

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039078.D
 Acq On : 11 Jan 2019 7:44
 Operator : JU/SJ
 Sample : K1083-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMSD

Manual Integrations
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Sohil
 1/11/2019 4:44:39 PM

Quant Time: Jan 11 08:36:55 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	8.02	152	24566	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	99248	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69175	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	178468	20.00	ng	0.00
76) Chrysene-d12	21.70	240	191237	20.00	ng	0.00
87) Perylene-d12	24.97	264	210824	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	170296	131.50	ng	0.00
7) Phenol-d6	7.19	99	218985	117.50	ng	0.00
23) Nitrobenzene-d5	9.20	82	148753	82.01	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	150960	130.19	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	408739	80.87	ng	0.00
79) Terphenyl-d14	20.02	244	809285	78.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	18745	36.963	ng	# 29
3) Pyridine	3.88	79	47940	34.790	ng	96
4) n-Nitrosodimethylamine	3.79	42	30293	48.854	ng	# 92
6) Aniline	7.35	93	25954	11.596	ng	93
8) 2-Chlorophenol	7.59	128	73341	48.044	ng	98
9) Benzaldehyde	7.17	77	23749	22.097	ng	93
10) Phenol	7.22	94	78350	41.932	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	59034	41.338	ng	98
12) 1,3-Dichlorobenzene	7.91	146	75901	41.499	ng	96
13) 1,4-Dichlorobenzene	8.06	146	77453	41.814	ng	99
14) 1,2-Dichlorobenzene	8.38	146	75202	42.580	ng	98
15) Benzyl Alcohol	8.27	79	65385	46.587	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	112076	40.928	ng	100
17) 2-Methylphenol	8.48	107	62307	48.024	ng	96
18) Hexachloroethane	9.10	117	26211	41.651	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	51731	42.270	ng	93
20) 3+4-Methylphenols	8.81	107	85204	46.061	ng	98
22) Acetophenone	8.86	105	105906	40.861	ng	# 97
24) Nitrobenzene	9.25	77	80424	43.869	ng	98
25) Isophorone	9.76	82	150607	48.205	ng	99
26) 2-Nitrophenol	9.96	139	43999	44.371	ng	92
27) 2,4-Dimethylphenol	10.01	122	73550	52.721	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	84432	44.965	ng	96
29) 2,4-Dichlorophenol	10.49	162	84935	49.006	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	88261	42.384	ng	98
31) Naphthalene	10.90	128	235506	47.312	ng	98
32) Benzoic acid	10.17	122	30796	38.275	ng	98
33) 4-Chloroaniline	11.03	127	6085	2.732	ng	97
34) Hexachlorobutadiene	11.16	225	58270	40.666	ng	95
35) Caprolactam	11.80	113	21261m	30.592	ng	
36) 4-Chloro-3-methylphenol	12.13	107	86802	46.826	ng	92
37) 2-Methylnaphthalene	12.49	142	178080	47.717	ng	100
38) 1-Methylnaphthalene	12.71	142	170584	47.621	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	112796	43.418	ng	99

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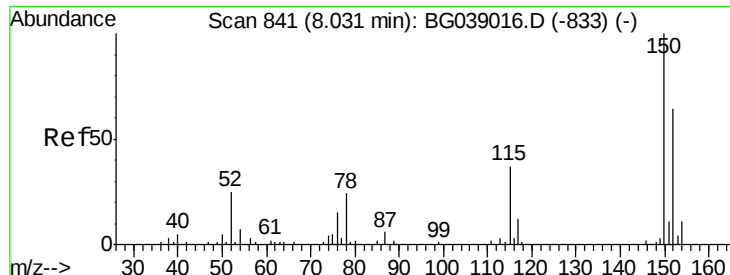
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	125383	85.285	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	78621	48.084	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	85401	49.418	ng	97
46) 1,1'-Biphenyl	13.50	154	239506	43.695	ng	99
47) 2-Chloronaphthalene	13.55	162	192757	43.457	ng	97
48) 2-Nitroaniline	13.76	65	56477	45.449	ng	93
49) Acenaphthylene	14.39	152	317274	47.589	ng	99
50) Dimethylphthalate	14.12	163	260813	44.617	ng	100
51) 2,6-Dinitrotoluene	14.26	165	59606	45.608	ng	95
52) Acenaphthene	14.73	154	182525	45.567	ng	95
53) 3-Nitroaniline	14.59	138	7061	5.326	ng	94
54) 2,4-Dinitrophenol	14.80	184	47799	62.441	ng	96
55) Dibenzofuran	15.07	168	314685	44.481	ng	99
56) 4-Nitrophenol	14.90	139	80748	84.647	ng	96
57) 2,4-Dinitrotoluene	15.04	165	85032	45.350	ng	95
58) Fluorene	15.71	166	255214	47.926	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	81050	49.684	ng	97
60) Diethylphthalate	15.47	149	266158	44.192	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	144181	42.977	ng	97
62) 4-Nitroaniline	15.76	138	56181	40.677	ng	97
63) Azobenzene	16.00	77	206057	43.749	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	46209	34.949	ng	94
66) n-Nitrosodiphenylamine	15.92	169	232264	43.901	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	98592	42.976	ng	98
68) Hexachlorobenzene	16.71	284	107943	43.120	ng	97
69) Atrazine	16.87	200	97220	43.256	ng	97
70) Pentachlorophenol	17.07	266	107073	70.009	ng	98
71) Phenanthrene	17.46	178	441386	46.790	ng	99
72) Anthracene	17.55	178	447628	47.993	ng	99
73) Carbazole	17.83	167	396279	43.039	ng	99
74) Di-n-butylphthalate	18.36	149	460061	44.915	ng	99
75) Fluoranthene	19.47	202	551530	47.162	ng	99
77) Benzidine	19.66	184	28253	4.830	ng	95
78) Pyrene	19.83	202	557763	45.766	ng	99
80) Butylbenzylphthalate	20.70	149	209001	45.089	ng	98
81) Benzo(a)anthracene	21.68	228	551049	47.335	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	55254	11.649	ng	97
83) Chrysene	21.74	228	515099	46.522	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	298990	46.455	ng	96
85) Di-n-octyl phthalate	22.76	149	504882	46.392	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	649274	49.075	ng	99
88) Benzo(b)fluoranthene	23.92	252	559934	48.167	ng	99
89) Benzo(k)fluoranthene	23.99	252	545866	47.493	ng	97
90) Benzo(a)pyrene	24.82	252	543516	48.372	ng	98
91) Dibenzo(a,h)anthracene	28.79	278	539232	48.247	ng	100
92) Benzo(g,h,i)perylene	29.93	276	540425	48.843	ng	96

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



#1

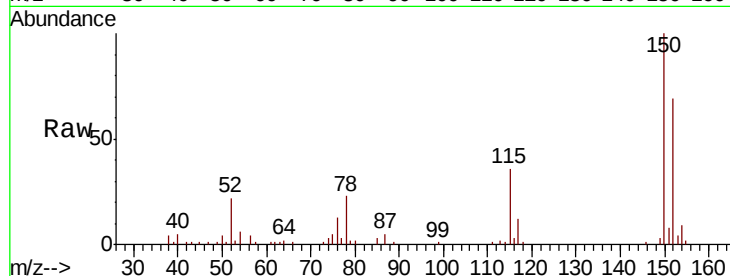
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	124.7	187.1
115	51.6	46.5	69.7

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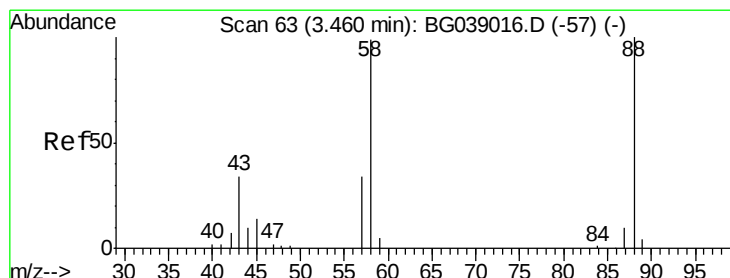
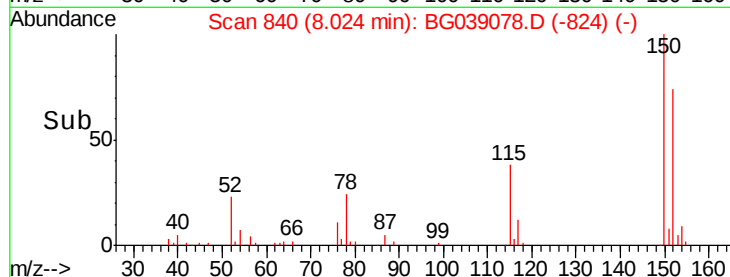
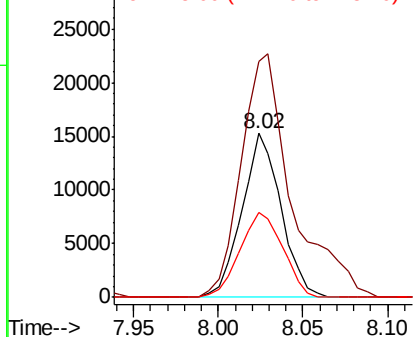


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

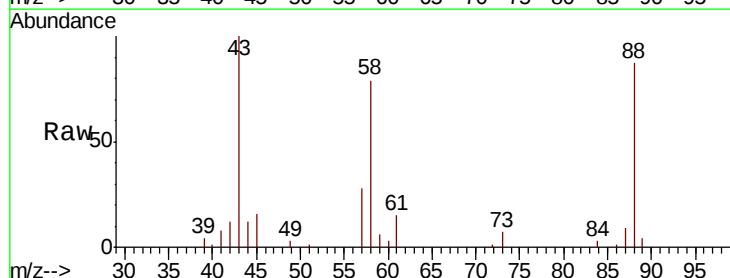
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.963 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.7	72.4	108.6
43	166.5	27.6	41.4#

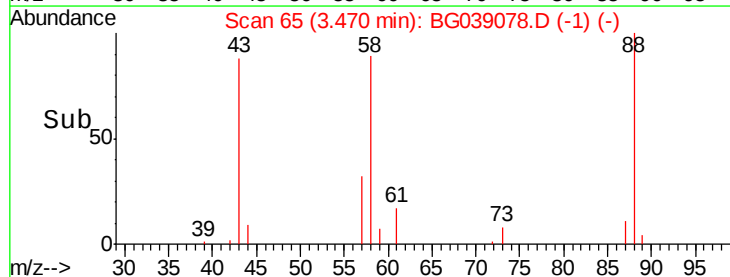
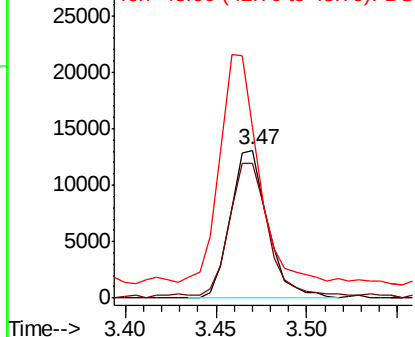


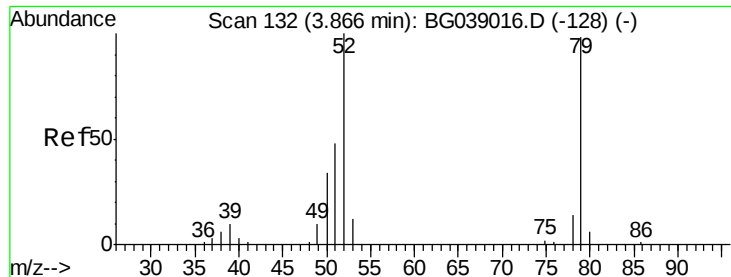
Abundance

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: 34.790 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.01 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

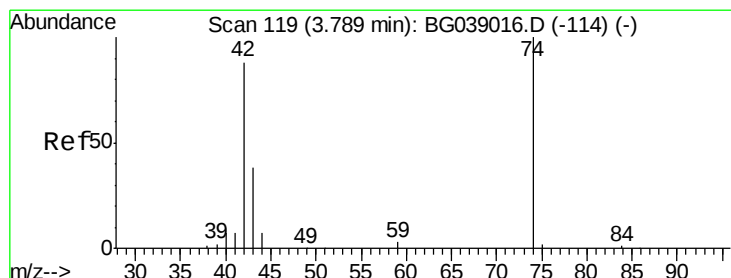
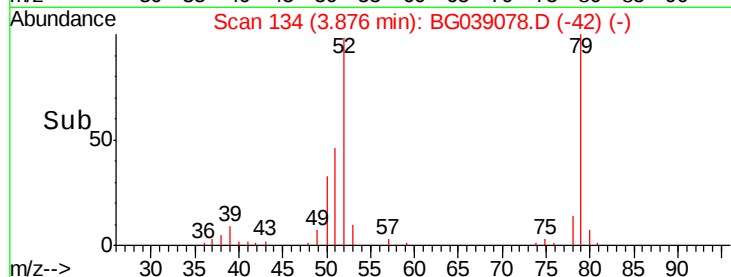
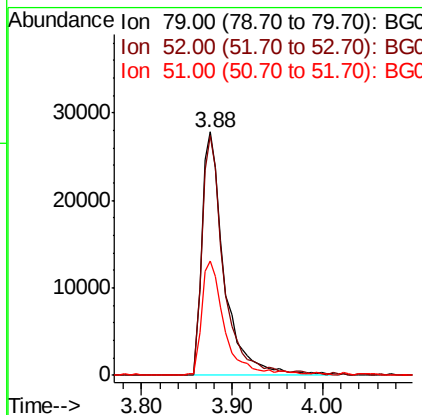
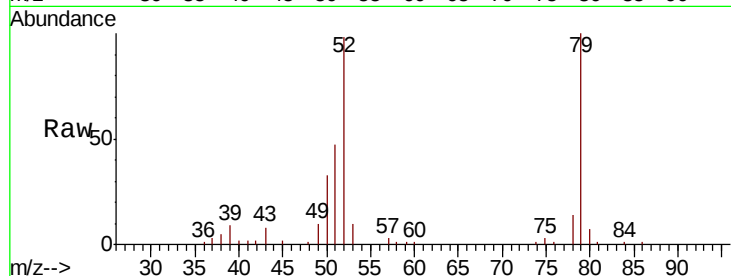
ClientSampleId :

OILY-STONESMSD

Tot Ion:	79	Resp:	47940
Ion	Ratio	Lower	Upper
79	100		
52	98.4	81.5	122.3
51	47.2	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 48.854 ng

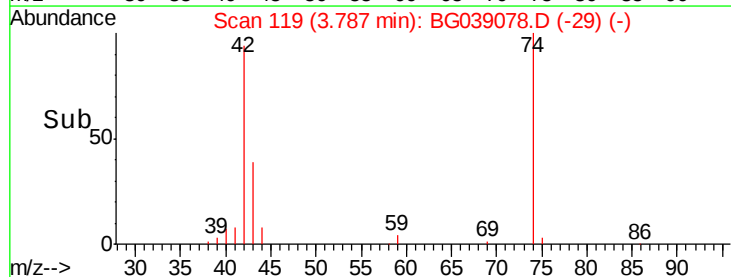
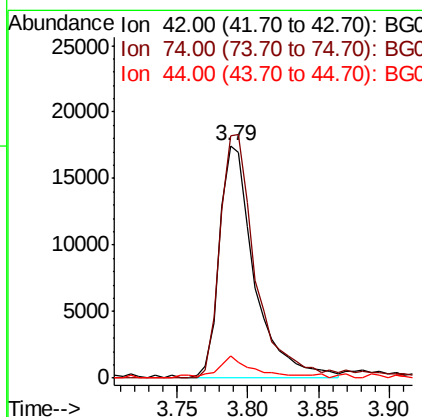
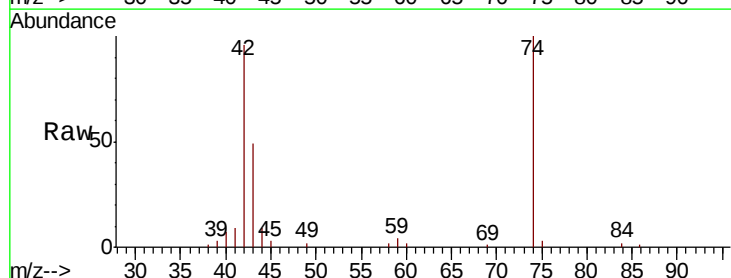
RT: 3.79 min Scan# 119

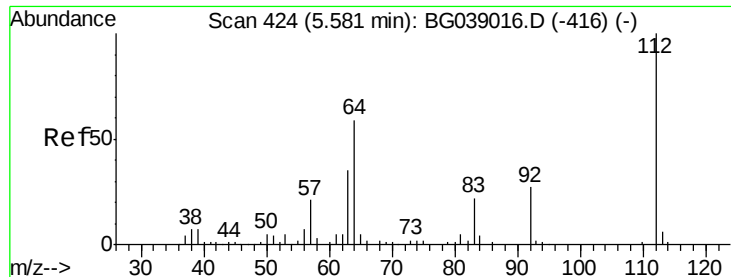
Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	42	Resp:	30293
Ion	Ratio	Lower	Upper
42	100		
74	104.4	90.7	136.1
44	9.8	6.5	9.7#





