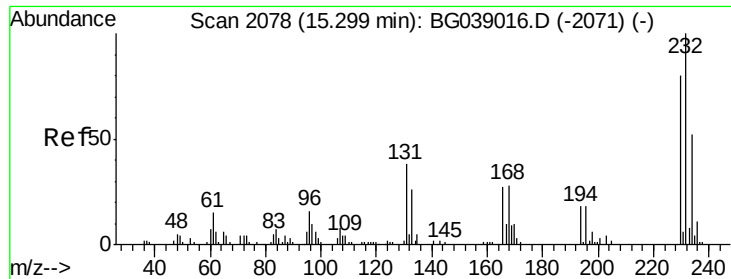
#58
 Fluorene
 Concen: 43.428 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.1	76.2	114.2	
167	13.8	10.6	16.0	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





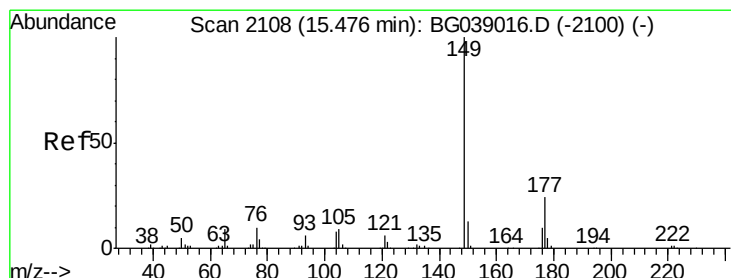
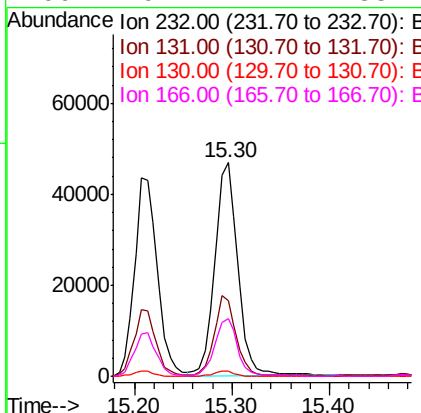
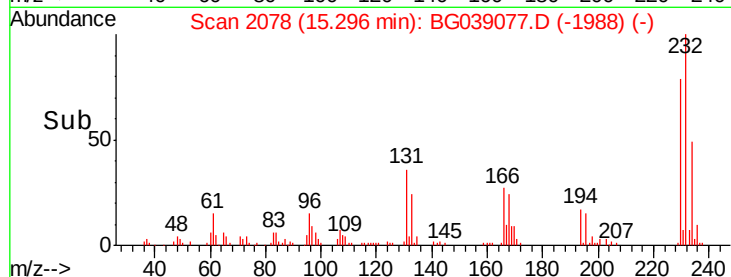
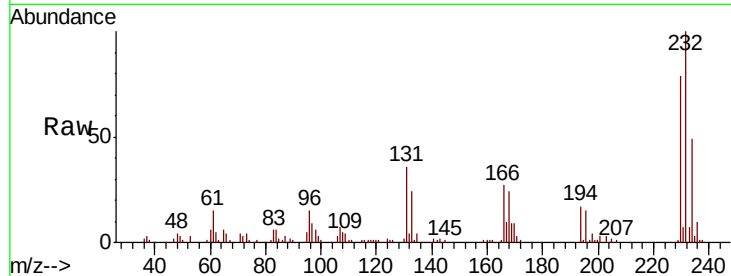
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.889 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	35.1	30.9	46.3	
130	2.2	1.9	2.9	
166	26.7	22.1	33.1	

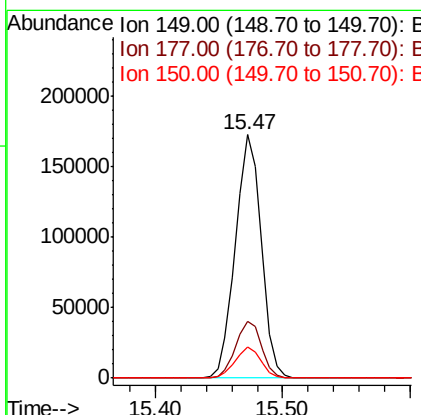
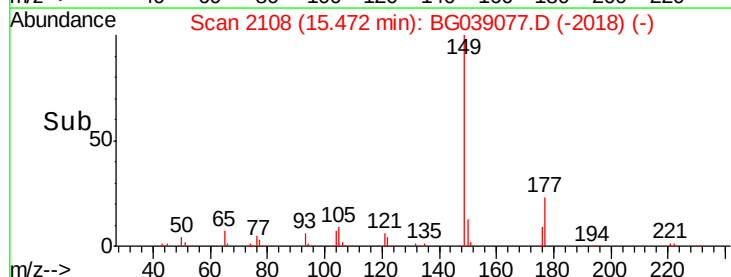
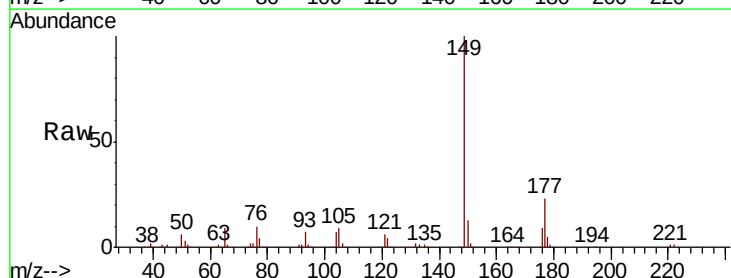
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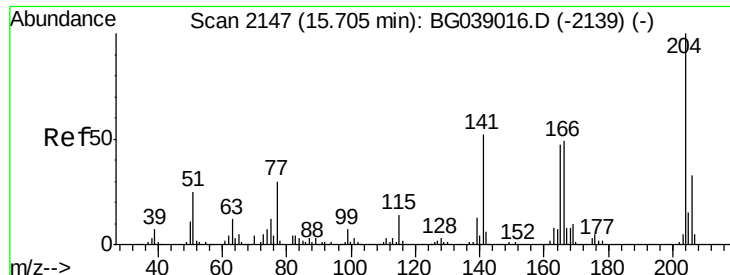
Sohil
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#60
Diethylphthalate
Concen: 40.214 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.2	19.0	28.6	
150	12.5	10.2	15.4	





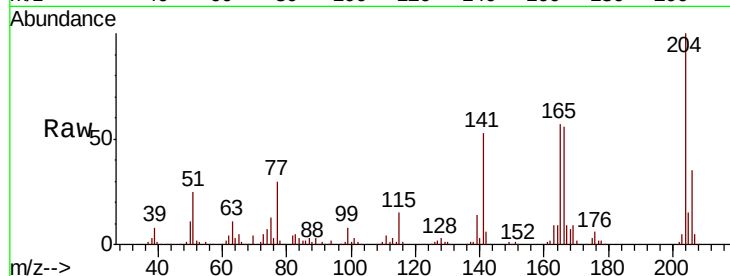
#61
4-Chlorophenyl-phenylether
Concen: 39.138 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	26.6	39.8
141	52.8	41.4	62.0

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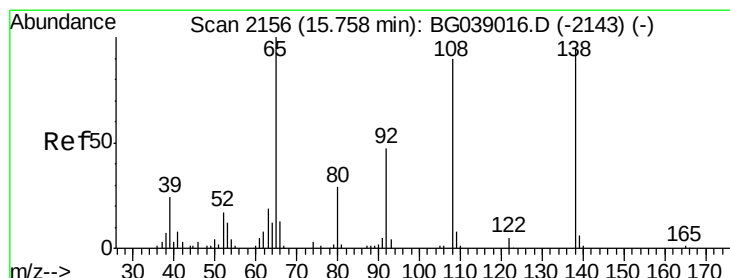
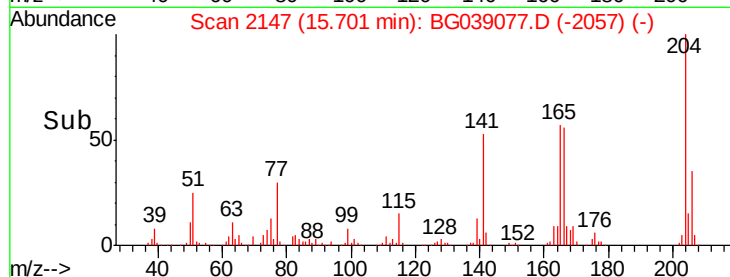
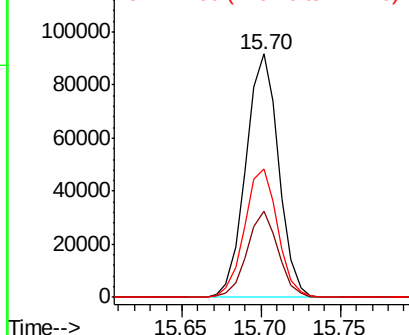


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.850 ng
RT: 15.75 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

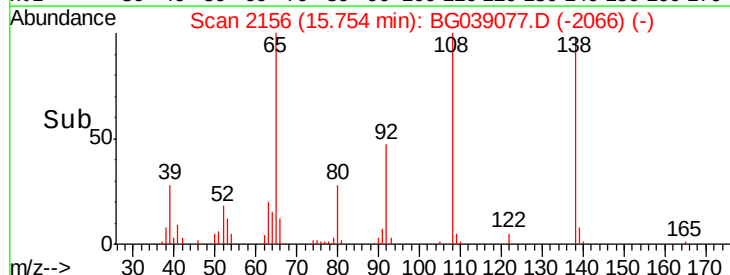
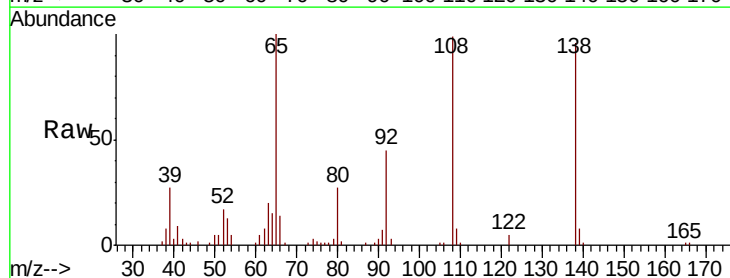
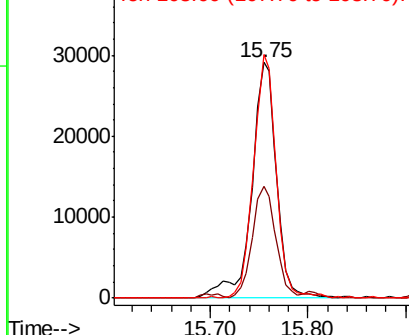
Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	29.7	69.7
108	103.4	75.7	115.7

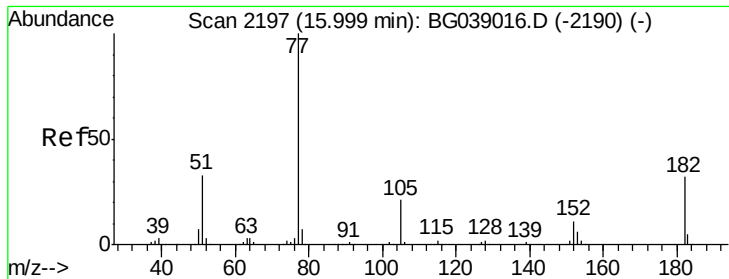
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.647 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