#5

2-Fluorophenol

Concen: 131.502 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

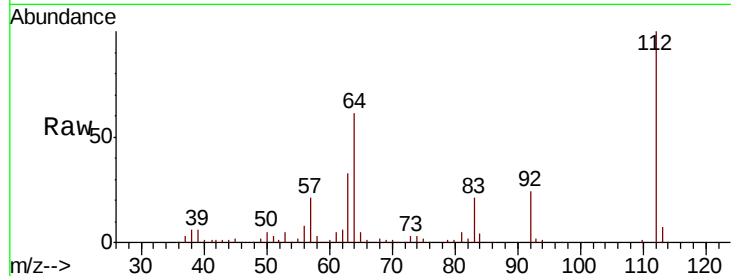
ClientSampleId :

OILY-STONESMSD

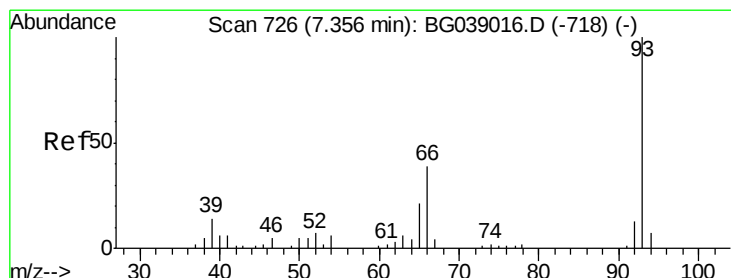
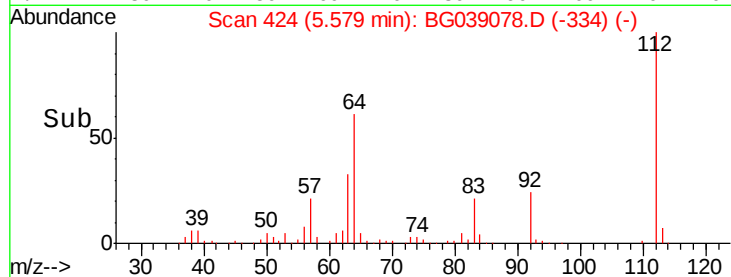
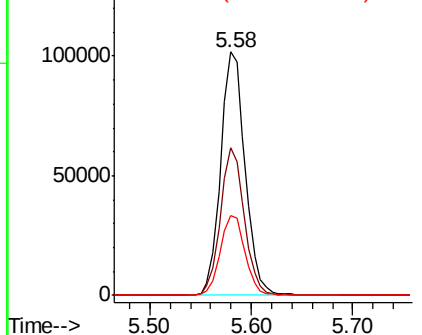
Tot Ion:	112	Resp:	170296
Ion Ratio	Lower	Upper	
112	100		
64	60.7	47.0	70.6
63	32.7	28.0	42.0

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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: 11.596 ng

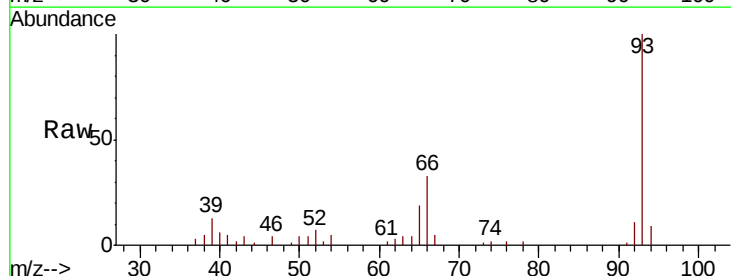
RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

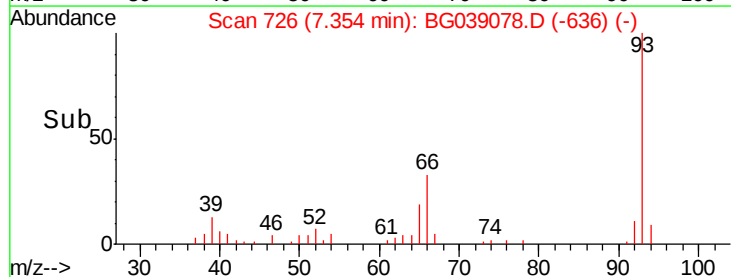
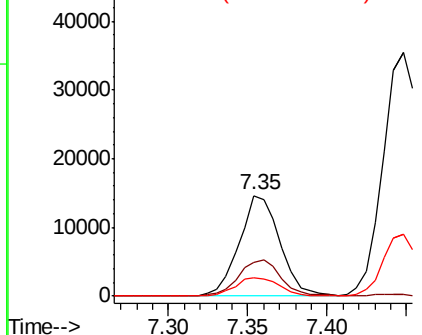
Lab File: BG039078.D

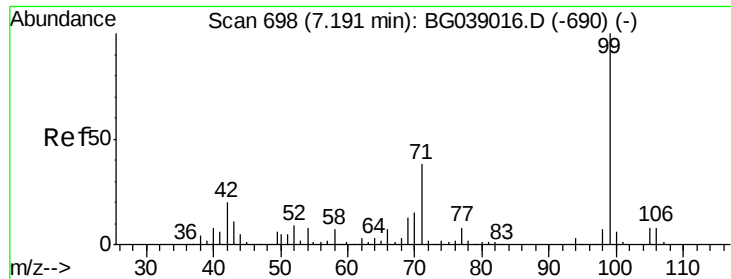
Acq: 11 Jan 2019 7:44

Tgt Ion:	93	Resp:	25954
Ion Ratio	Lower	Upper	
93	100		
66	33.5	30.9	46.3
65	18.8	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: 117.501 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

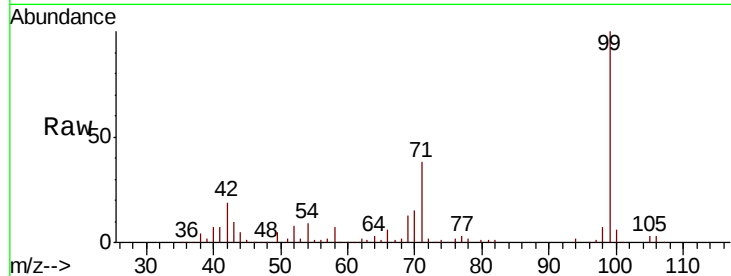
ClientSampleId :

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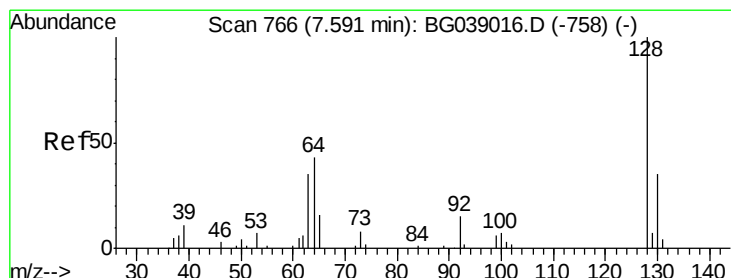
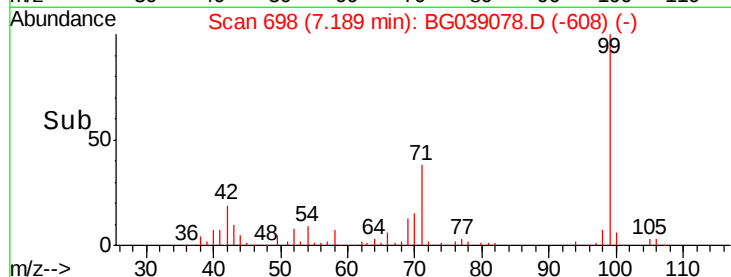
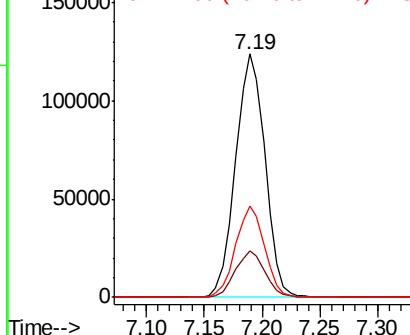
Tot Ion:	99	Resp:	218985
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.8	23.6
71	37.5	30.2	45.4

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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: 48.044 ng

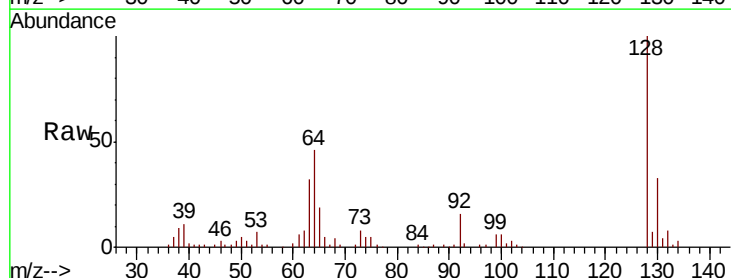
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

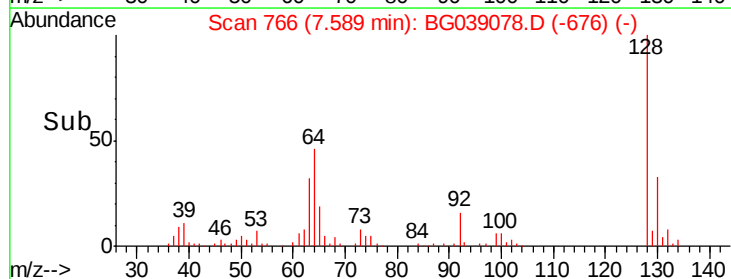
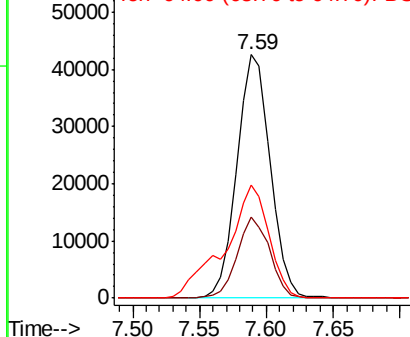
Lab File: BG039078.D

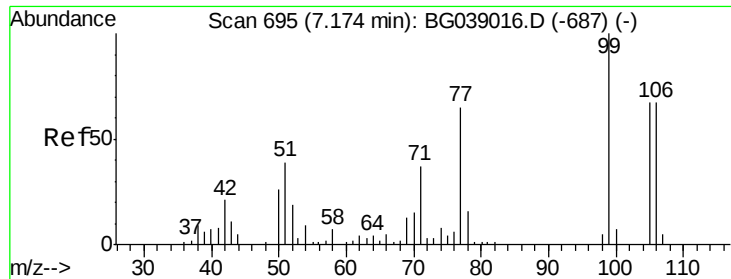
Acq: 11 Jan 2019 7:44

Tgt Ion:	128	Resp:	73341
Ion Ratio	Lower	Upper	
128	100		
130	33.4	14.5	54.5
64	46.4	27.3	67.3



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





#9

Benzaldehyde

Concen: 22.097 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

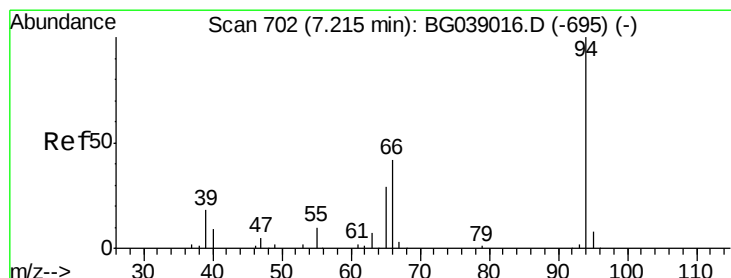
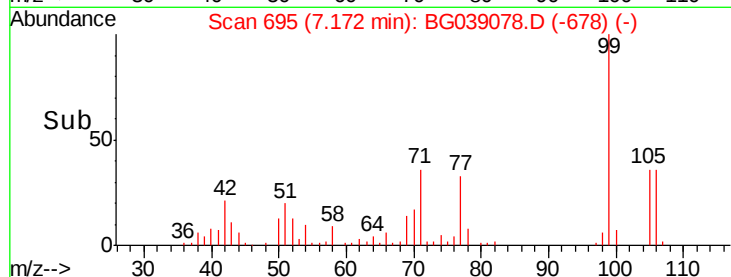
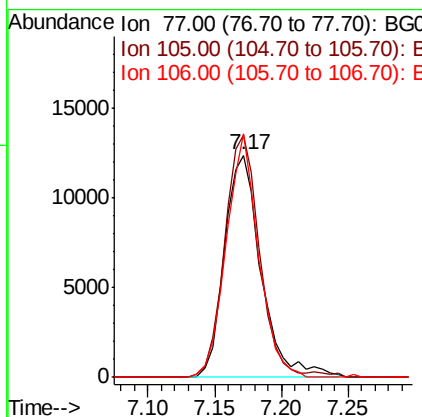
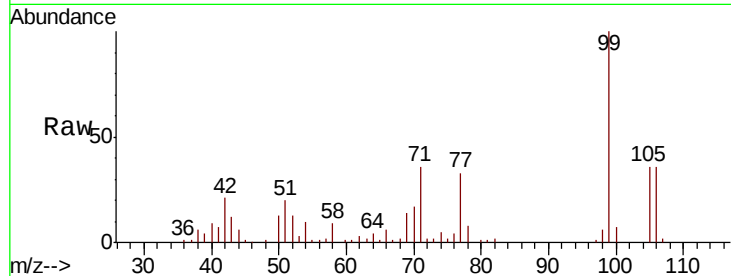
ClientSampleId :

OILY-STONESMSD

Tot Ion:	77	Resp:	23749
Ion	Ratio	Lower	Upper
77	100		
105	109.0	82.4	122.4
106	109.6	82.8	122.8

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#10

Phenol

Concen: 41.932 ng

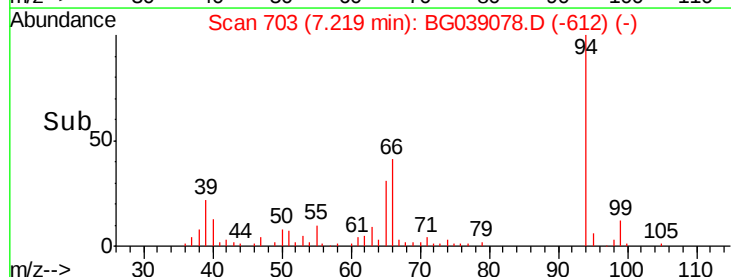
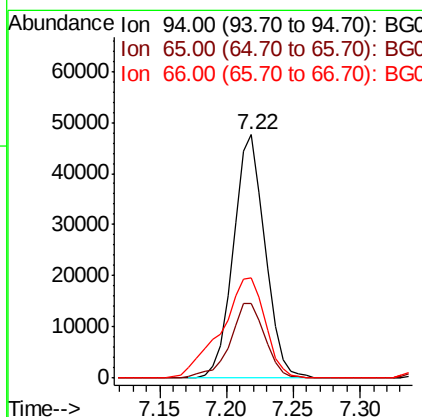
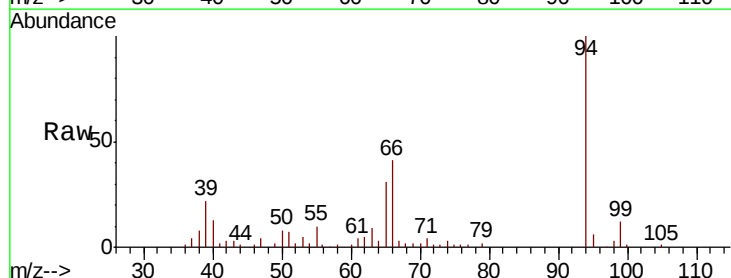
RT: 7.22 min Scan# 703

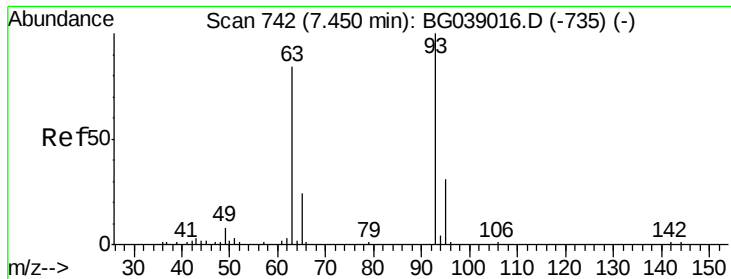
Delta R.T. 0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	94	Resp:	78350
Ion	Ratio	Lower	Upper
94	100		
65	30.7	10.3	50.3
66	41.4	25.1	65.1