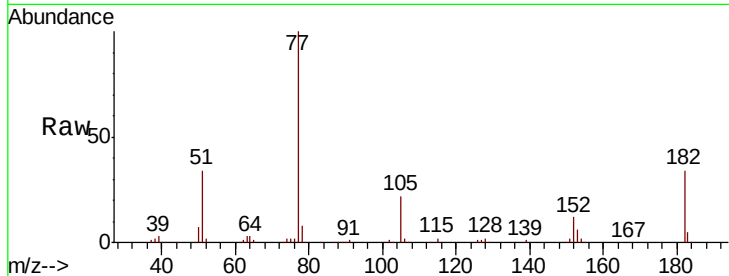
ClientSampleId :

OILY-STONESMS

Tot Ion:	77	Resp:	186524
Ion Ratio	Lower	Upper	
77	100		
182	34.0	12.2	52.2
105	21.8	1.2	41.2
51	34.4	13.4	53.4

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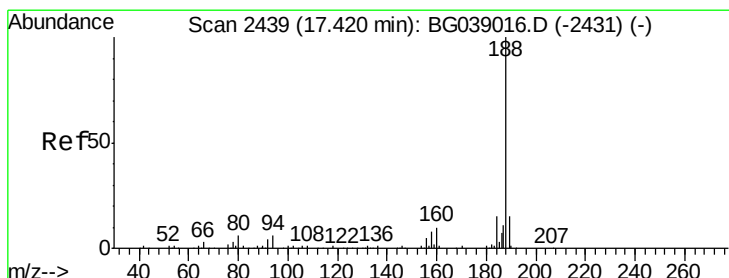
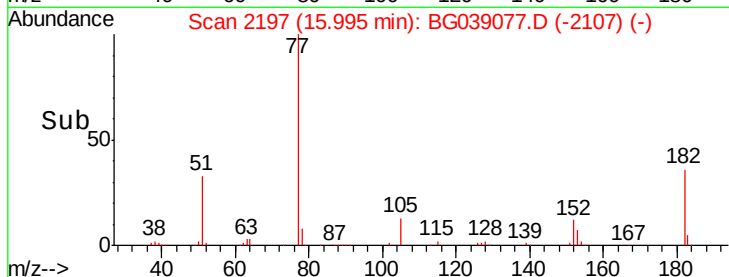
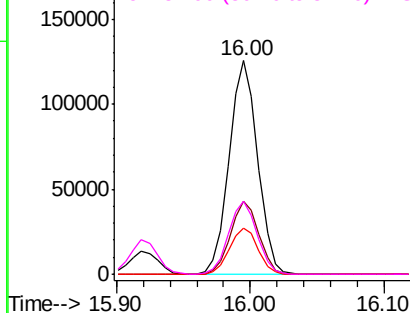
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

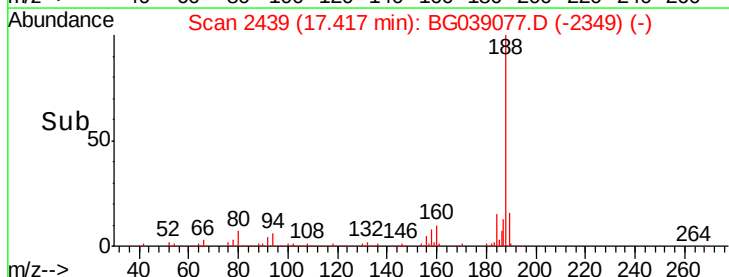
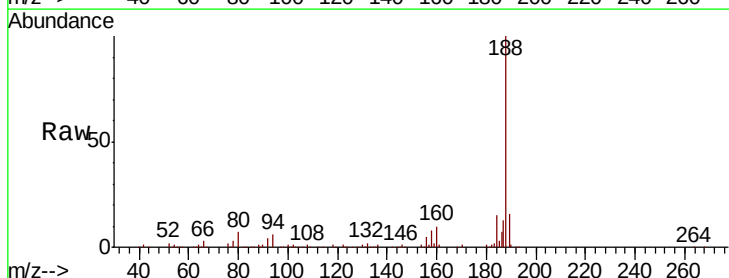
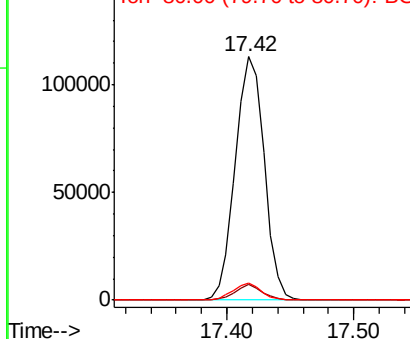
Tgt Ion:	188	Resp:	178582
Ion Ratio	Lower	Upper	
188	100		
94	6.4	5.0	7.4
80	7.1	4.7	7.1#

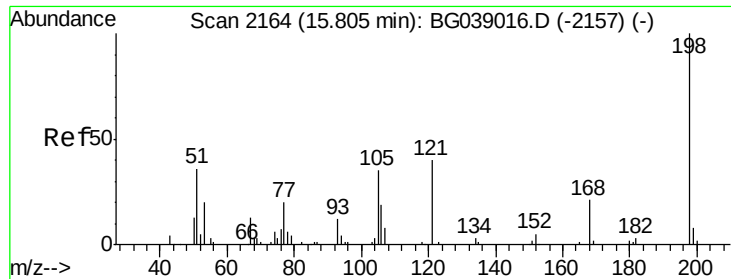
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 30.845 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

ClientSampleId :

OILY-STONESMS

Tot Ion:198 Resp: 40809

Ion Ratio Lower Upper

198 100

51 35.9 20.8 60.8

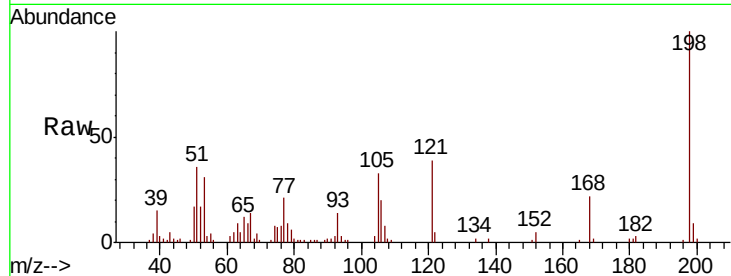
105 32.6 16.1 56.1

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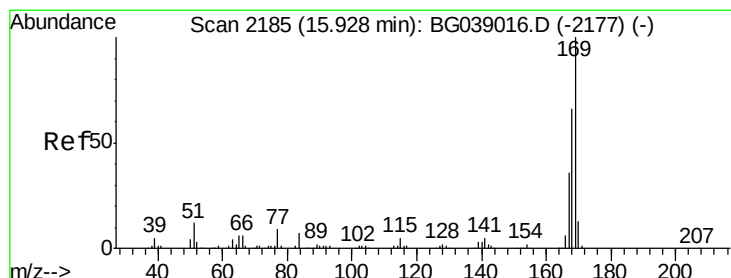
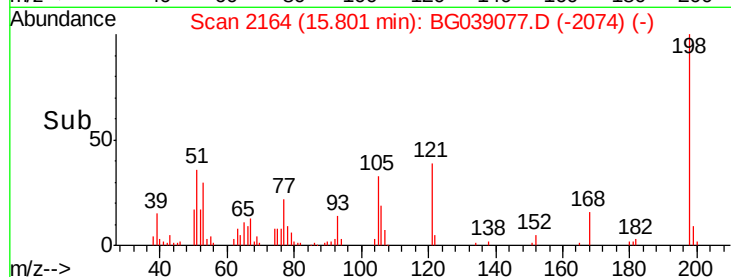
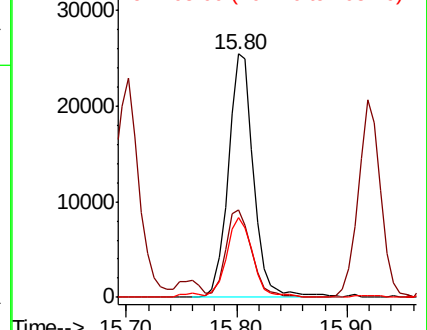
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.225 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

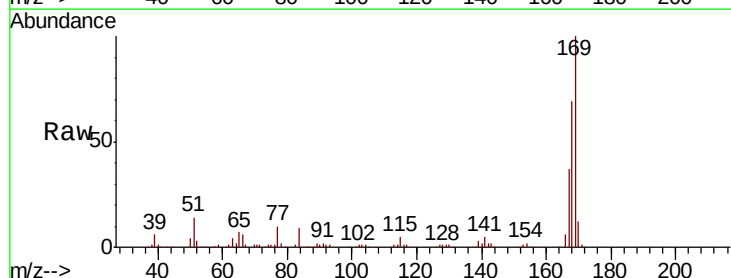
Tgt Ion:169 Resp: 212955

Ion Ratio Lower Upper

169 100

168 68.8 53.2 79.8

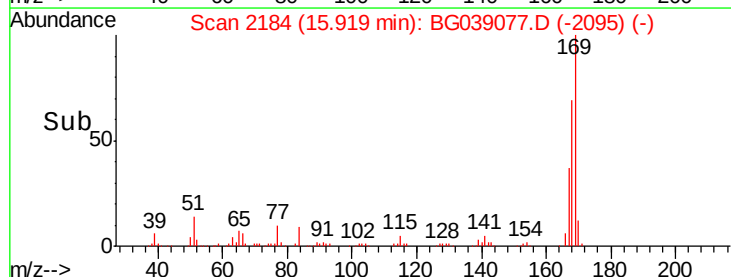
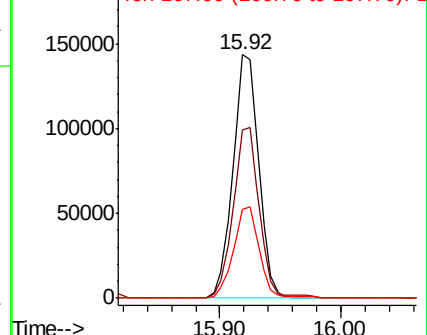
167 36.6 29.1 43.7

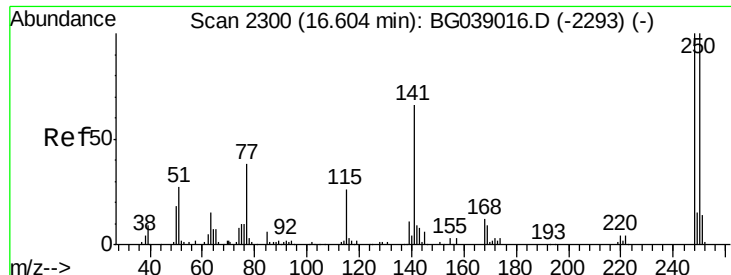


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





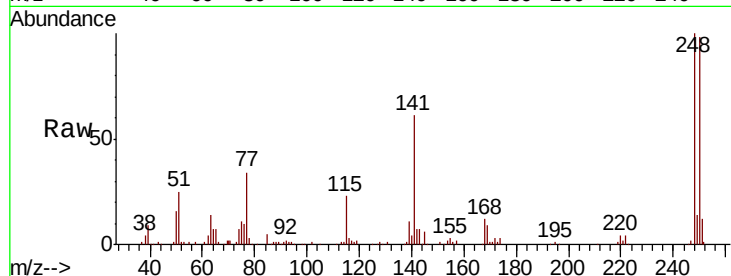
#67
4-Bromophenyl-phenylether
Concen: 39.040 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.9	119.9
141	60.9	52.7	79.1