#11

bis(2-Chloroethyl)ether

Concen: 41.338 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

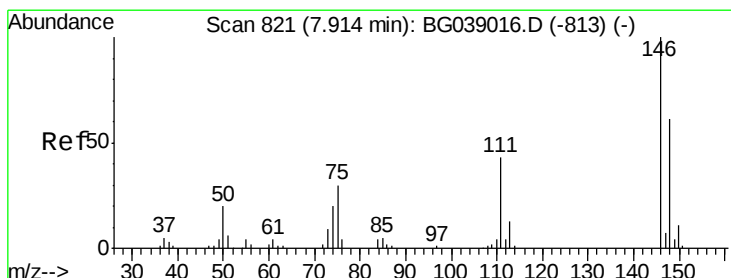
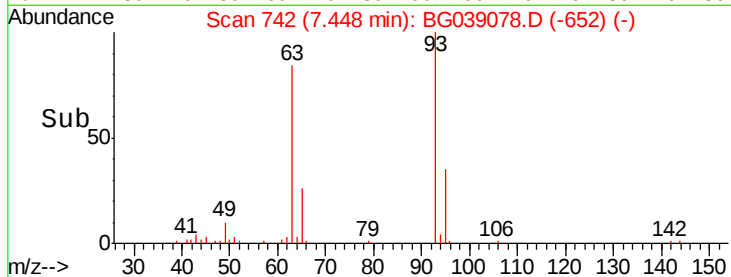
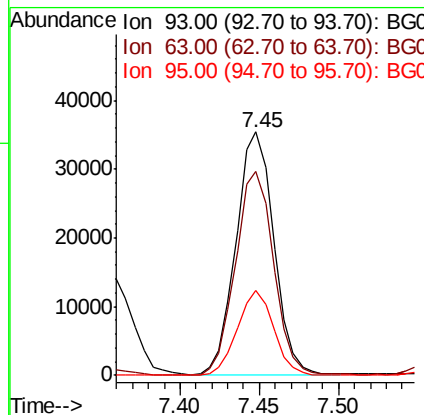
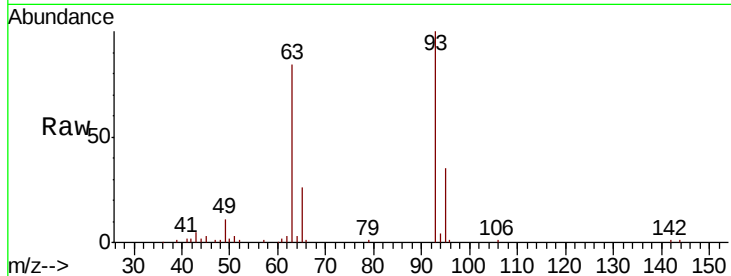
ClientSampleId :

OILY-STONESMSD

Tot Ion:	93	Resp:	59034
Ion Ratio	Lower	Upper	
93	100		
63	83.6	63.2	103.2
95	35.1	11.2	51.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.499 ng

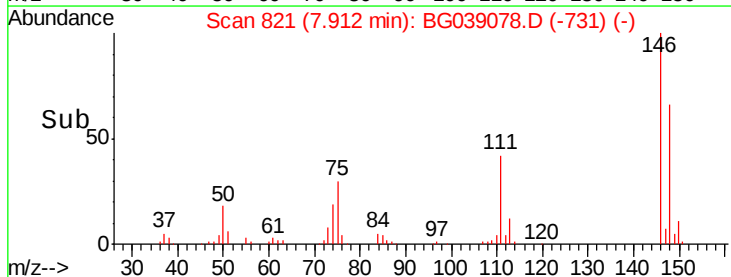
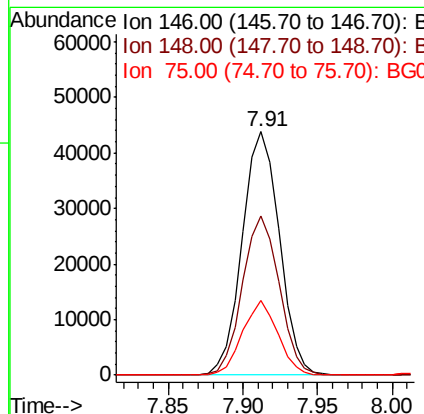
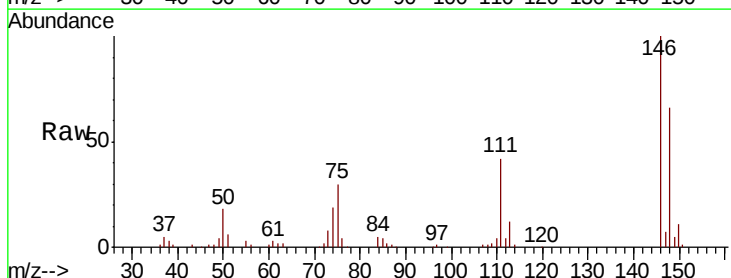
RT: 7.91 min Scan# 821

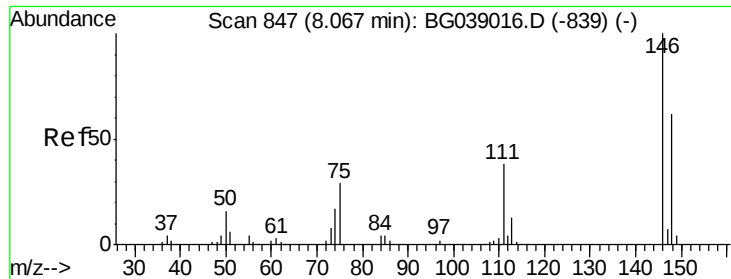
Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	146	Resp:	75901
Ion Ratio	Lower	Upper	
146	100		
148	65.6	49.1	73.7
75	30.4	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 41.814 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

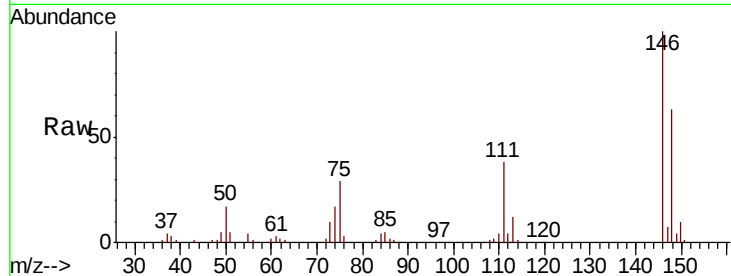
ClientSampleId :

OILY-STONESMSD

Tot Ion:	146	Resp:	77453
Ion Ratio	Lower	Upper	
146	100		
148	63.4	49.8	74.6
111	38.0	30.6	45.8

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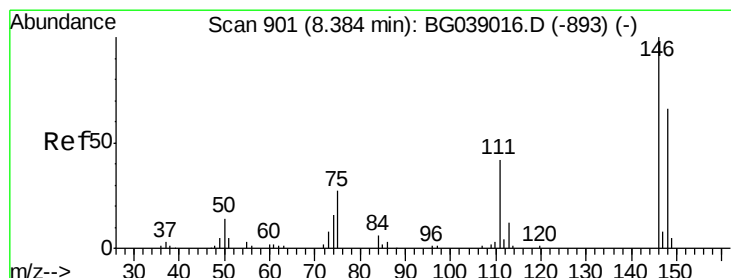
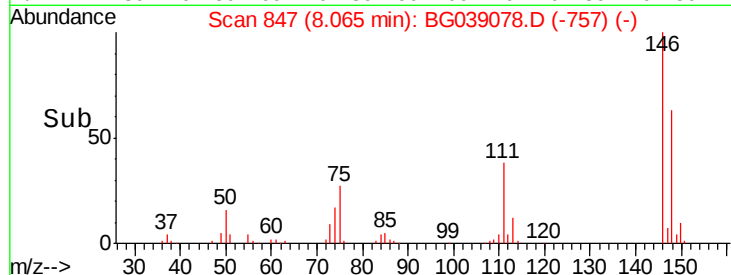
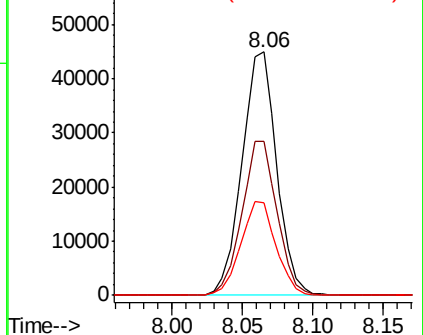


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.580 ng

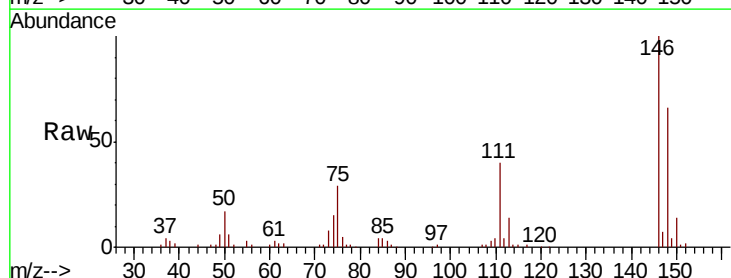
RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	146	Resp:	75202
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.6	79.0
111	40.4	34.6	51.8

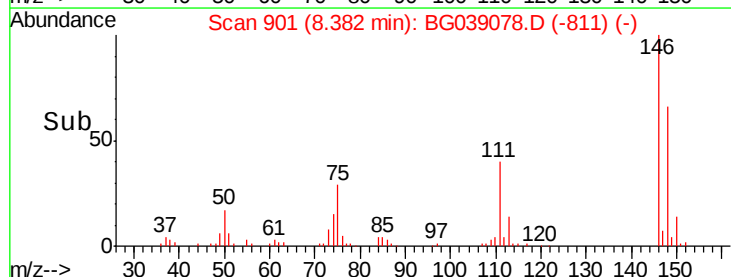
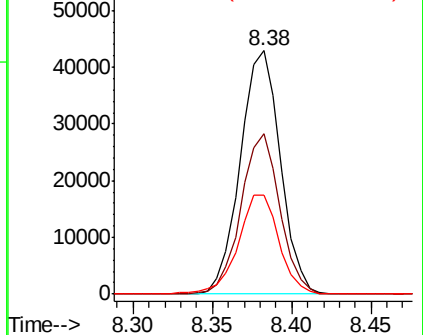


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.587 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

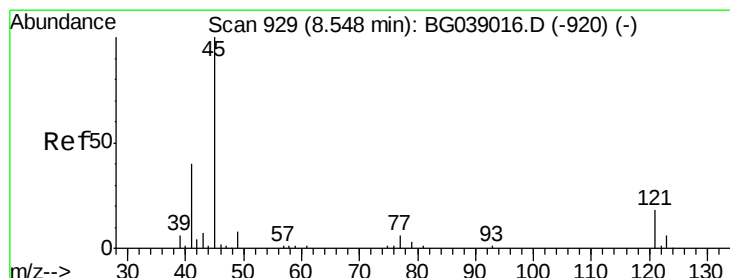
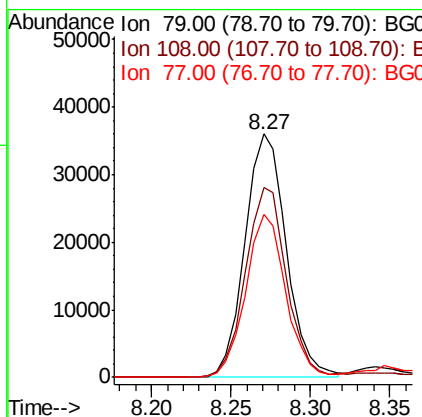
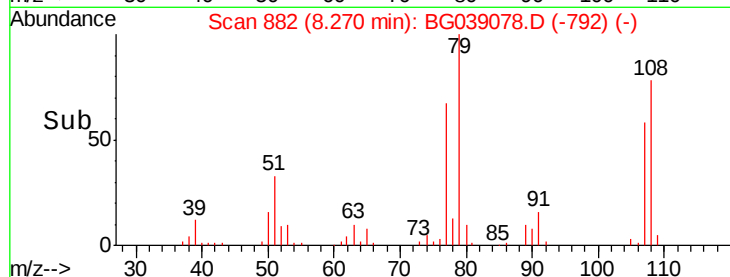
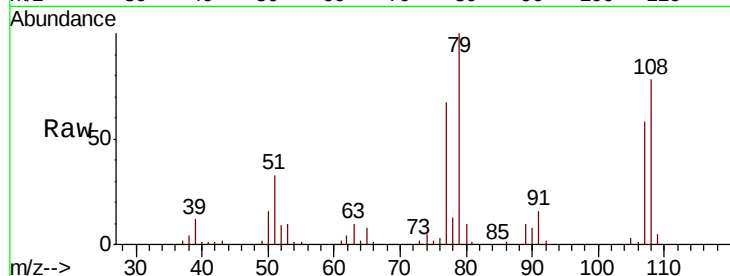
ClientSampleId :

OILY-STONESMSD

Tot Ion:	79	Resp:	65385
Ion Ratio	Lower	Upper	
79	100		
108	78.2	62.0	93.0
77	66.8	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.928 ng

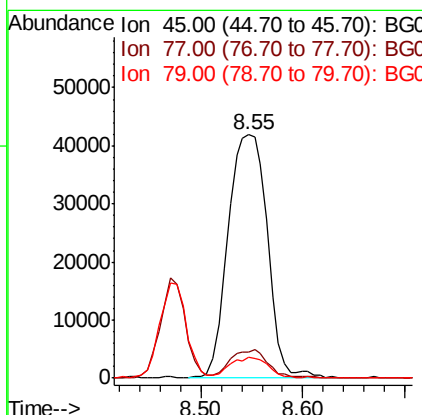
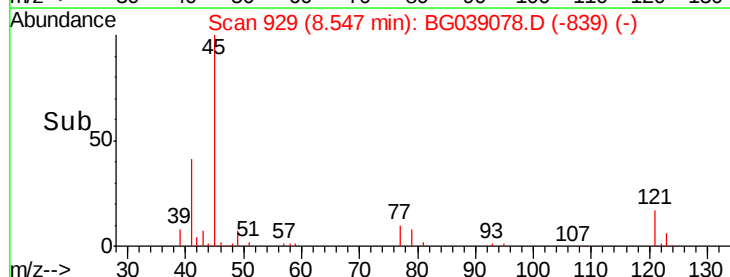
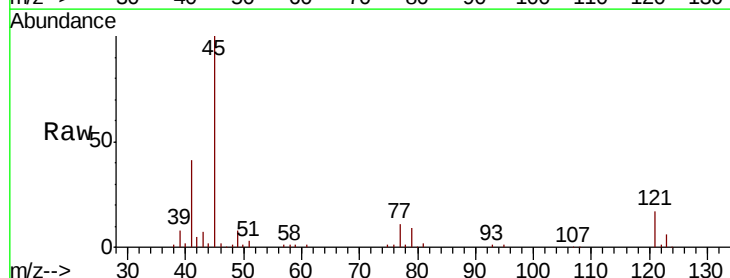
RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	45	Resp:	112076
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.7
79	8.6	0.0	28.5





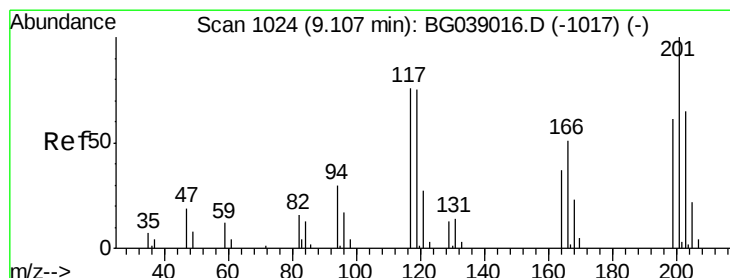
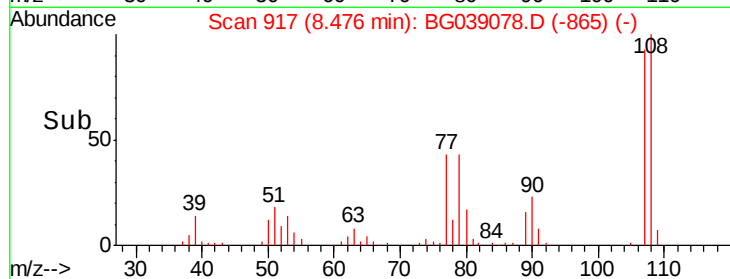
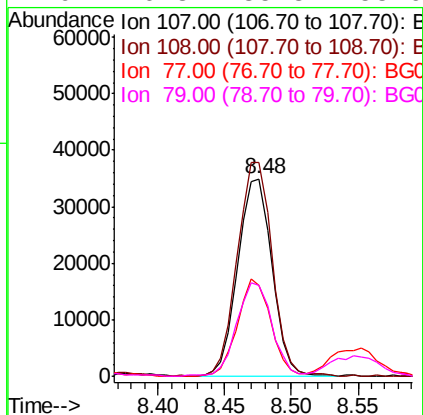
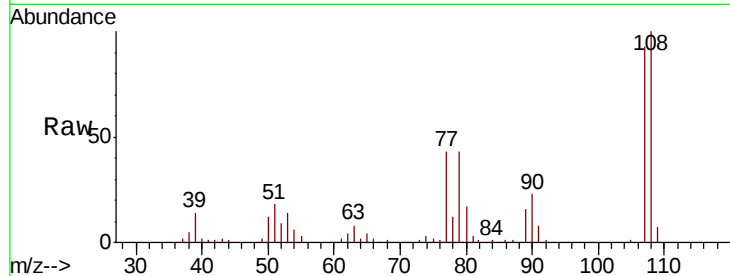
#17
2-Methylphenol
Concen: 48.024 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	62307		
108	108.1	90.3	135.5	
77	46.2	38.3	57.5	
79	46.3	35.8	53.6	