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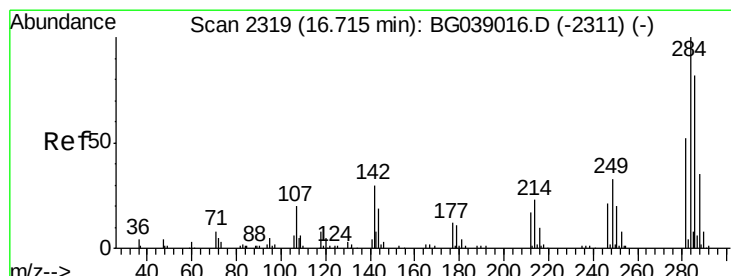
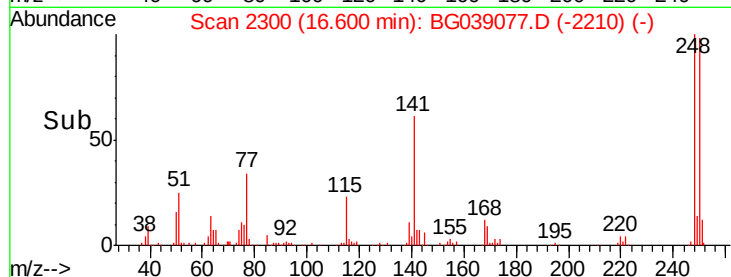
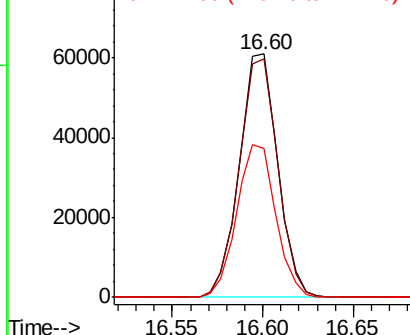


Abundance

Ion 248.00 (247.70 to 248.70): E

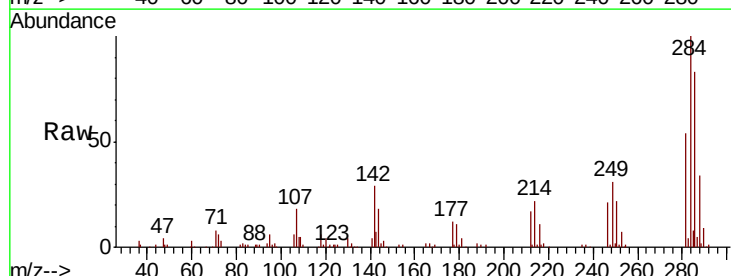
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.150 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	24.3	36.5
249	33.7	27.8	41.8

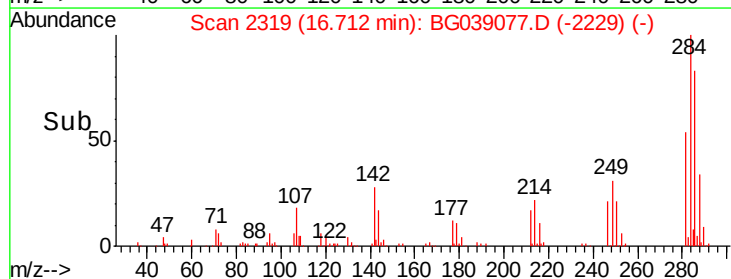
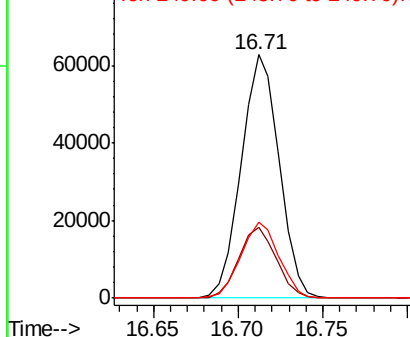


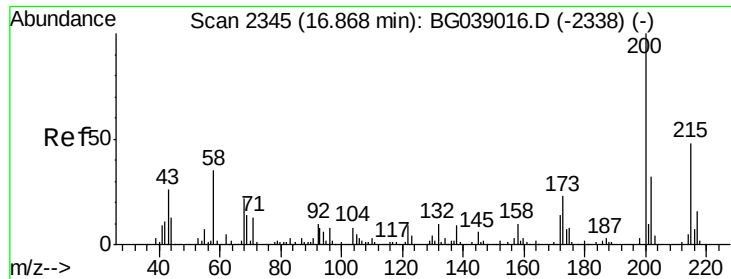
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





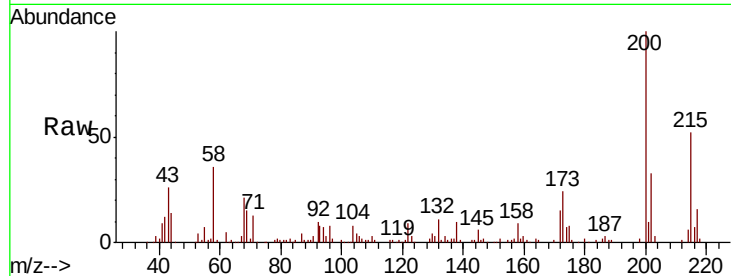
#69
 Atrazine
 Concen: 40.842 ng
 RT: 16.86 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	2.6	42.6
215	52.2	28.0	68.0

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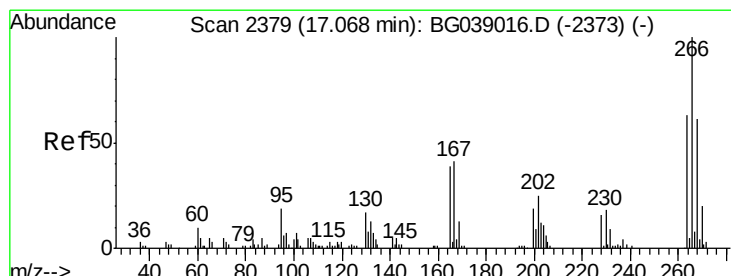
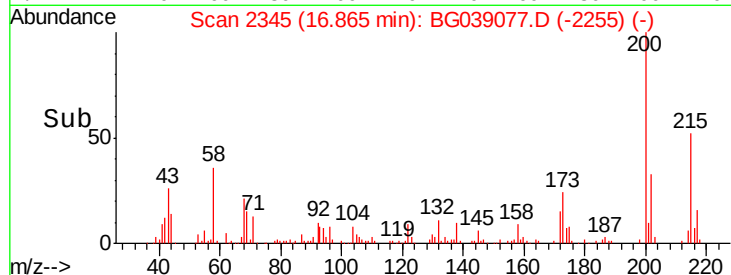
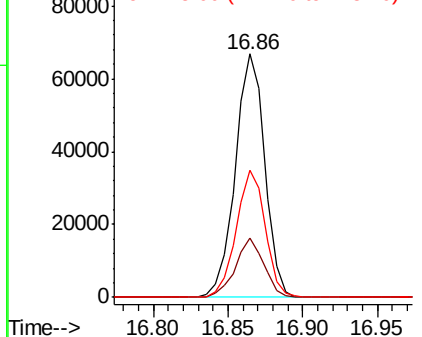


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 61.201 ng
 RT: 17.06 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

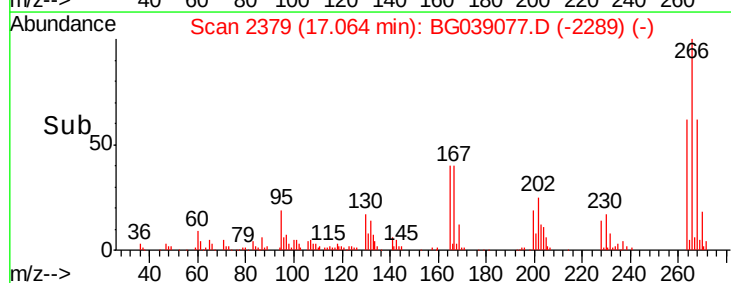
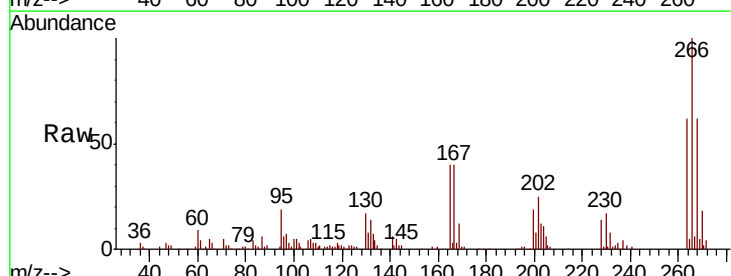
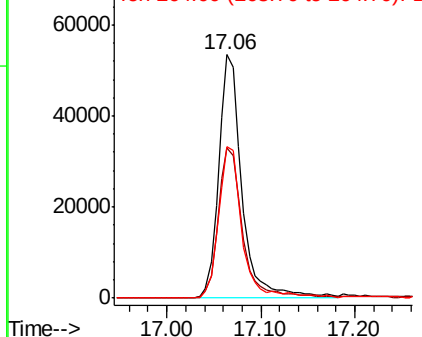
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	52.0	78.0
264	62.5	54.6	81.8

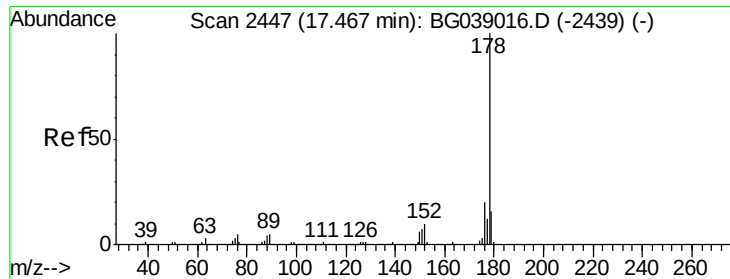
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.347 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

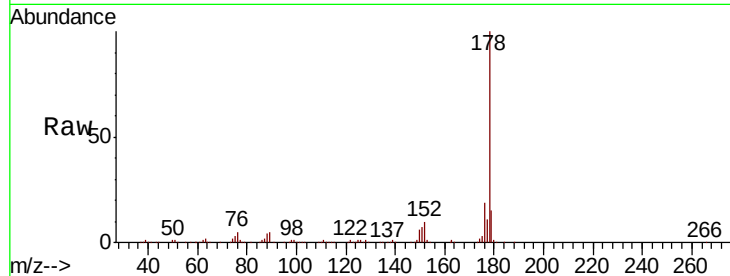
ClientSampleId :

OILY-STONESMS

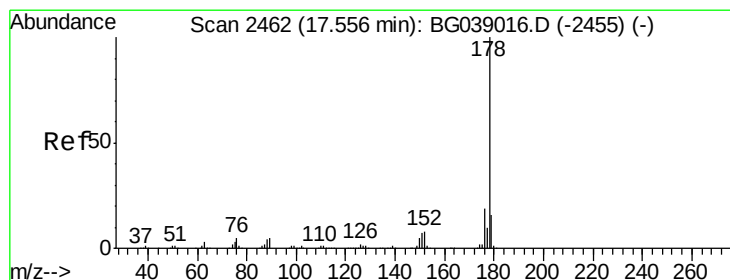
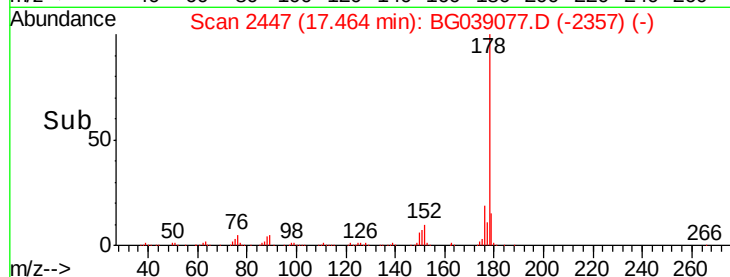
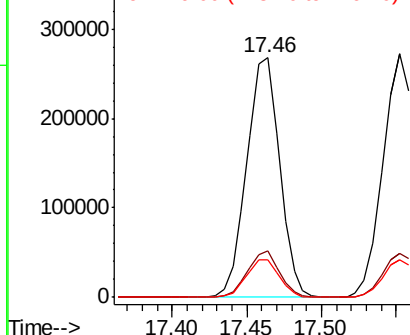
Tot Ion:	178	Resp:	409169
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.7	23.5
179	15.4	12.9	19.3

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.547 ng

RT: 17.55 min Scan# 2462

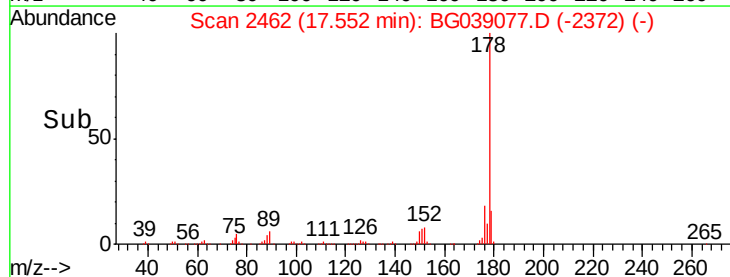
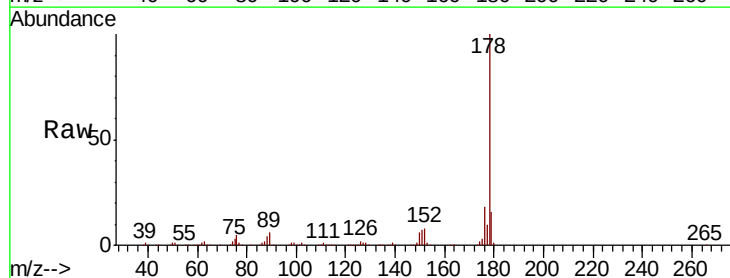
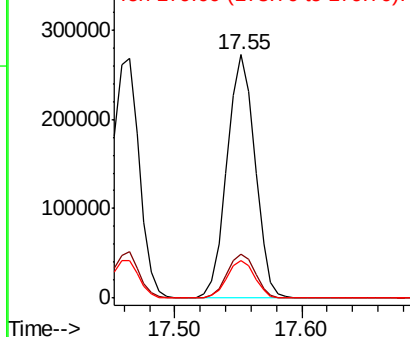
Delta R.T. -0.00 min

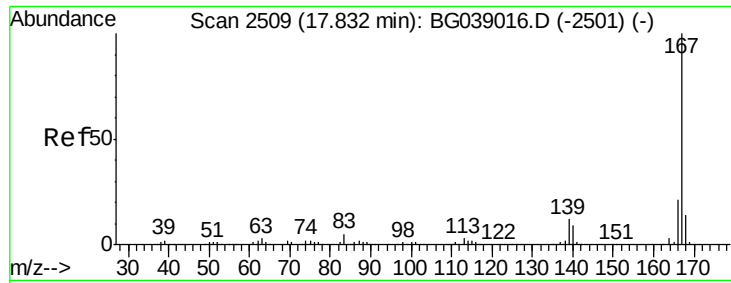
Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	178	Resp:	415752
Ion Ratio	Lower	Upper	
178	100		
176	18.0	14.9	22.3
179	15.6	13.0	19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.916 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

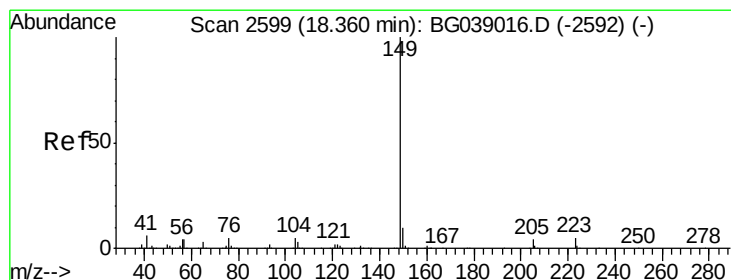
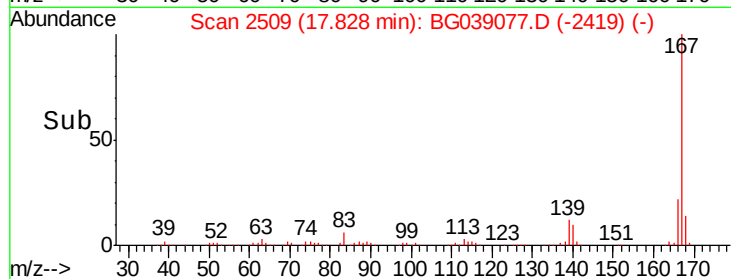
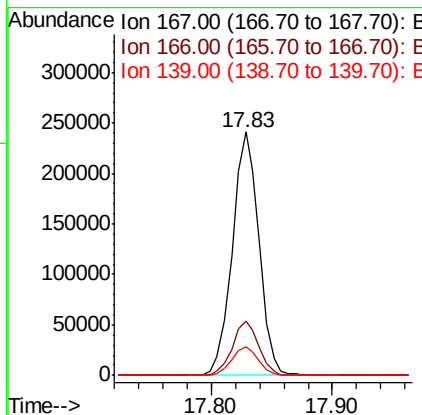
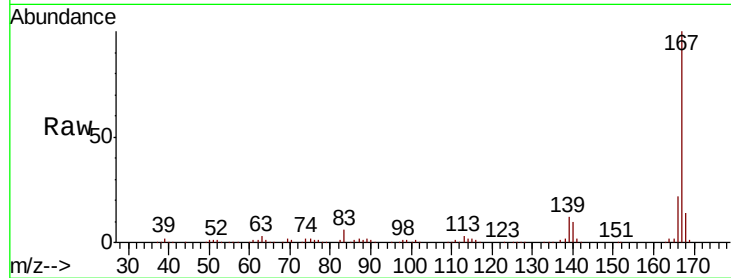
ClientSampleId :

OILY-STONESMS

Tot Ion:	167	Resp:	367753
Ion Ratio	Lower	Upper	
167	100		
166	22.1	16.9	25.3
139	11.9	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 41.816 ng

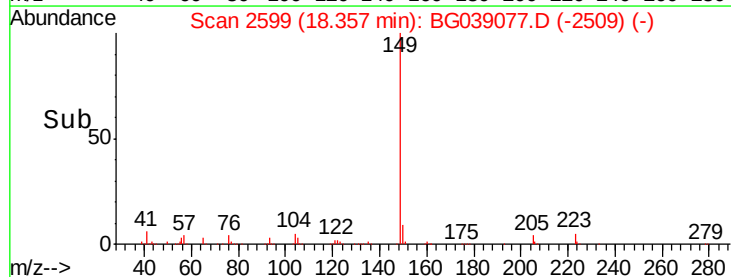
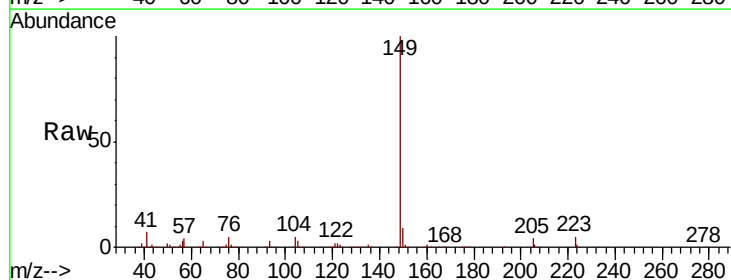
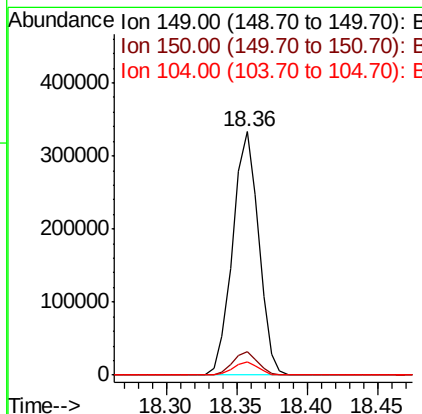
RT: 18.36 min Scan# 2599

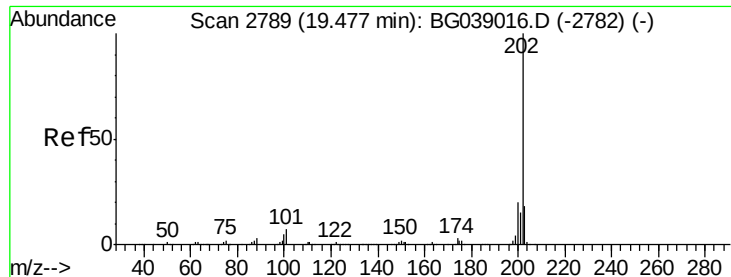
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	149	Resp:	428598
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.9	11.9
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 44.108 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

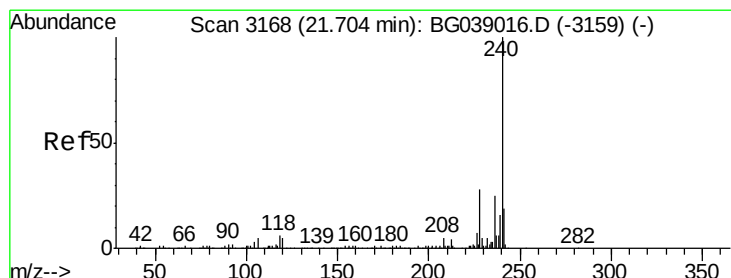
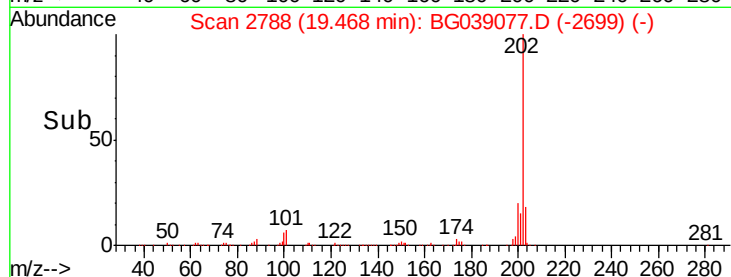
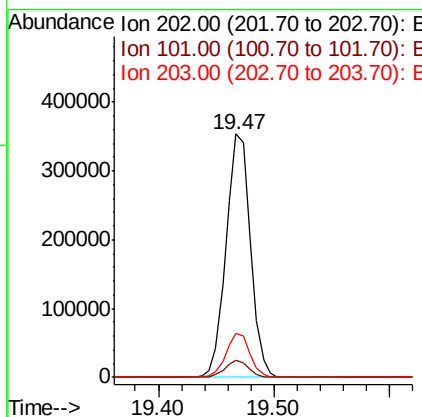
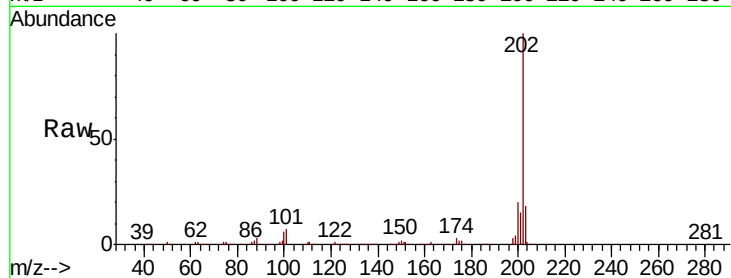
ClientSampleId :