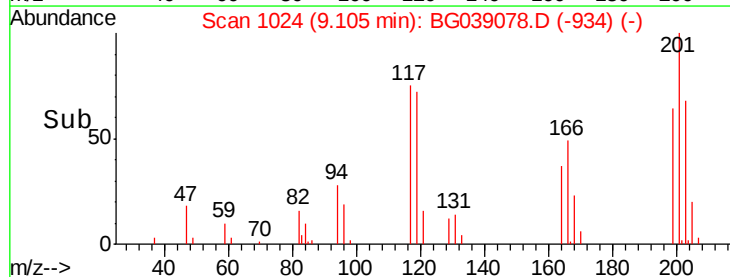
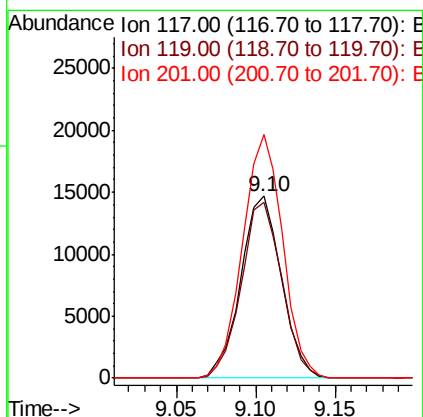
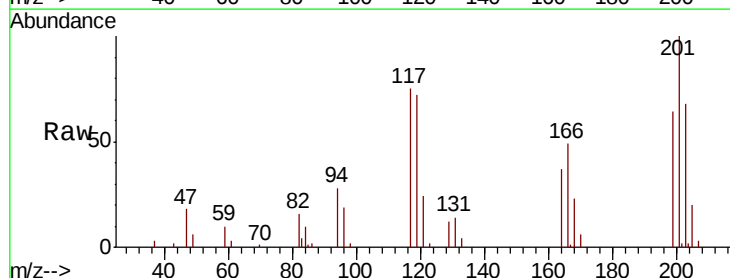
Manual Integrations
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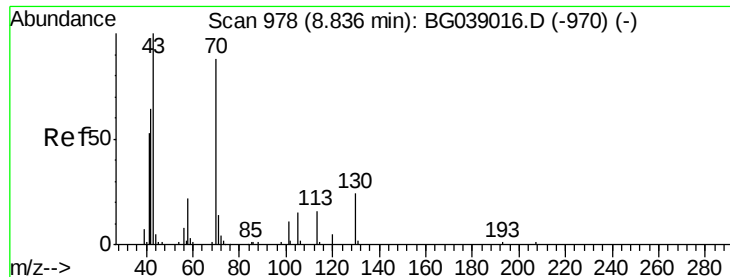
Sohil
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#18
Hexachloroethane
Concen: 41.651 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26211		
119	96.7	78.7	118.1	
201	137.3	108.1	162.1	





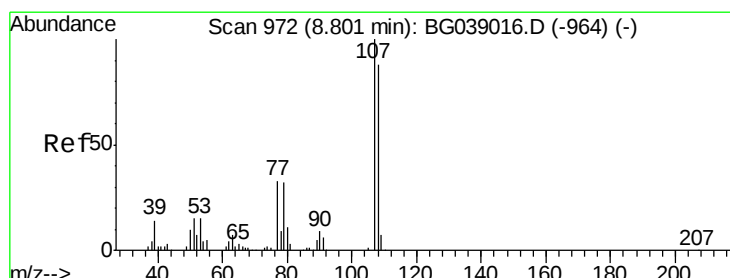
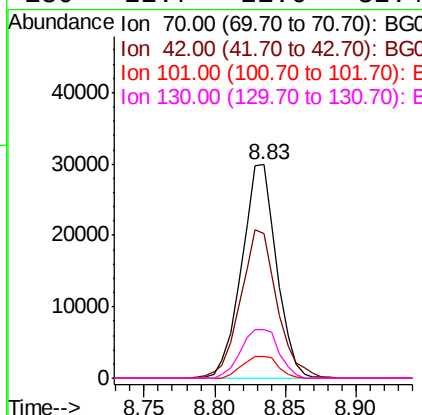
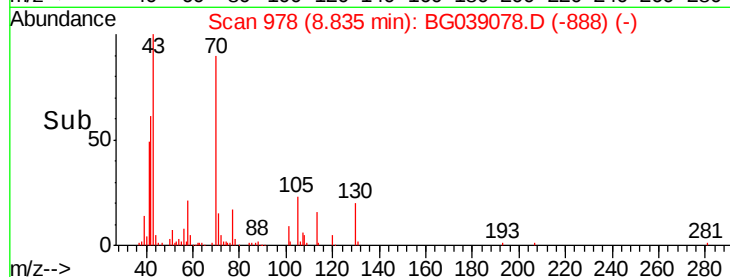
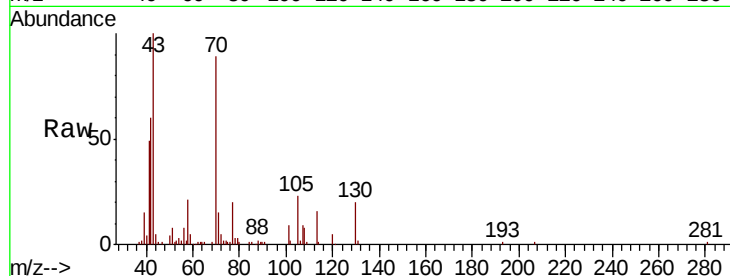
#19
n-Nitroso-di-n-propylamine
Concen: 42.270 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion:	70	Resp:	51731
Ion Ratio	Lower	Upper	
70	100		
42	67.9	59.0	88.4
101	10.5	10.4	15.6
130	22.7	21.6	32.4

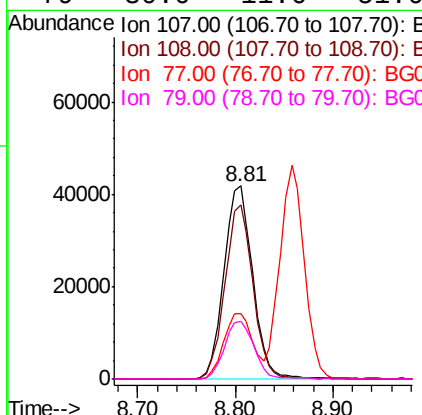
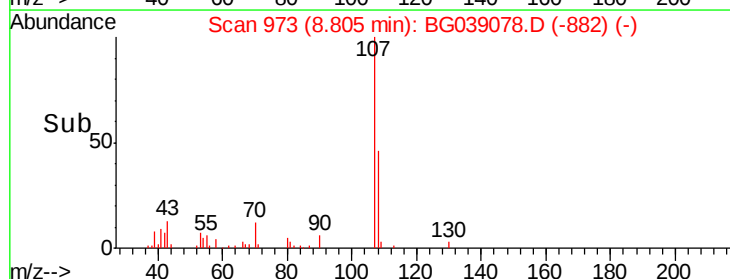
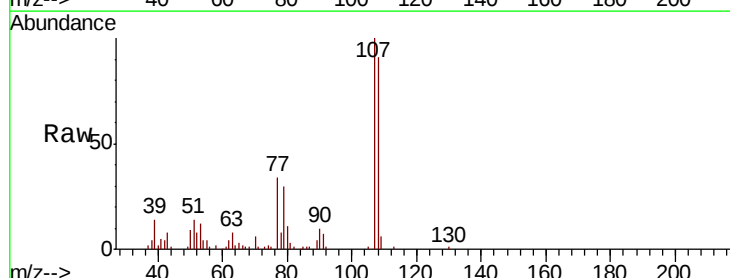
Manual Integrations
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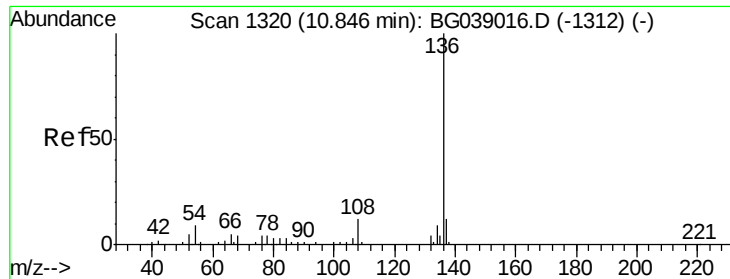
Sohil
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#20
3+4-Methylphenols
Concen: 46.061 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion:	107	Resp:	85204
Ion Ratio	Lower	Upper	
107	100		
108	90.6	68.4	108.4
77	33.9	13.3	53.3
79	30.0	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: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

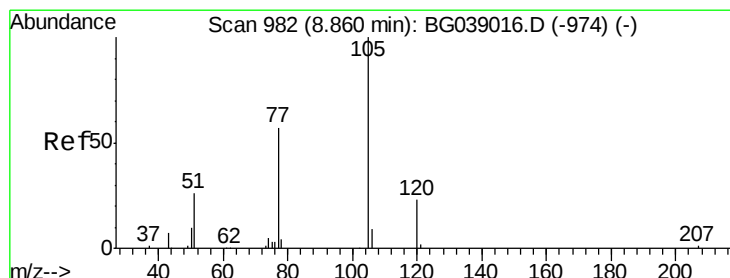
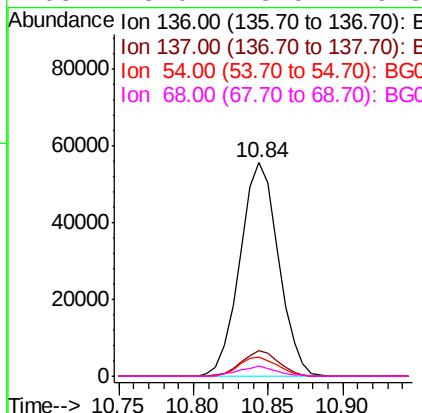
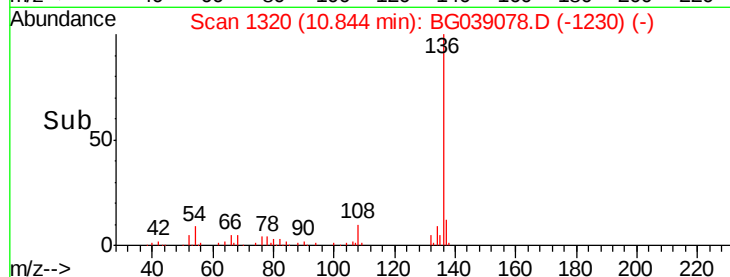
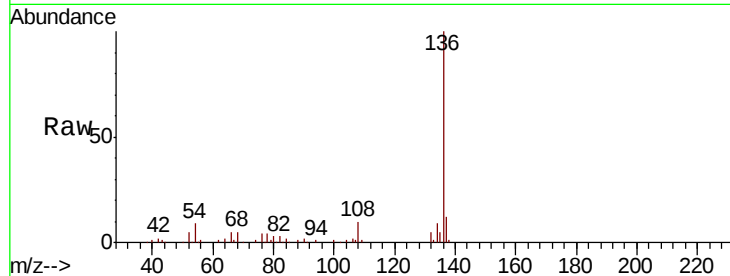
ClientSampleId :

OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	99248		
137	12.1		9.4	14.2
54	9.0		7.2	10.8
68	5.0		3.5	5.3

Manual Integrations
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#22

Acetophenone

Concen: 40.861 ng

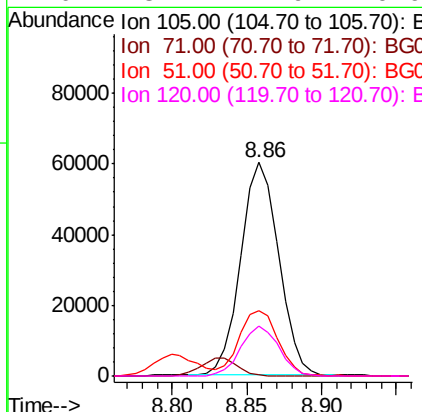
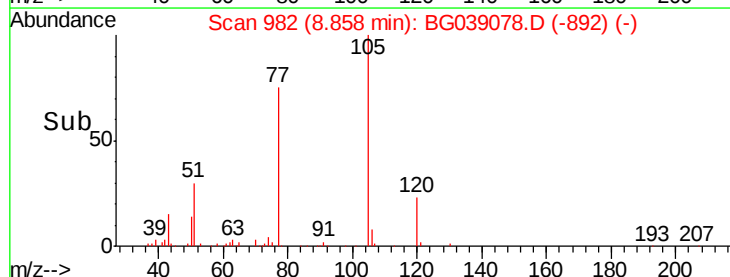
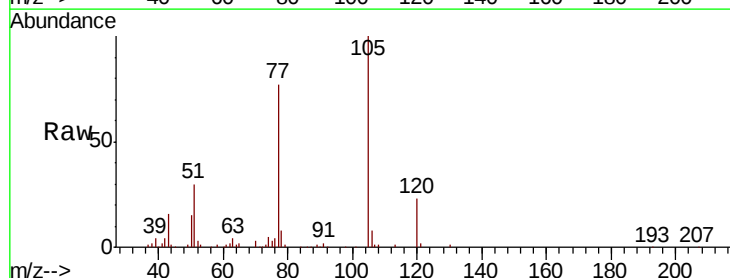
RT: 8.86 min Scan# 982

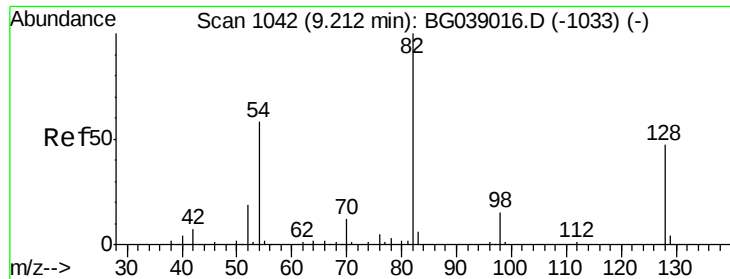
Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	105906		
71	0.5		0.6	1.0#
51	30.4		26.6	39.8
120	23.1		17.9	26.9





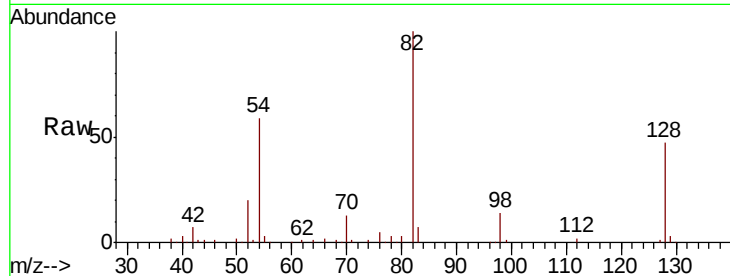
#23
Nitrobenzene-d5
Concen: 82.014 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.3	55.9
54	58.6	46.4	69.6

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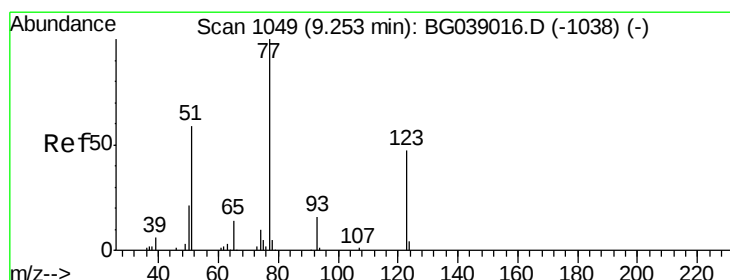
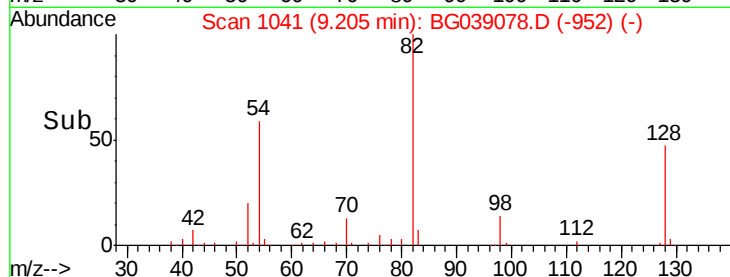
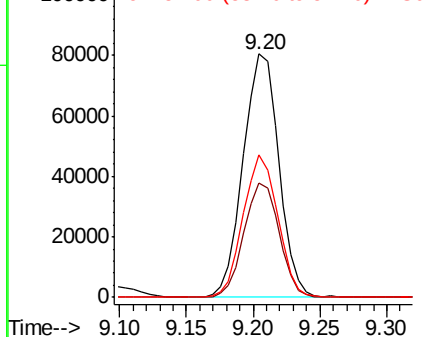


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 43.869 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

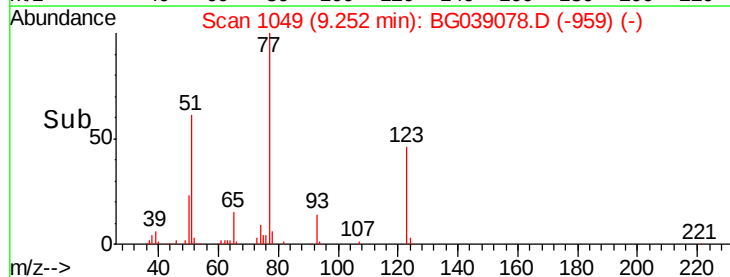
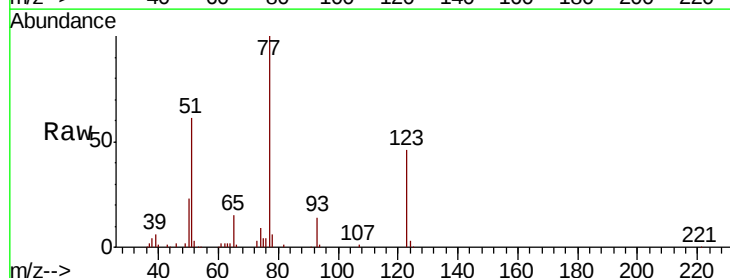
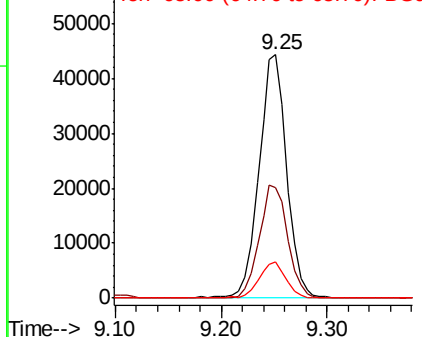
Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.6	56.4
65	14.6	11.0	16.6

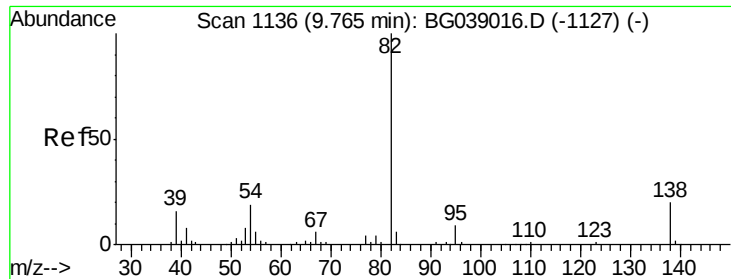
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 48.205 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

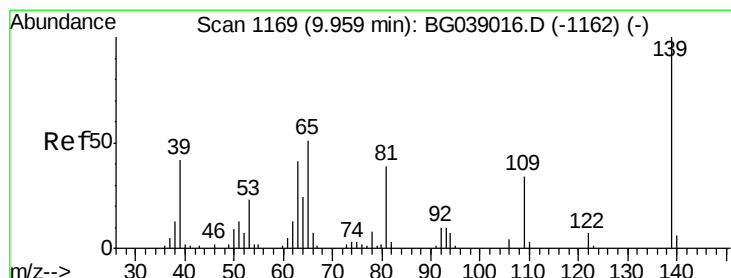
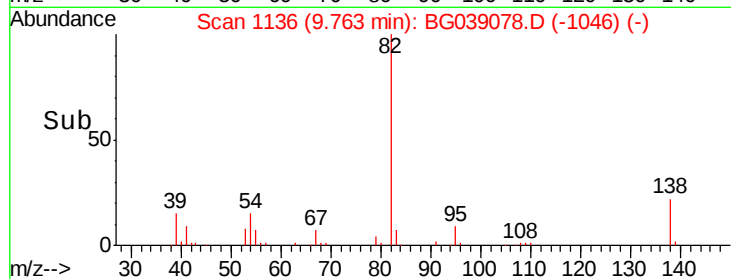
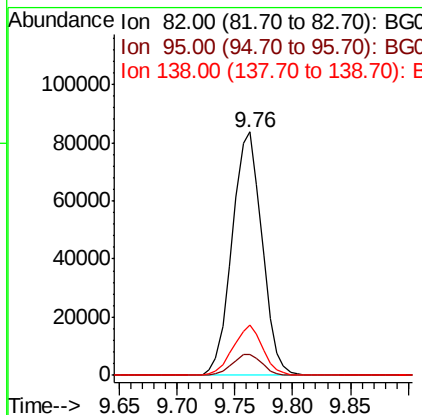
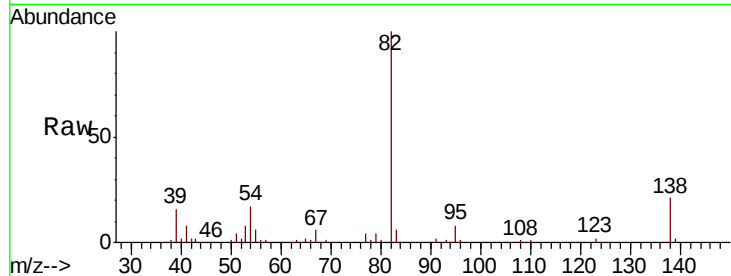
ClientSampleId :

OILY-STONESMSD

Tot Ion:	82	Resp:	150607
Ion Ratio	Lower	Upper	
82	100		
95	8.3	7.0	10.6
138	20.8	16.2	24.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.371 ng

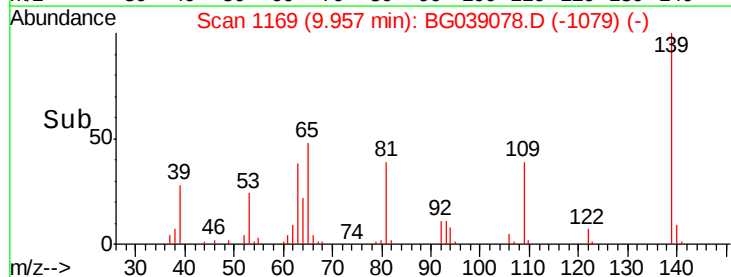
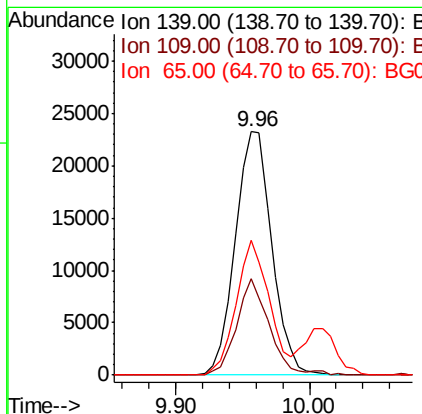
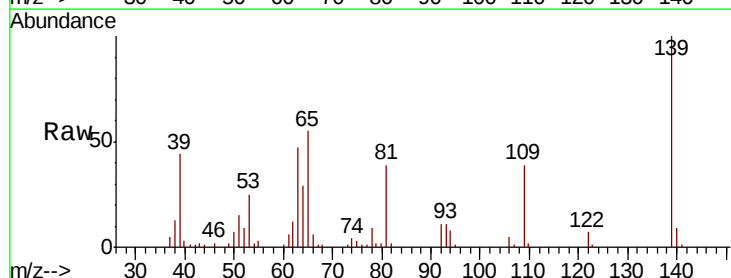
RT: 9.96 min Scan# 1169

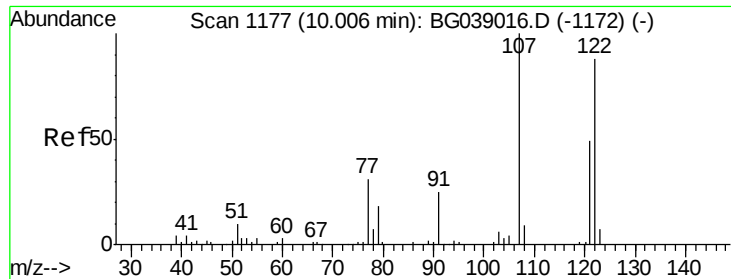
Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	139	Resp:	43999
Ion Ratio	Lower	Upper	
139	100		
109	39.4	27.3	40.9
65	55.3	40.6	61.0





#27

2,4-Dimethylphenol

Concen: 52.721 ng

RT: 10.01 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

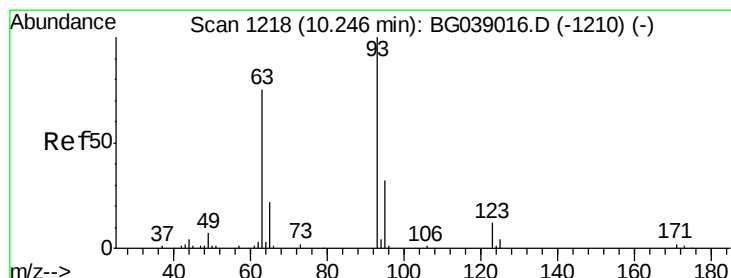
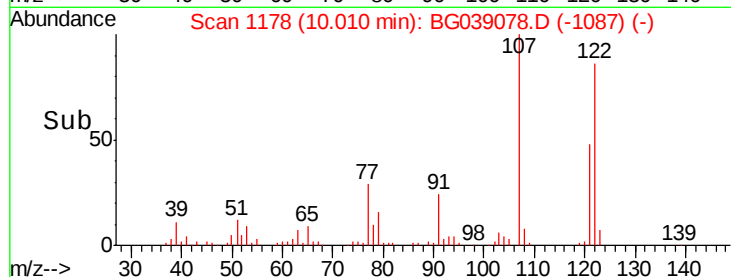
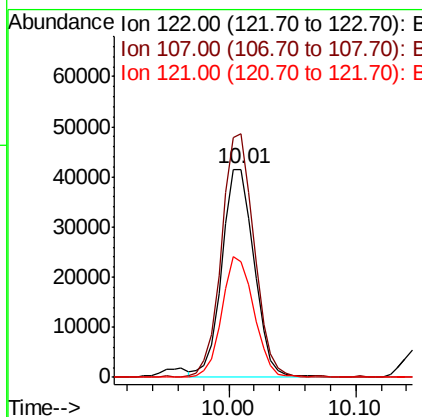
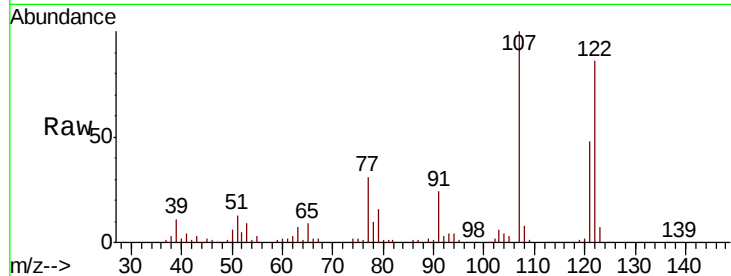
ClientSampleId :

OILY-STONESMSD

Tot Ion:	122	Resp:	73550
Ion Ratio	Lower	Upper	
122	100		
107	116.8	88.8	133.2
121	55.8	43.1	64.7

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 44.965 ng

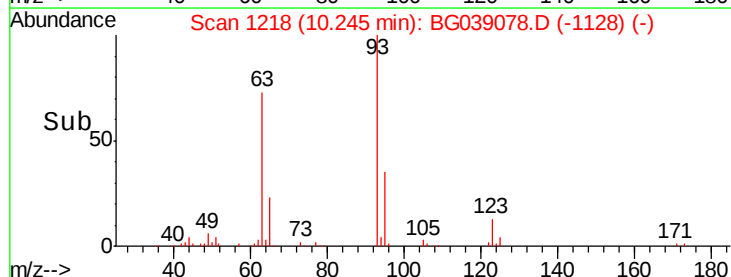
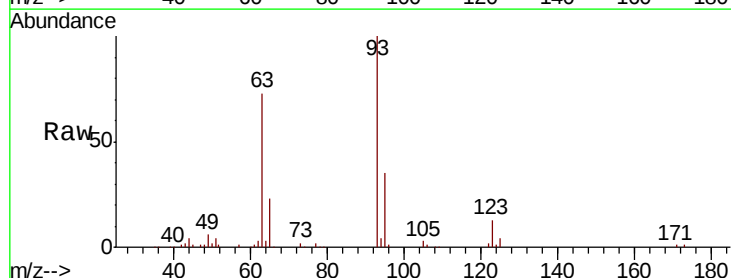
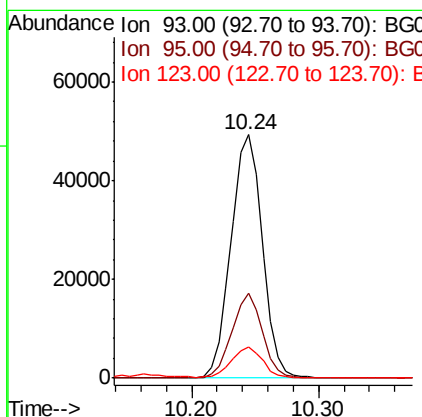
RT: 10.24 min Scan# 1218

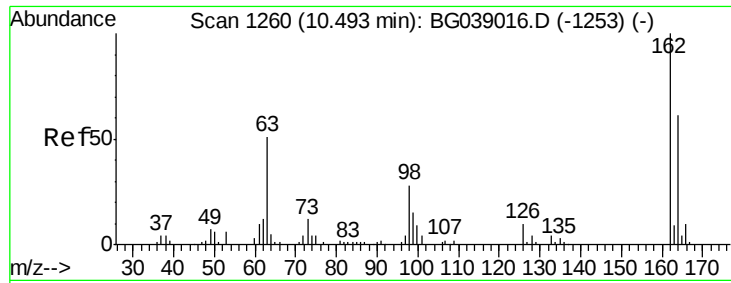
Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	93	Resp:	84432
Ion Ratio	Lower	Upper	
93	100		
95	34.8	25.6	38.4
123	12.7	10.1	15.1





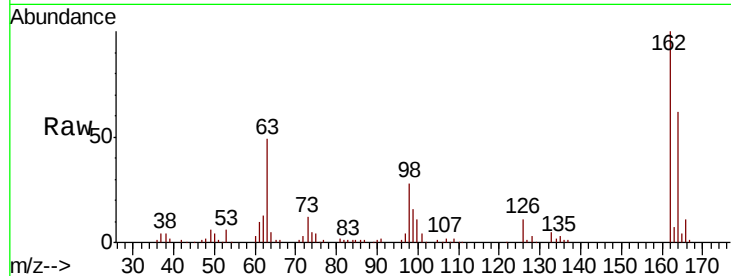
#29
 2,4-Dichlorophenol
 Concen: 49.006 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039078.D
 Acq: 11 Jan 2019 7:44

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.9	41.3	81.3
98	28.5	8.3	48.3

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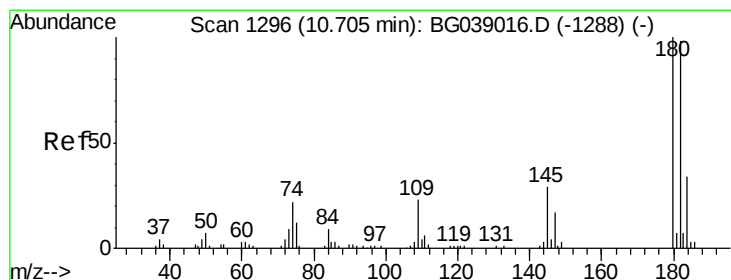
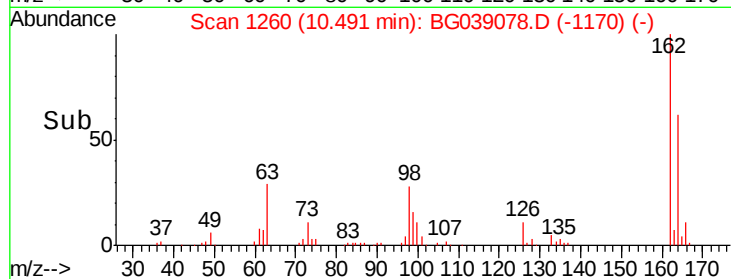
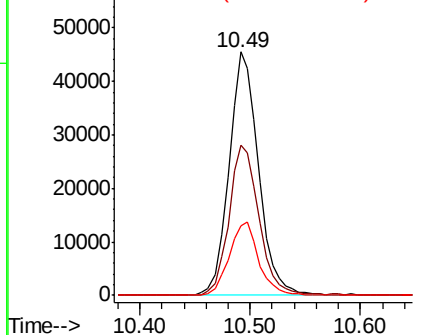


Abundance

Ion 162.00 (161.70 to 162.70): E

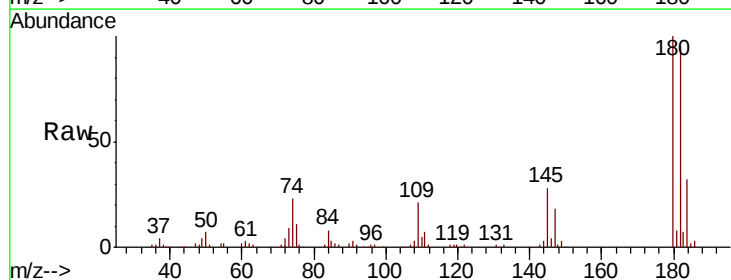
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 42.384 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039078.D
 Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	78.1	117.1
145	28.4	23.1	34.7