OILY-STONESMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		516137		
101	7.0	0.0	26.9		
203	18.2	0.0	38.1		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

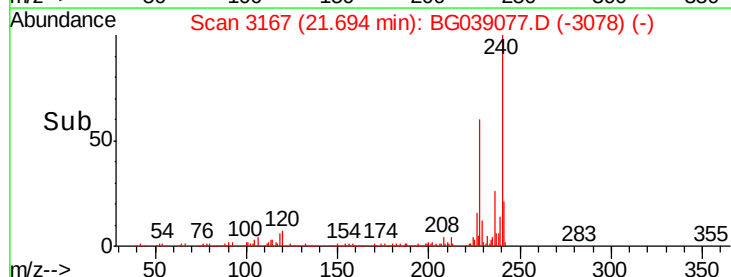
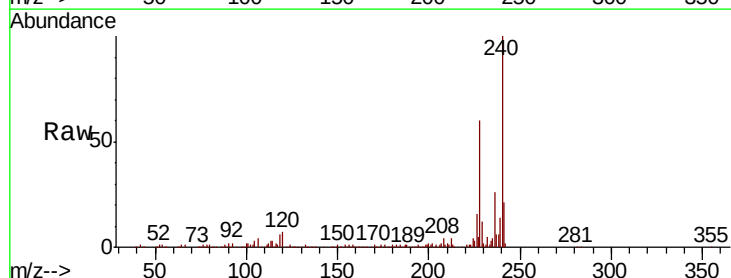
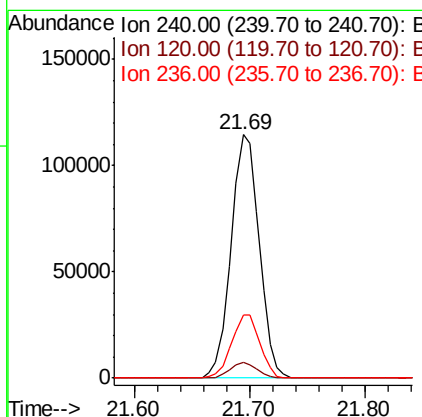
RT: 21.69 min Scan# 3167

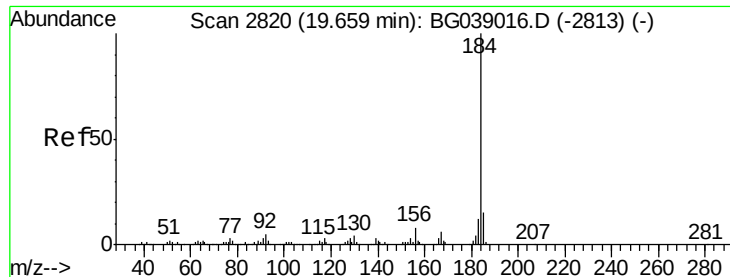
Delta R.T. -0.01 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		192752		
120	6.7	4.3	6.5#		
236	26.0	20.1	30.1		





#77

Benzidine

Concen: 6.609 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

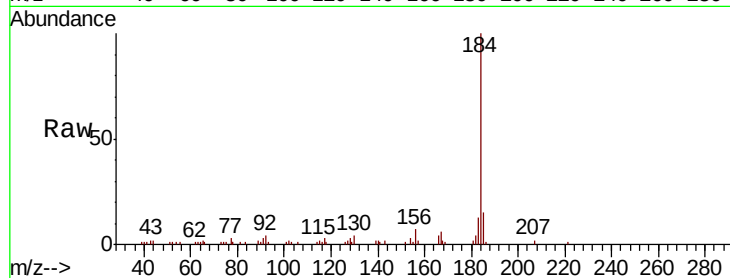
ClientSampleId :

OILY-STONESMS

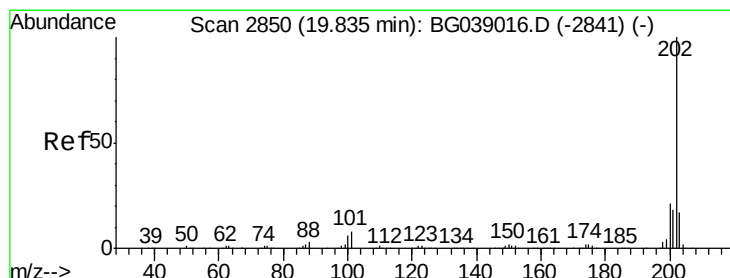
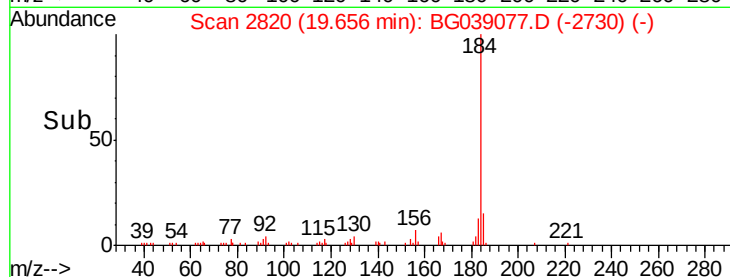
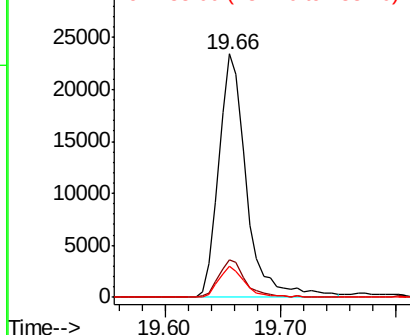
Tot Ion:	184	Resp:	38964
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.1	18.1
183	12.6	9.5	14.3

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.541 ng

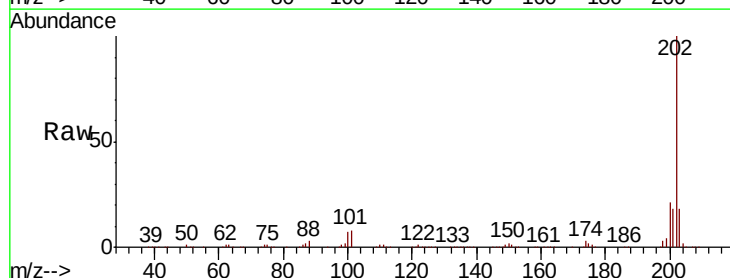
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

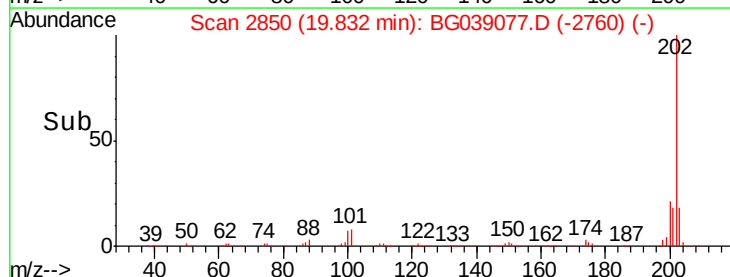
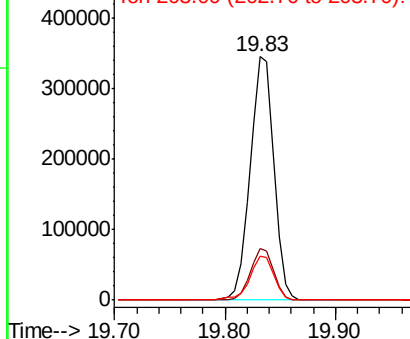
Lab File: BG039077.D

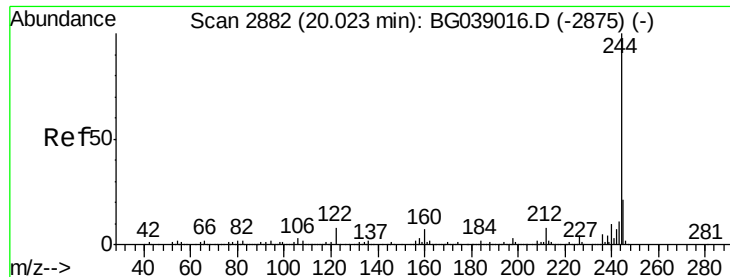
Acq: 11 Jan 2019 7:06

Tgt Ion:	202	Resp:	522563
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	18.0	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.901 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

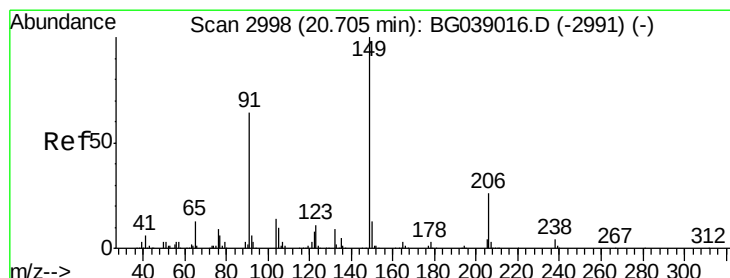
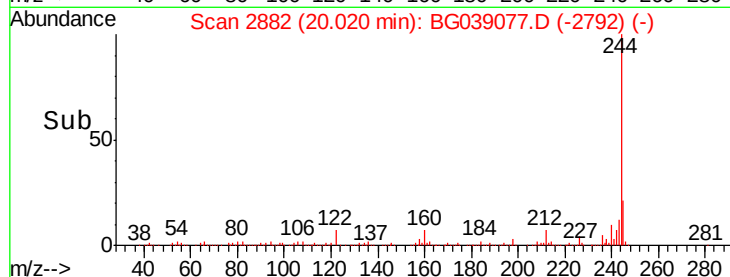
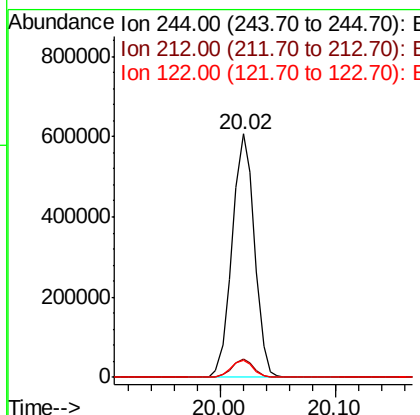
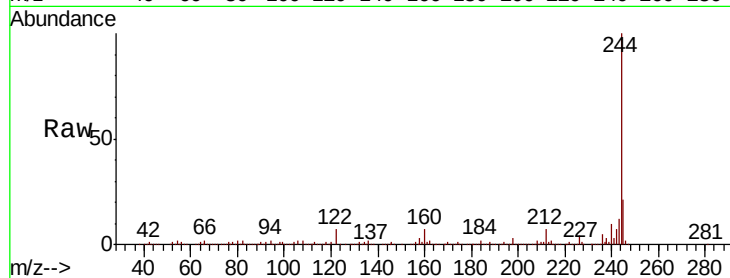
ClientSampleId :