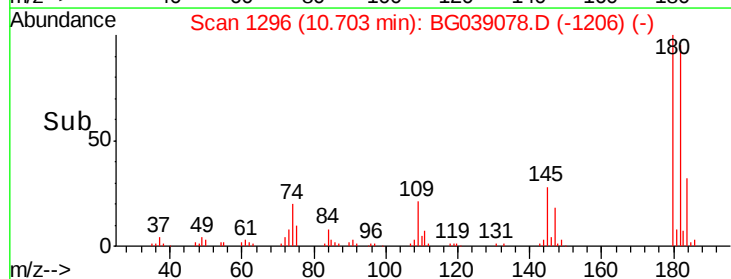
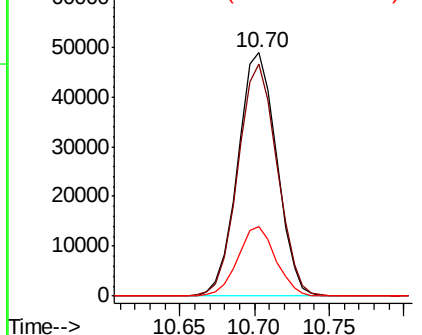


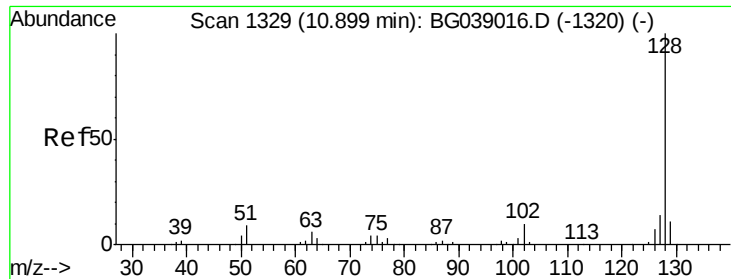
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





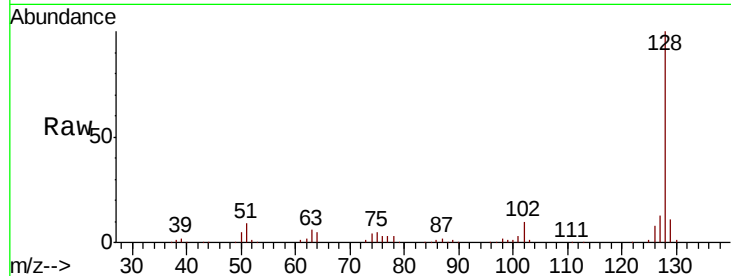
#31
Naphthalene
Concen: 47.312 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	12.9	11.2	16.8

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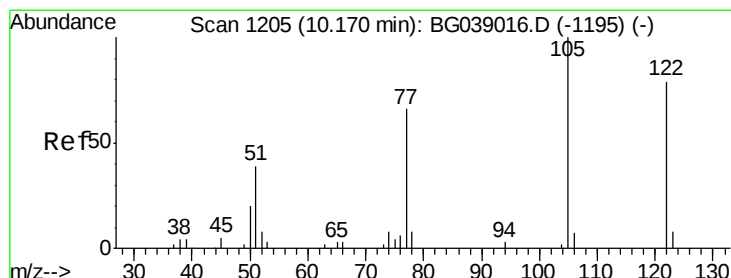
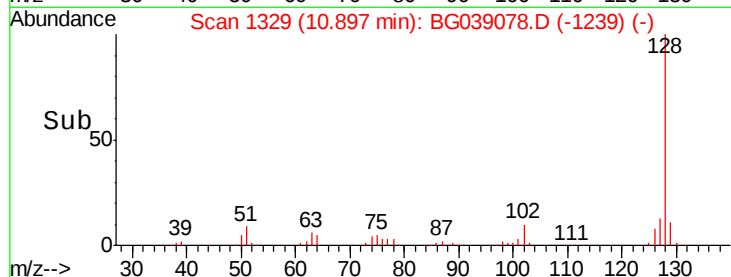
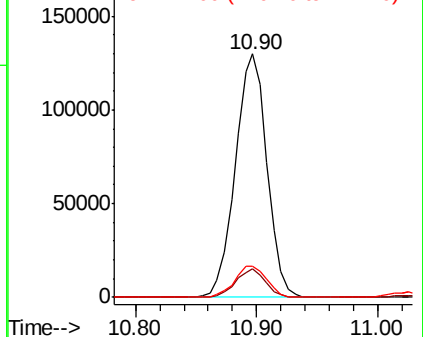


Abundance

Ion 128.00 (127.70 to 128.70): E

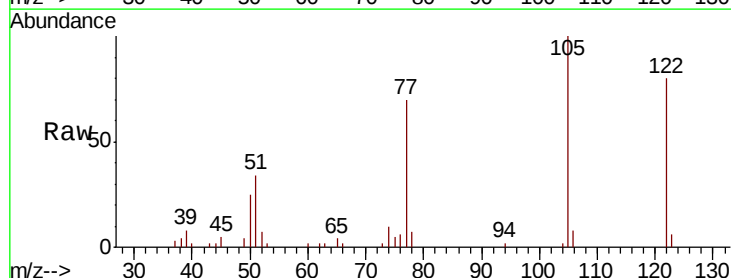
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.275 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	106.4	146.4
77	87.9	63.6	103.6

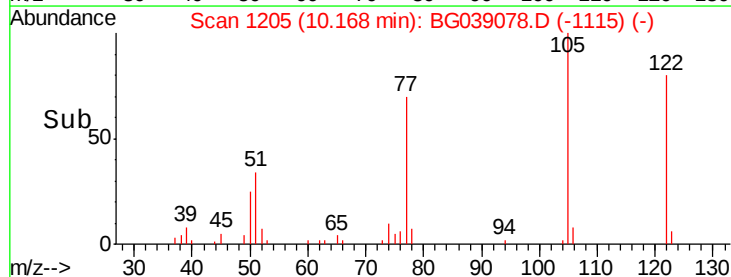
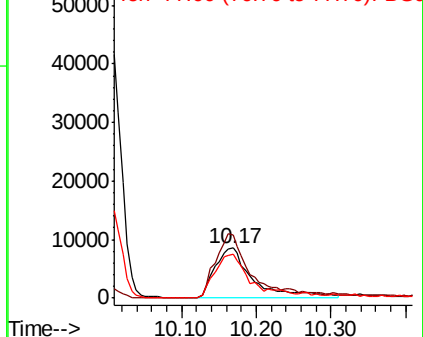


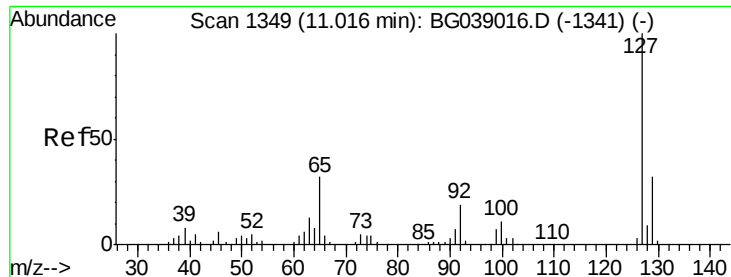
Abundance

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): BGO





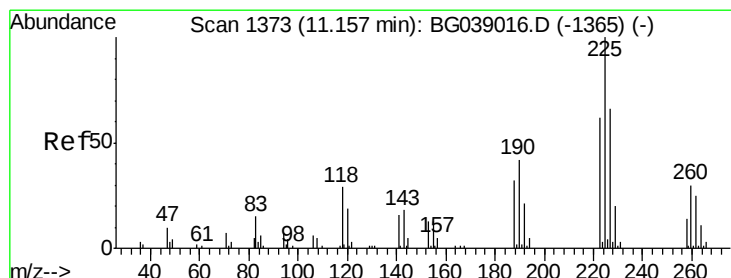
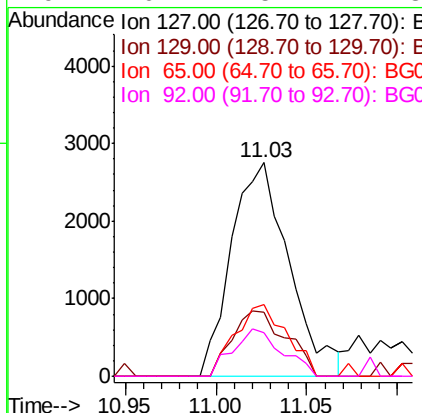
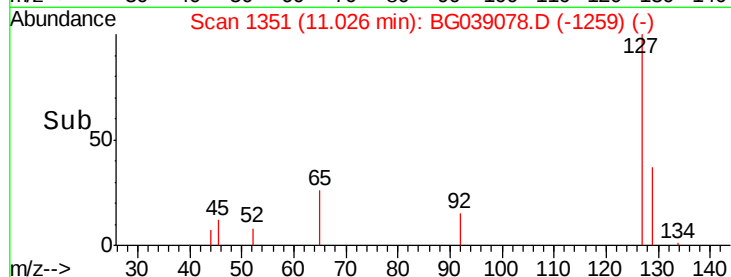
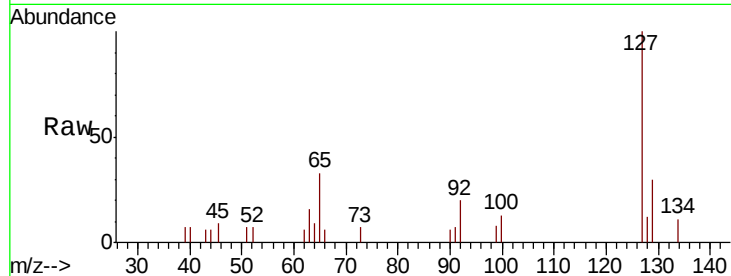
#33
4-Chloroaniline
Concen: 2.732 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		6085		
129	30.1	25.4	38.0		
65	33.3	25.4	38.0		
92	20.2	15.2	22.8		

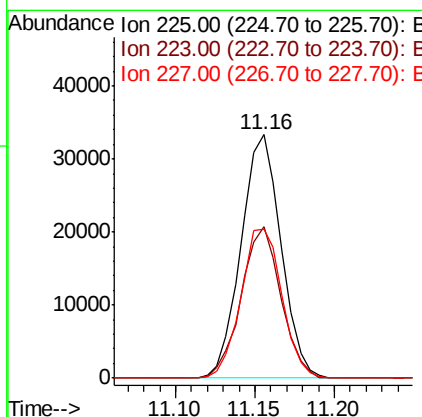
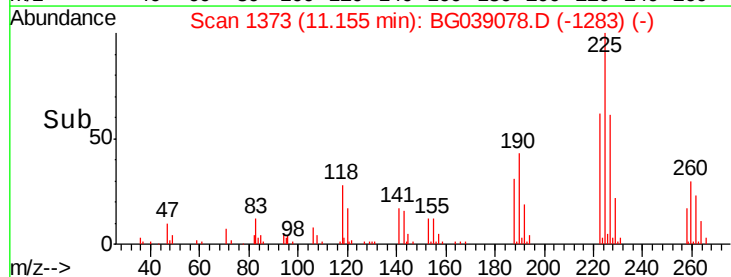
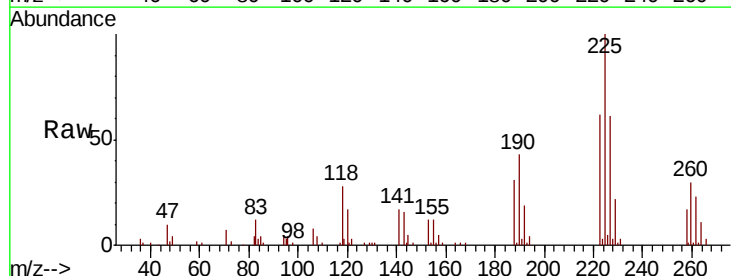
Manual Integrations
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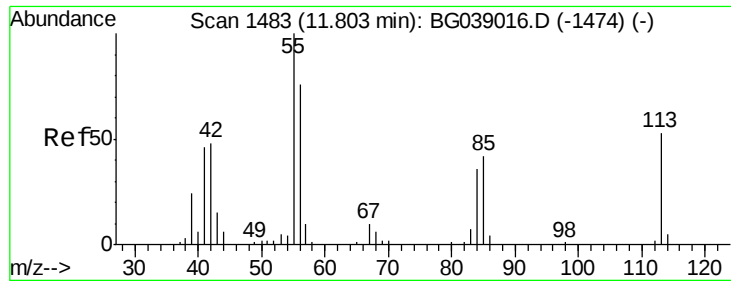
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#34
Hexachlorobutadiene
Concen: 40.666 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		58270		
223	59.4	50.2	75.4		
227	61.4	53.2	79.8		





#35

Caprolactam

Concen: 30.592 ng/mL

RT: 11.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

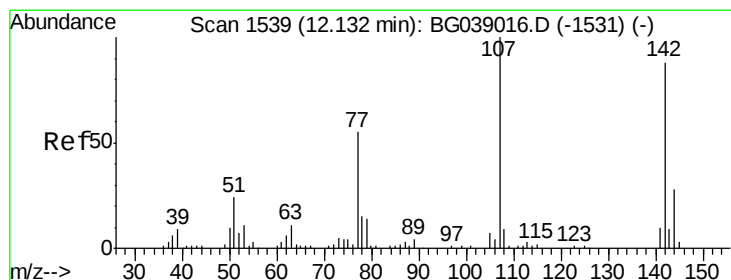
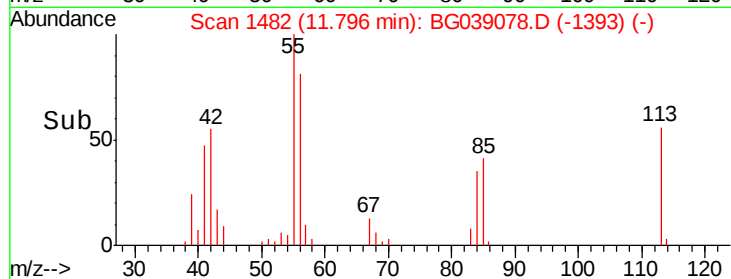
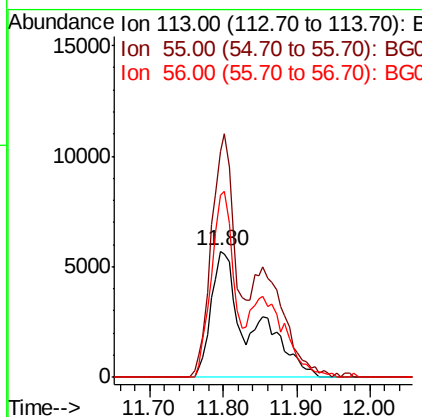
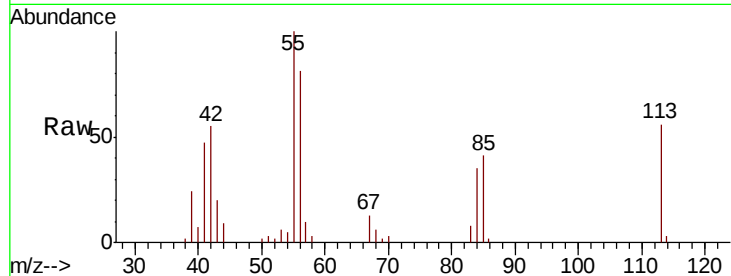
ClientSampleId :

OILY-STONESMSD

Tot Ion:	113	Resp:	21261
Ion Ratio	Lower	Upper	
113	100		
55	179.6	168.6	208.6
56	144.6	123.2	163.2

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.826 ng/mL

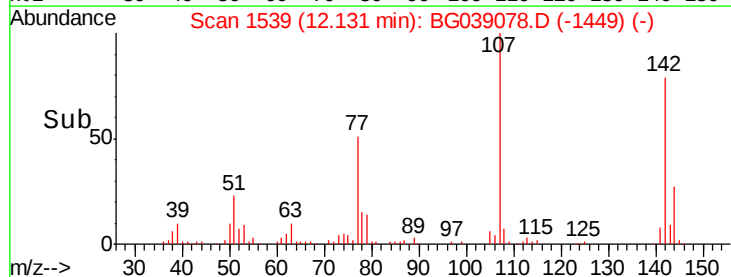
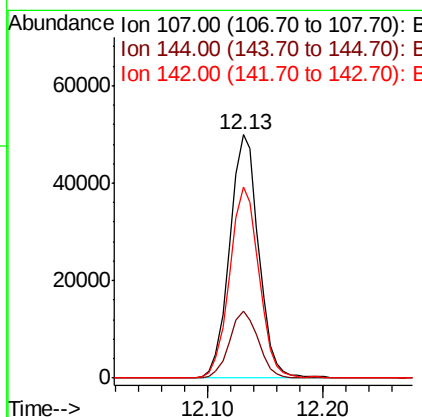
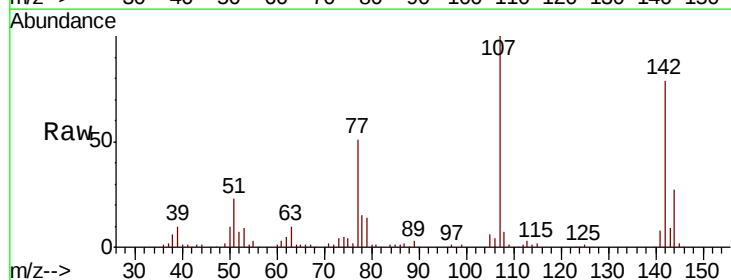
RT: 12.13 min Scan# 1539

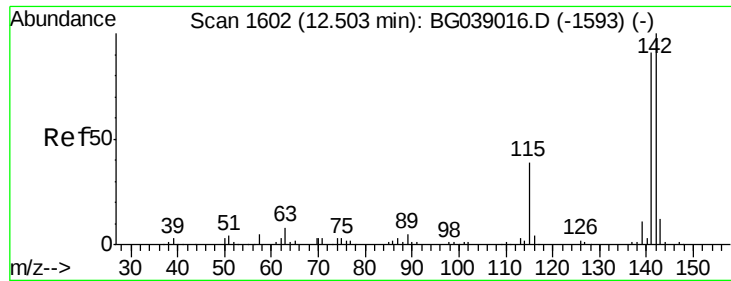
Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	107	Resp:	86802
Ion Ratio	Lower	Upper	
107	100		
144	27.3	22.6	34.0
142	78.7	70.2	105.4





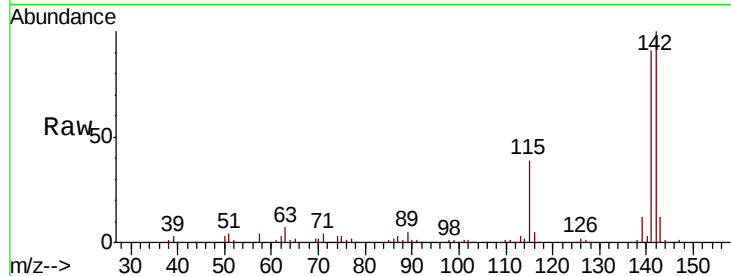
#37
2-Methylnaphthalene
Concen: 47.717 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	109.0
115	38.6	31.1	46.7

Manual Integrations
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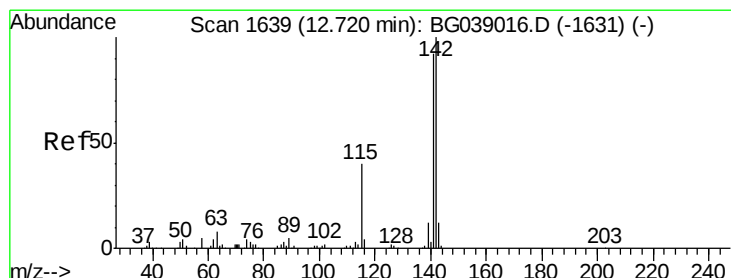
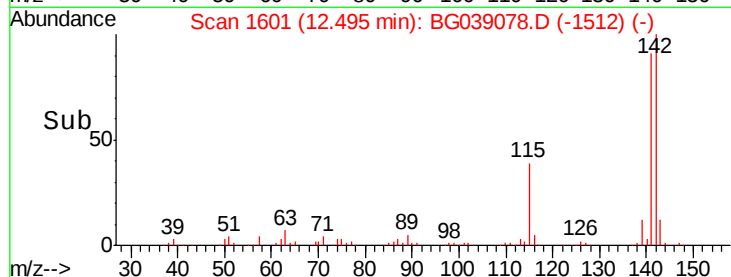
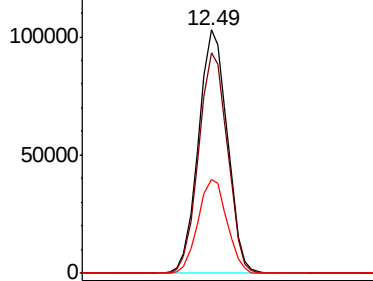


Abundance

Ion 142.00 (141.70 to 142.70): E

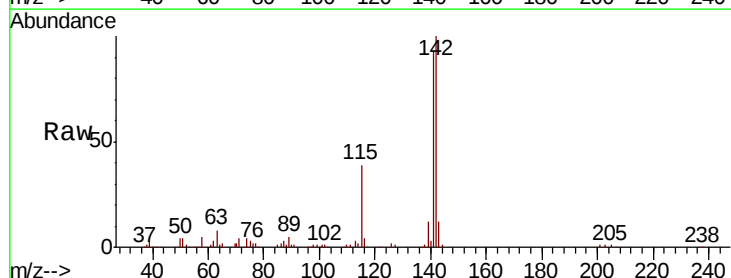
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.621 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.3	109.9
116	4.5	3.1	4.7

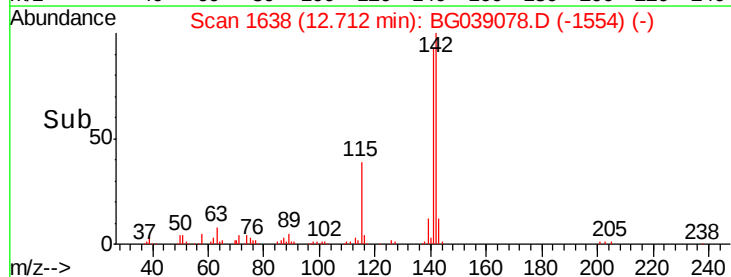
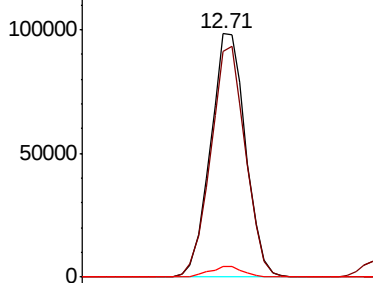


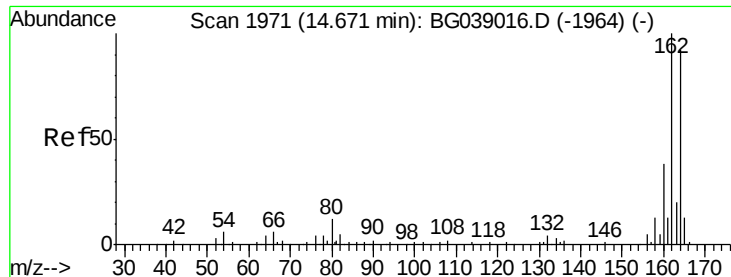
Abundance

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: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

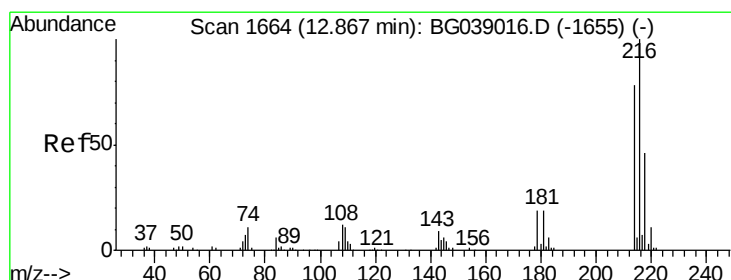
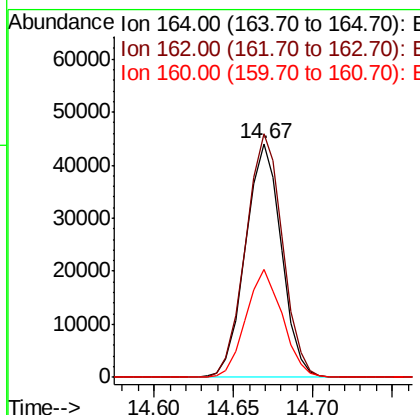
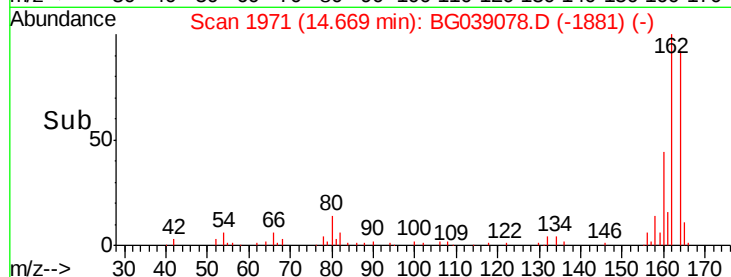
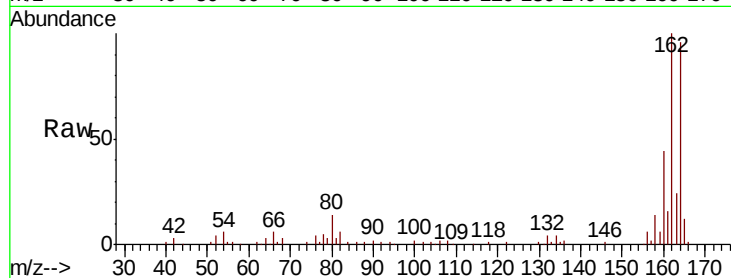
ClientSampleId :

OILY-STONESMSD

Tot Ion:	164	Resp:	69175
Ion Ratio	Lower	Upper	
164	100		
162	104.2	87.2	130.8
160	46.2	33.3	49.9

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.418 ng

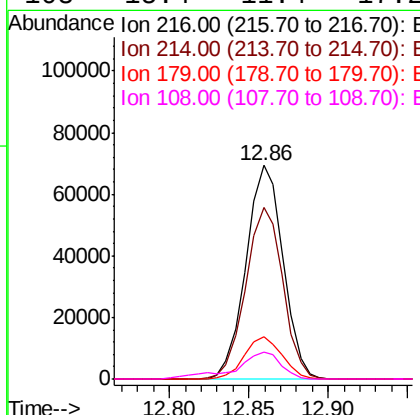
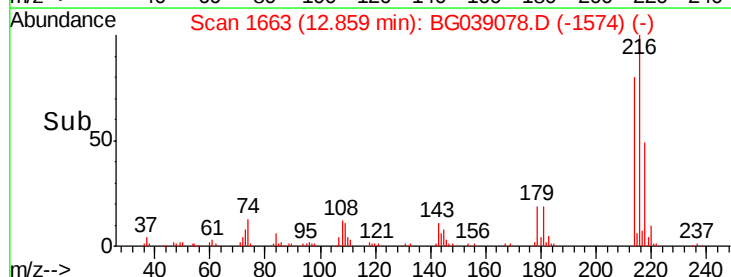
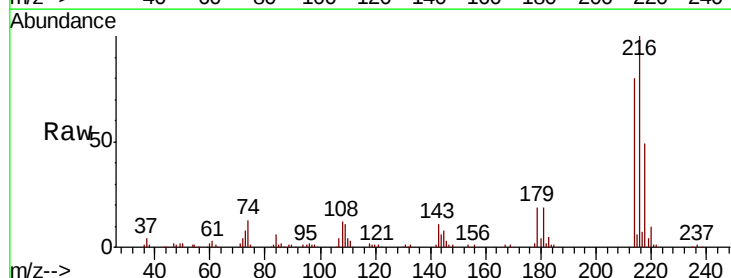
RT: 12.86 min Scan# 1663

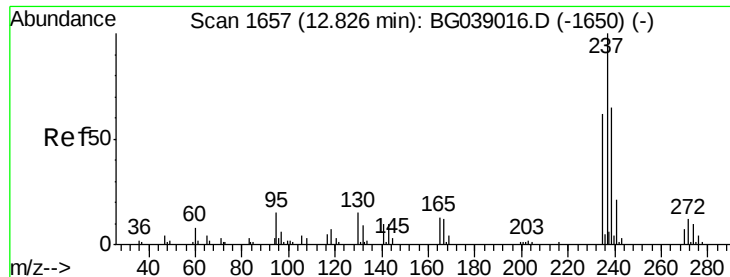
Delta R.T. -0.01 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	216	Resp:	112796
Ion Ratio	Lower	Upper	
216	100		
214	80.1	63.4	95.2
179	19.7	15.5	23.3
108	15.4	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 85.285 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

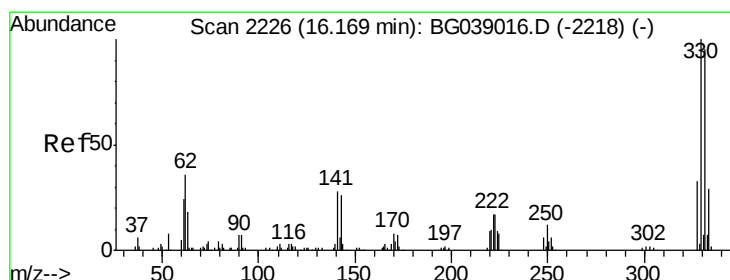
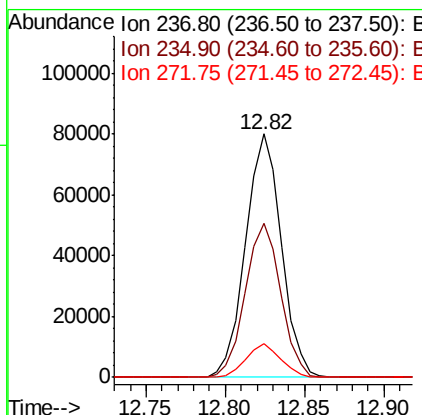
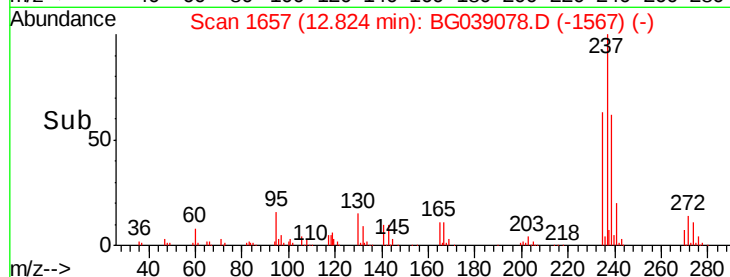
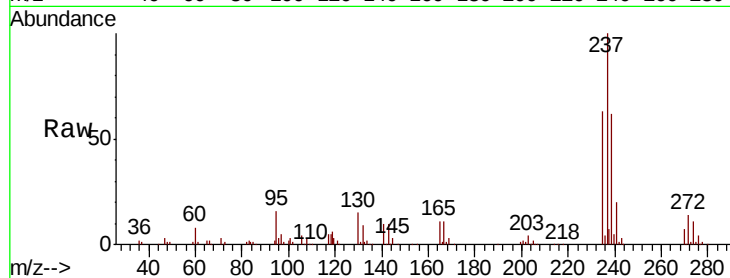
ClientSampleId :

OILY-STONESMSD

Tot Ion:	237	Resp:	125383
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.7	81.7
272	13.7	0.0	32.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 130.187 ng

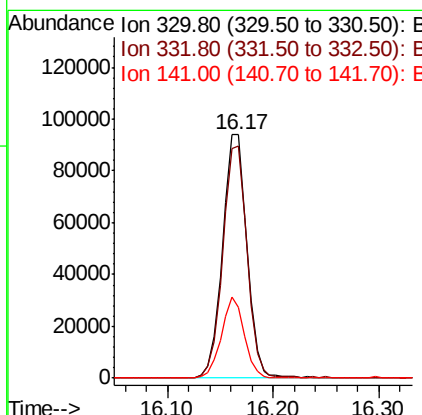
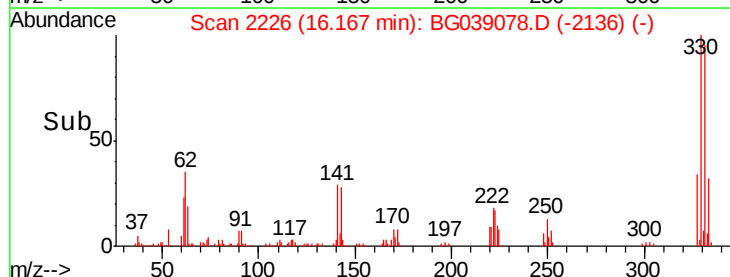
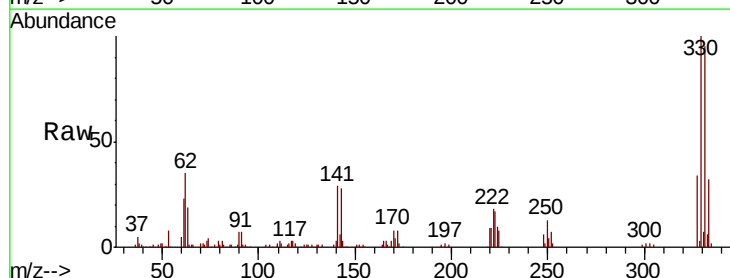
RT: 16.17 min Scan# 2226

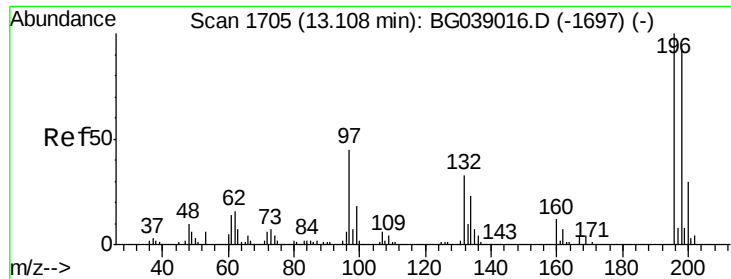
Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	330	Resp:	150960
Ion Ratio	Lower	Upper	
330	100		
332	94.6	75.7	113.5
141	31.3	24.9	37.3