OILY-STONESMS

Tot Ion:	244	Resp:	811699
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.1	9.1
122	7.1	6.1	9.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 42.110 ng

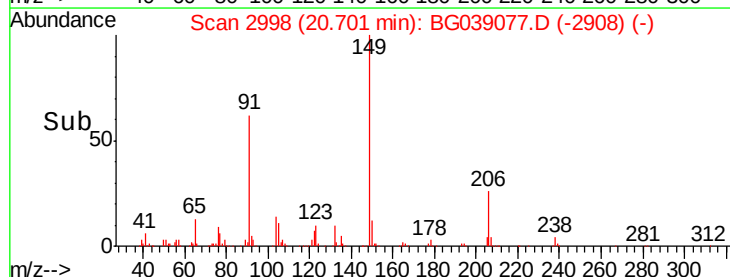
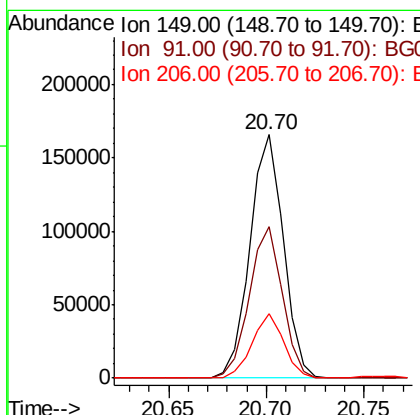
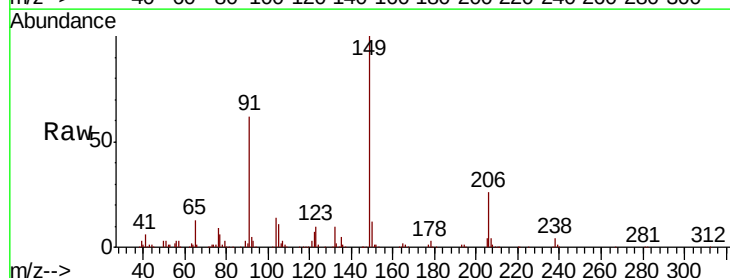
RT: 20.70 min Scan# 2998

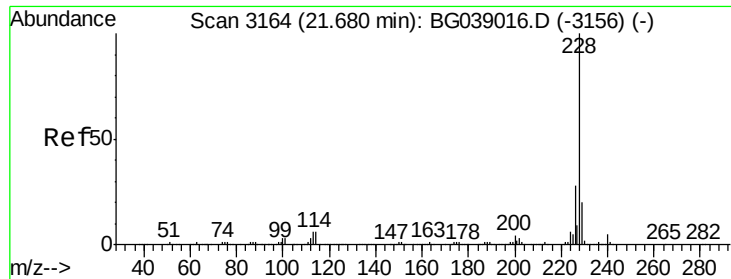
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	149	Resp:	196738
Ion Ratio		Lower	Upper
149	100		
91	62.2	51.4	77.0
206	26.4	20.4	30.6





#81

Benzo(a)anthracene

Concen: 44.078 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Instrument :

BNA_G

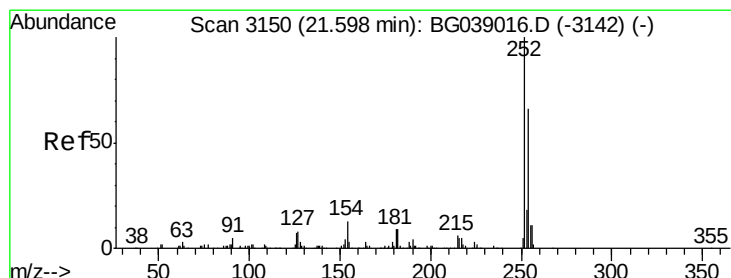
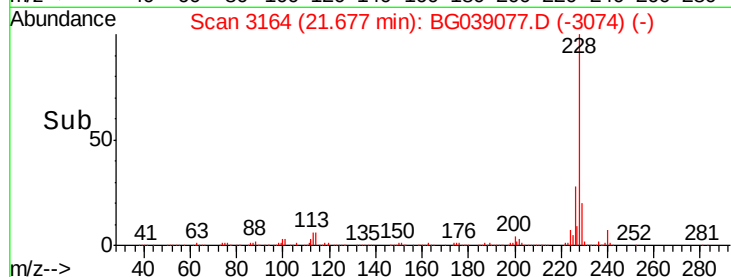
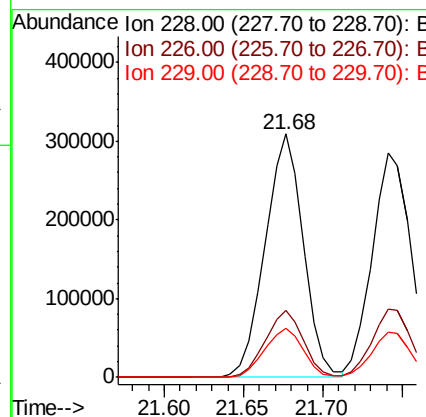
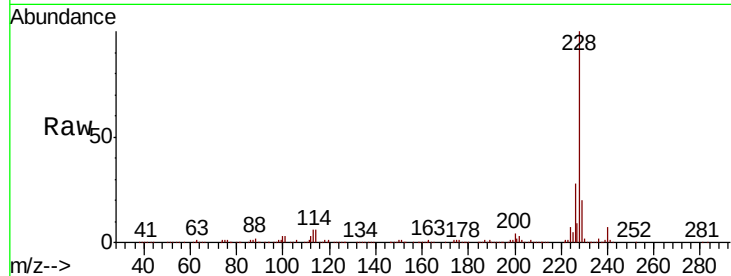
ClientSampleId :

OILY-STONESMS

Tot Ion:	228	Resp:	517195
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.4	33.6
229	19.9	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 11.594 ng

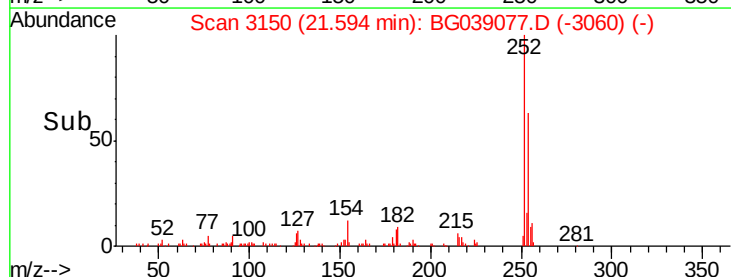
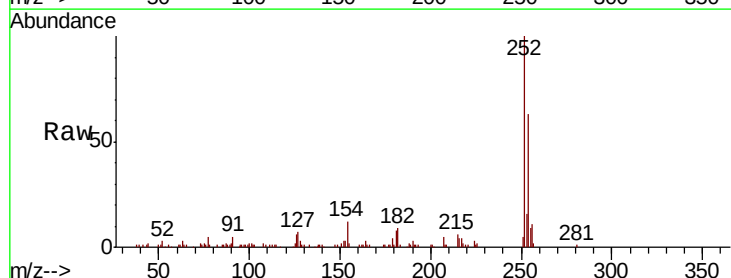
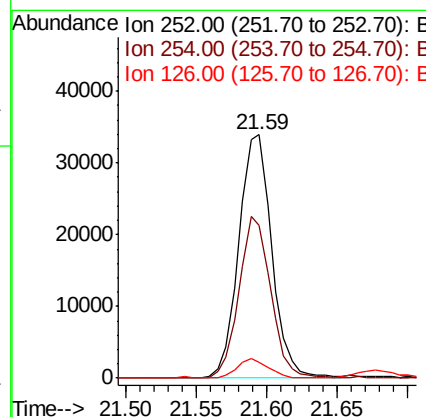
RT: 21.59 min Scan# 3150

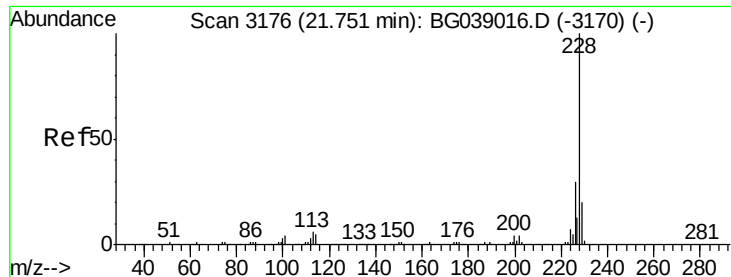
Delta R.T. -0.00 min

Lab File: BG039077.D

Acq: 11 Jan 2019 7:06

Tgt Ion:	252	Resp:	55431
Ion Ratio	Lower	Upper	
252	100		
254	62.7	53.0	79.6
126	6.2	6.0	9.0





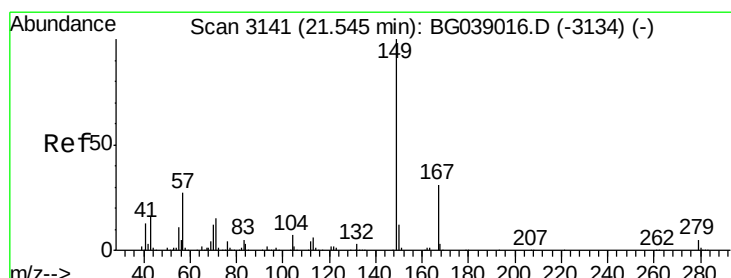
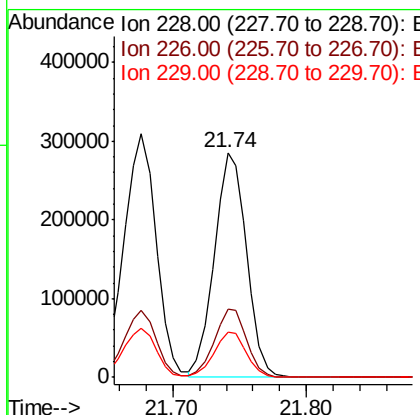
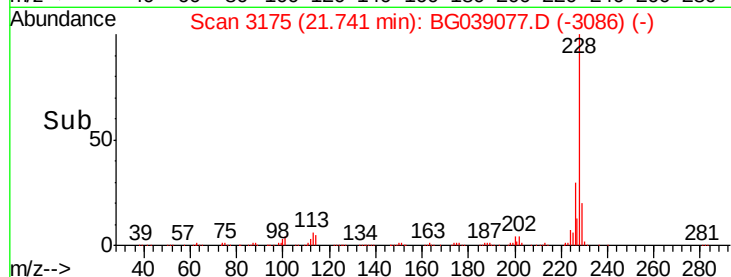
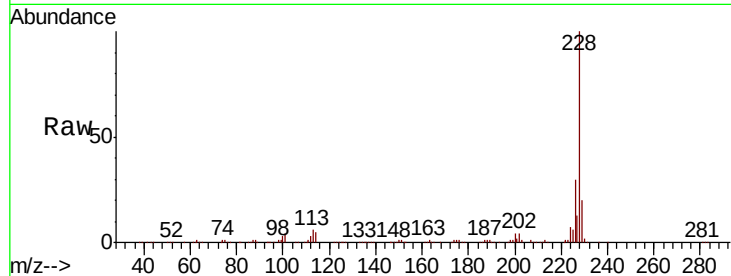
#83
 Chrysene
 Concen: 43.152 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.01 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	481575		
226	30.2		24.1	36.1
229	20.1		16.0	24.0

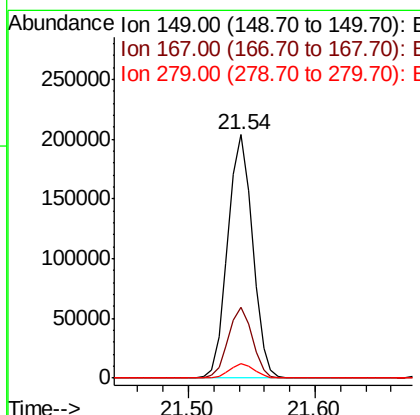
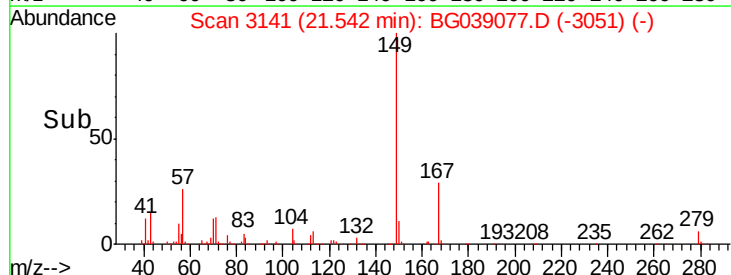
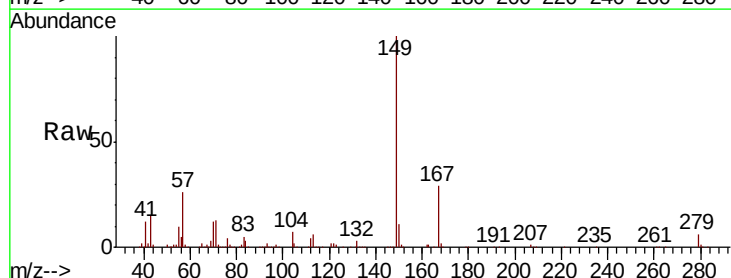
Manual Integrations
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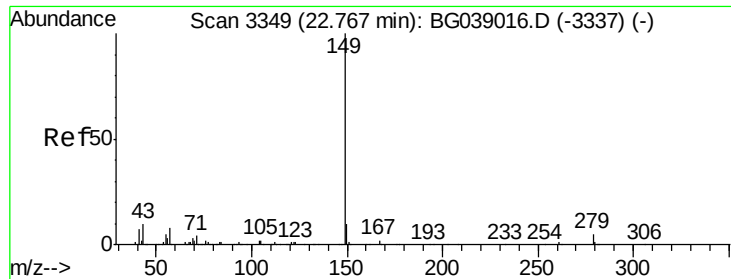
Sohil
 1/11/2019 4:44:37 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.478 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG039077.D
 Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	275557		
167	28.8		25.0	37.4
279	5.8		4.3	6.5





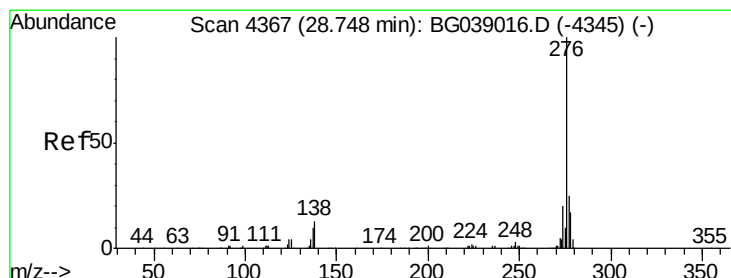
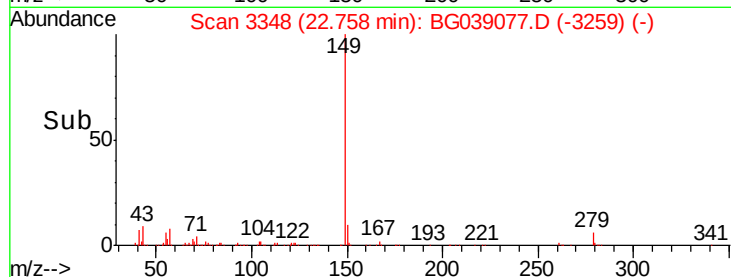
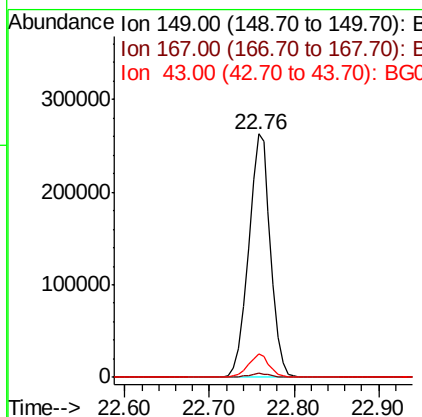
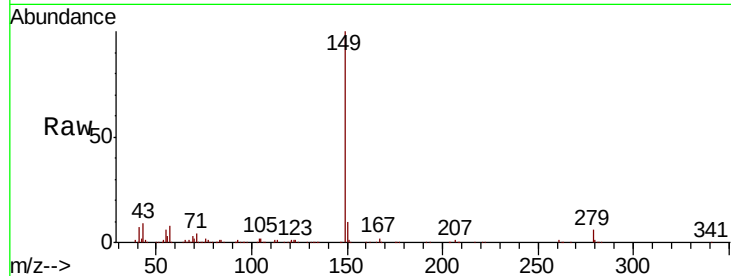
#85
Di-n-octyl phthalate
Concen: 42.941 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	471028		
167	1.7		1.3	1.9
43	9.0		7.5	11.3

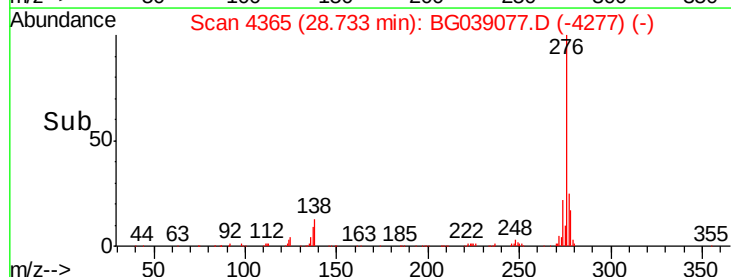
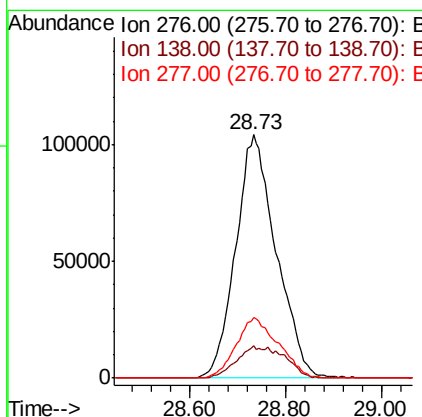
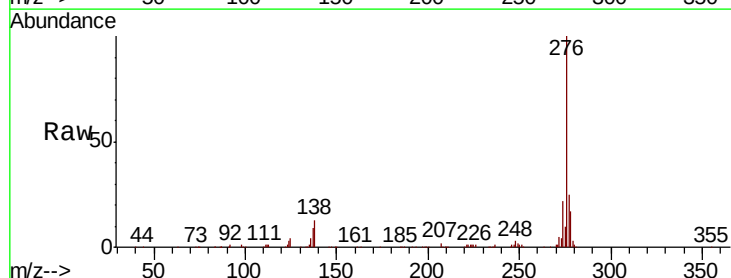
Manual Integrations
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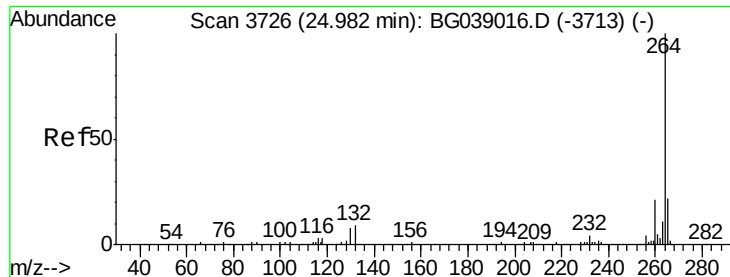
Sohil
1/11/2019 4:44:37 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.715 ng
RT: 28.73 min Scan# 4365
Delta R.T. -0.02 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	609606		
138	8.1		8.0	12.0
277	26.0		20.3	30.5





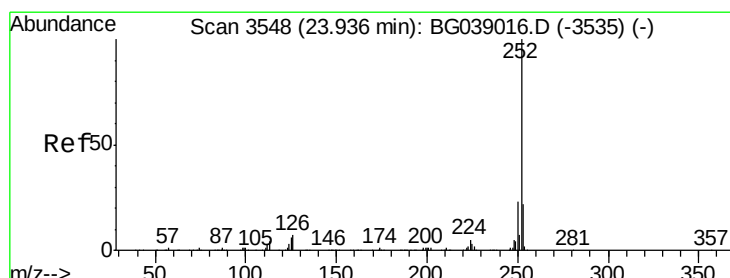
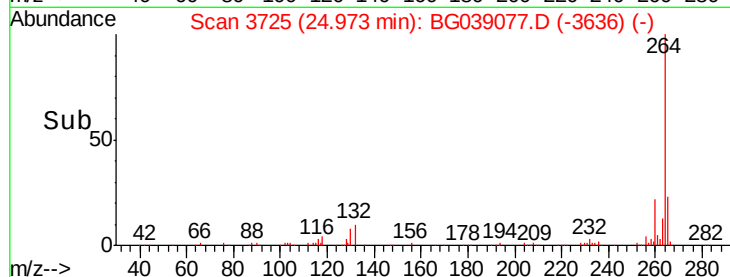
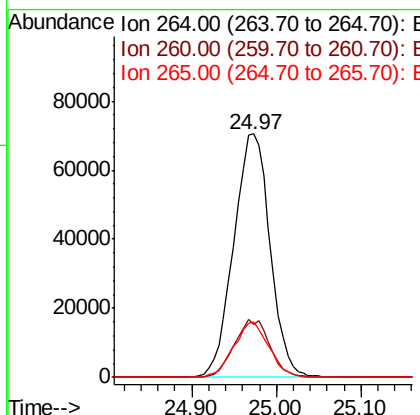
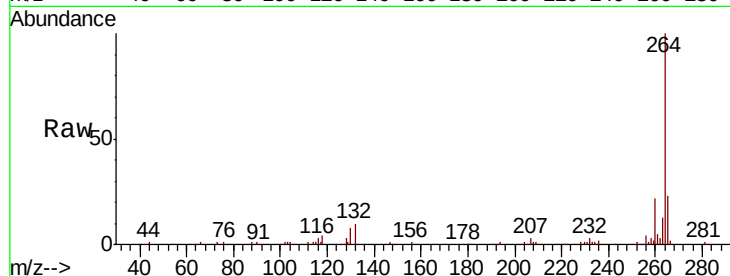
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.0	25.6
265	23.0	17.2	25.8

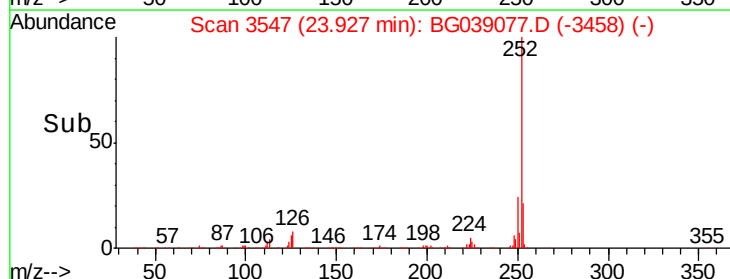
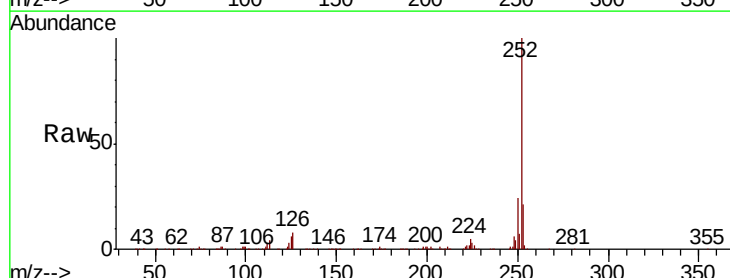
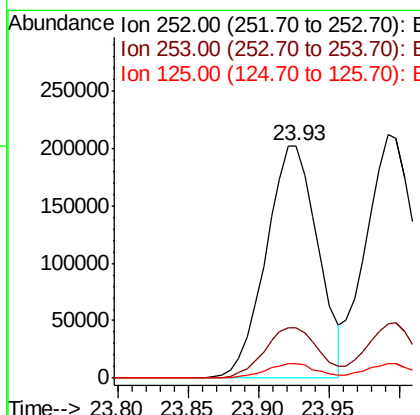
Manual Integrations
APPROVED

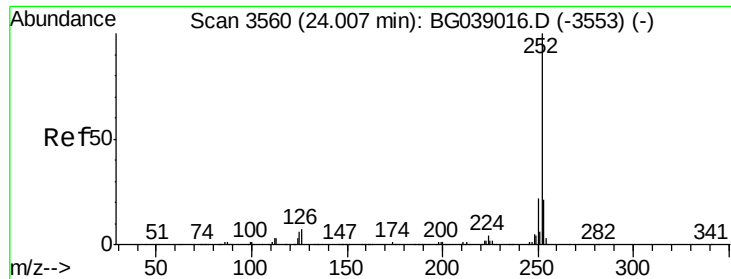
Sohil
1/11/2019 4:44:37 PM



#88
Benzo(b)fluoranthene
Concen: 44.732 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	6.3	4.9	7.3





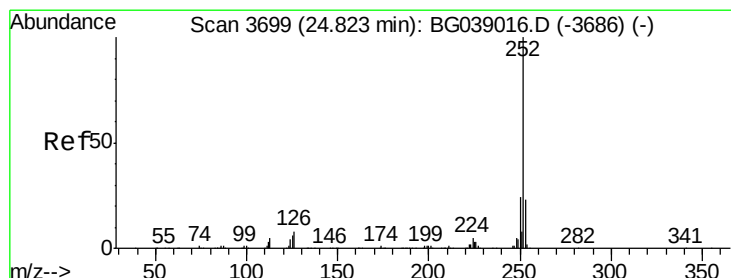
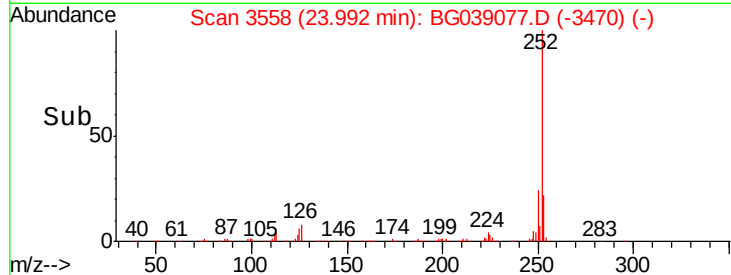
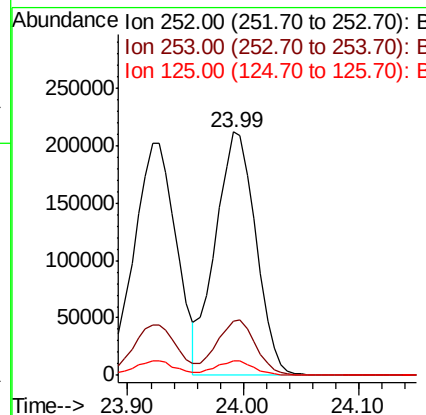
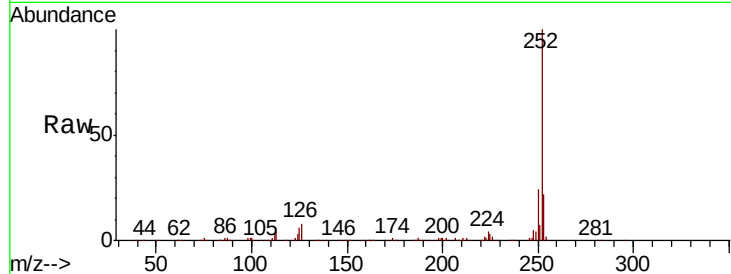
#89
Benzo(k)fluoranthene
Concen: 44.888 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.02 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	6.0	4.6	7.0

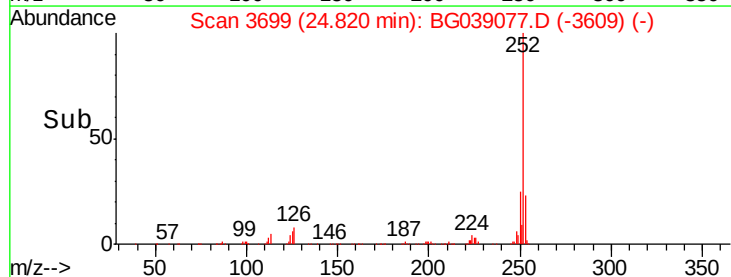
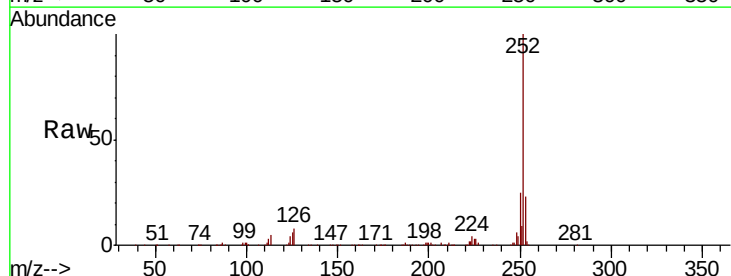
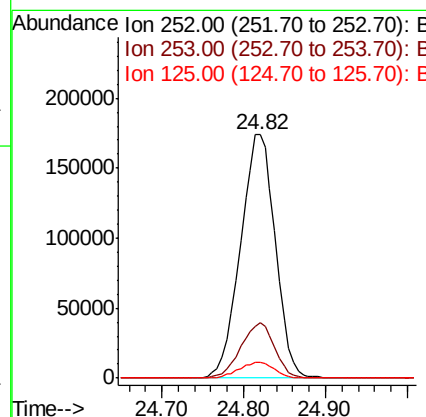
Manual Integrations
APPROVED

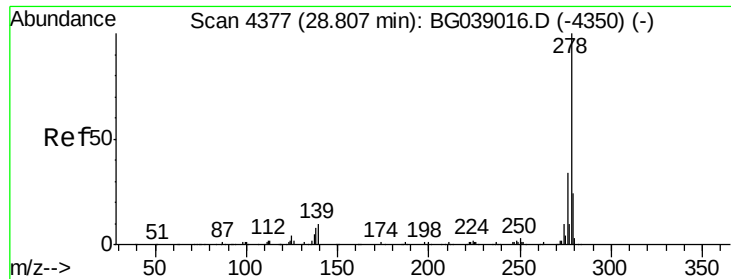
Sohil
1/11/2019 4:44:37 PM



#90
Benzo(a)pyrene
Concen: 45.821 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	6.3	4.9	7.3





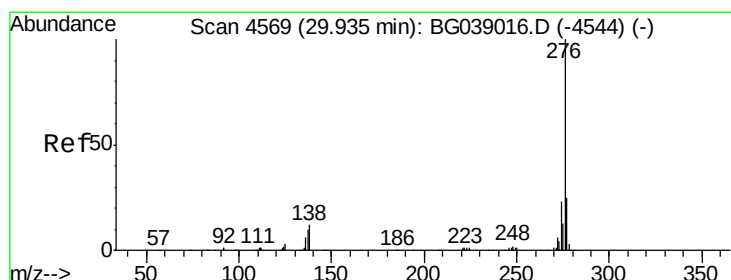
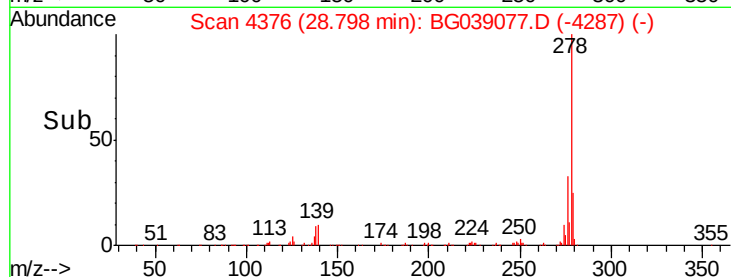
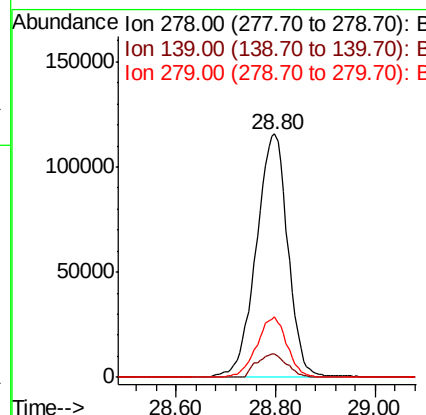
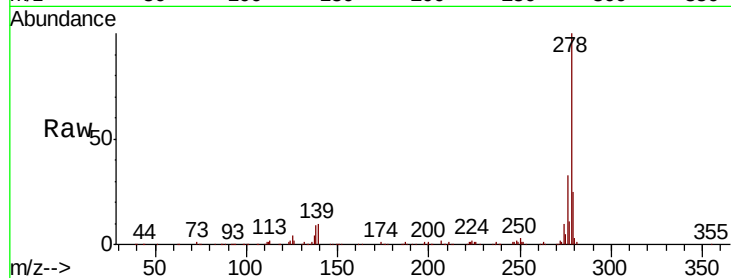
#91
Dibenzo(a,h)anthracene
Concen: 45.878 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.9	11.9
279	24.7	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/11/2019 4:44:37 PM



#92
Benzo(g,h,i)perylene
Concen: 45.831 ng
RT: 29.91 min Scan# 4566
Delta R.T. -0.02 min
Lab File: BG039077.D
Acq: 11 Jan 2019 7:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	20.3	30.5
138	11.1	9.4	14.2