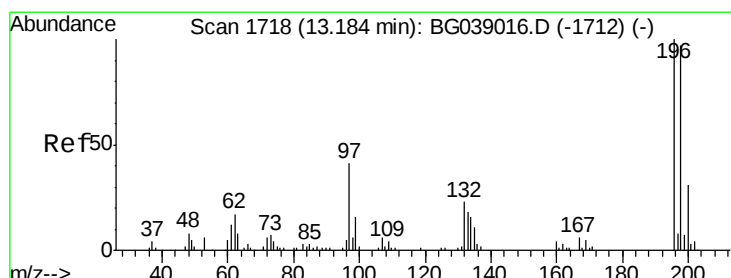
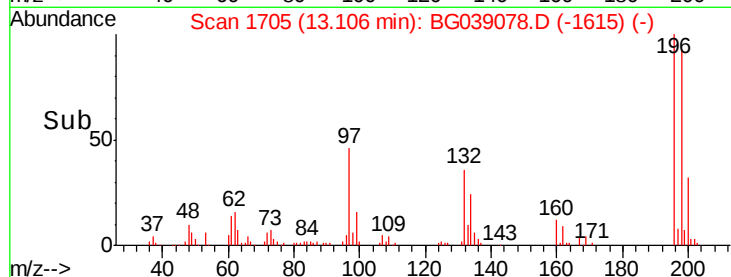
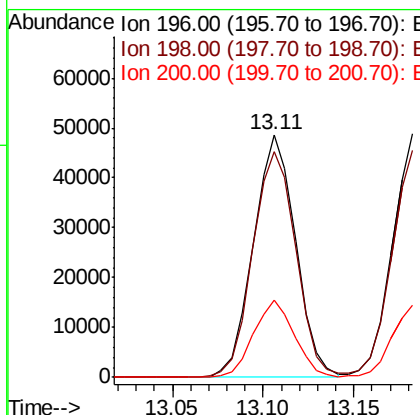
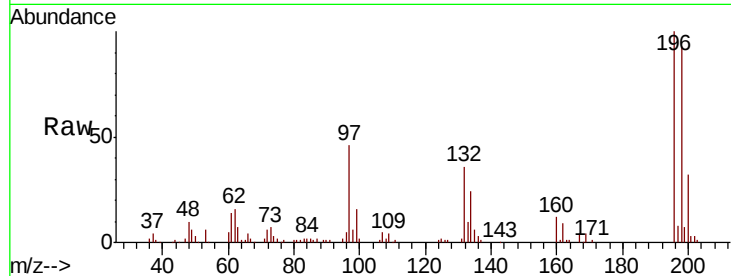
#43
 2,4,6-Trichlorophenol
 Concen: 48.084 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039078.D
 Acq: 11 Jan 2019 7:44

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	78621		
198	93.2	74.5	111.7	
200	31.8	23.8	35.6	

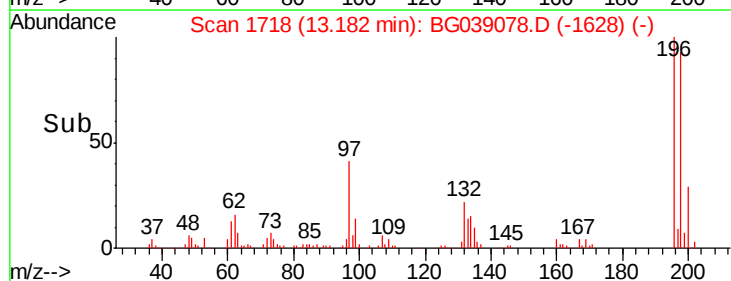
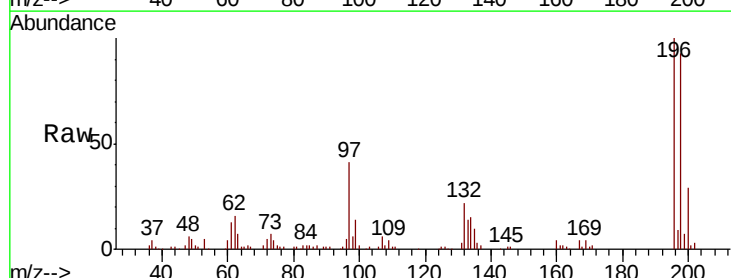
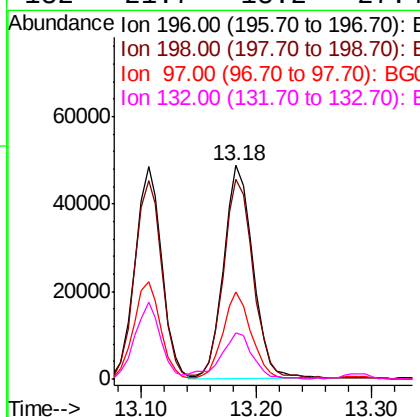
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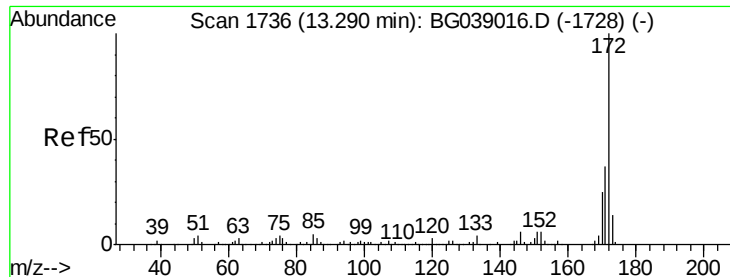
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#44
 2,4,5-Trichlorophenol
 Concen: 49.418 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039078.D
 Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	85401		
198	93.2	78.1	117.1	
97	40.5	33.2	49.8	
132	21.7	18.2	27.4	





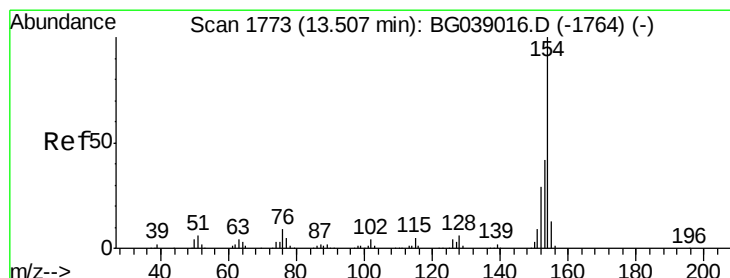
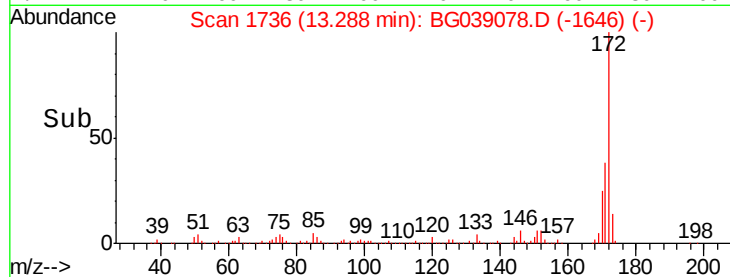
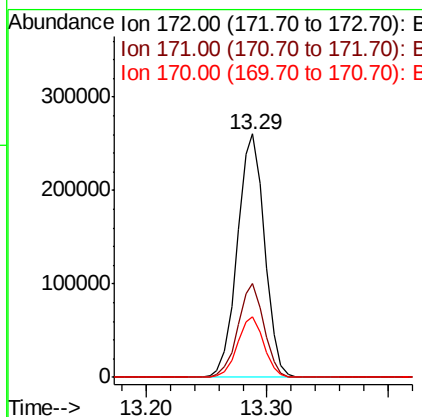
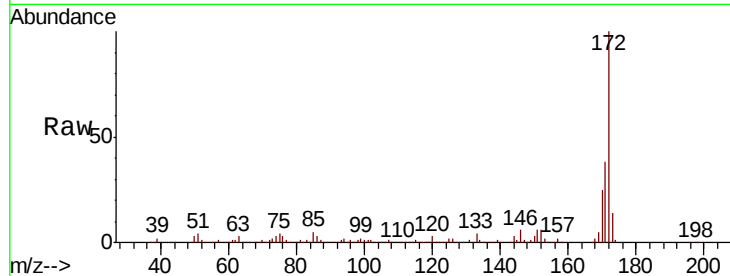
#45
2-Fluorobiphenyl
Concen: 80.865 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.0
170	25.0	20.1	30.1

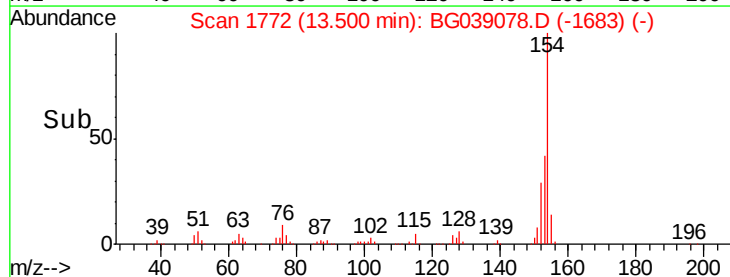
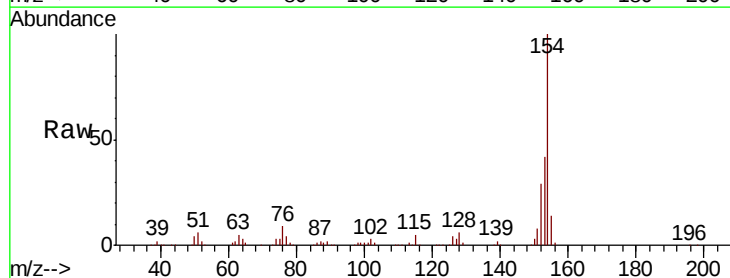
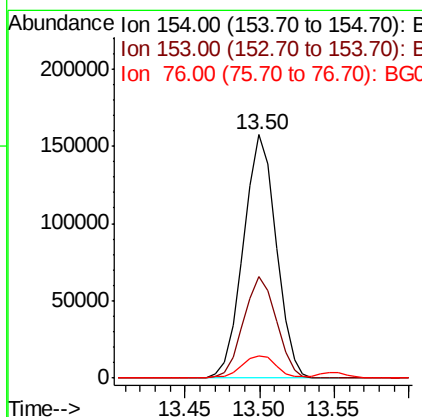
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#46
1,1'-Biphenyl
Concen: 43.695 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.4	62.4
76	9.2	0.0	29.4





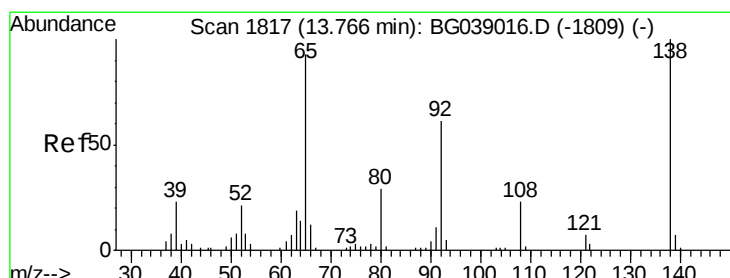
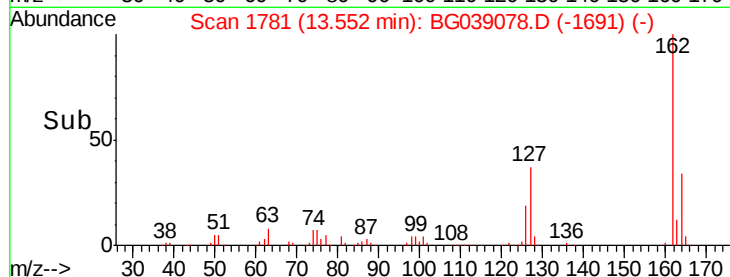
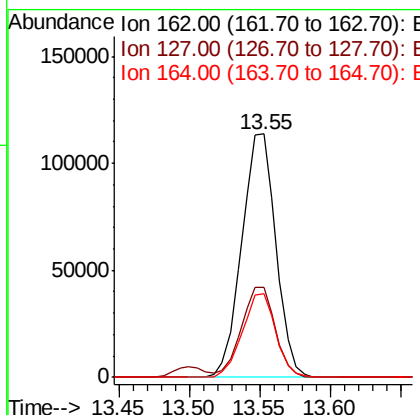
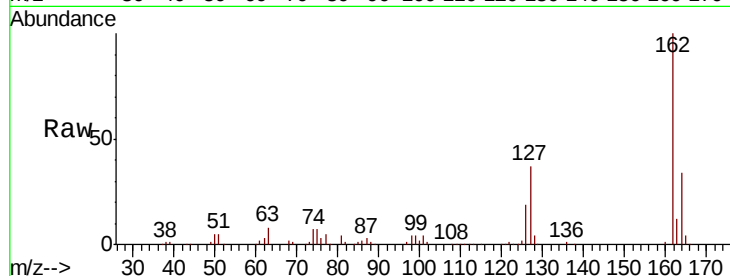
#47
2-Chloronaphthalene
Concen: 43.457 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	192757		
127	37.0	28.4	42.6	
164	34.3	26.3	39.5	

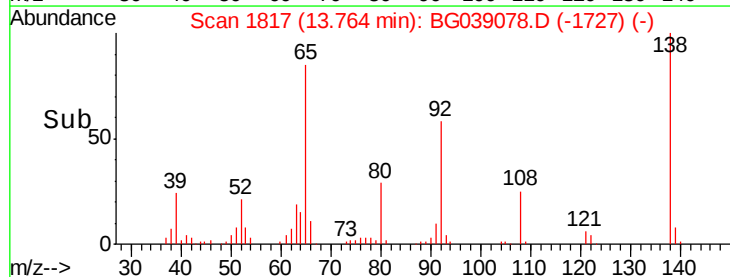
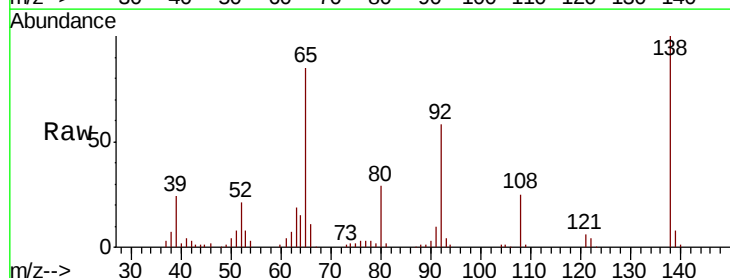
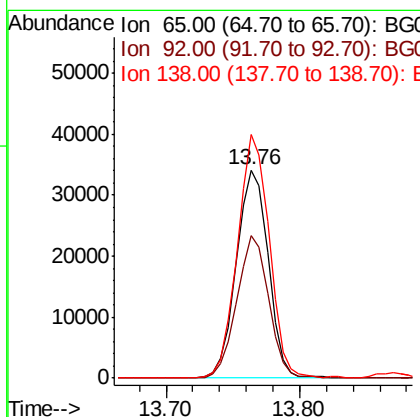
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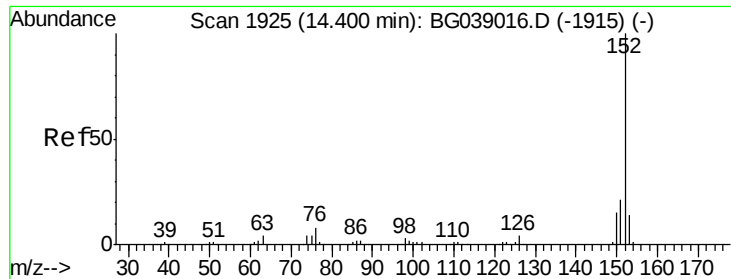
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#48
2-Nitroaniline
Concen: 45.449 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	56477		
92	68.4	52.2	78.4	
138	117.0	86.0	129.0	





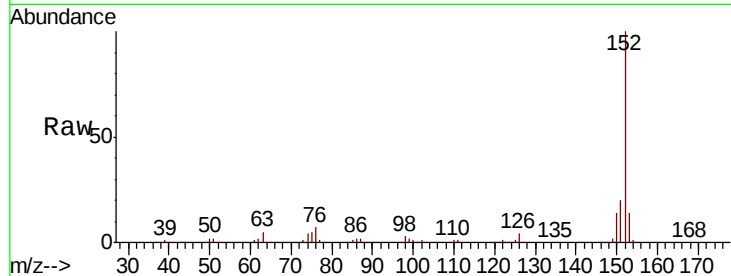
#49
Acenaphthylene
Concen: 47.589 ng
RT: 14.39 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.4
153	13.9	11.2	16.8

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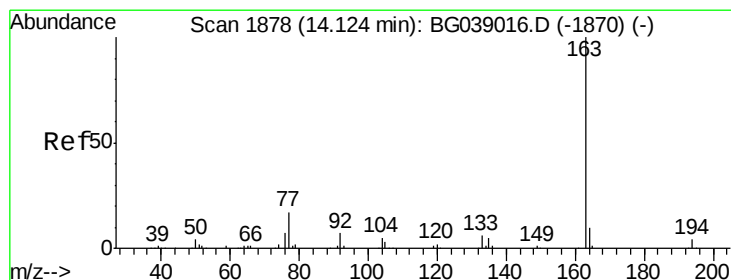
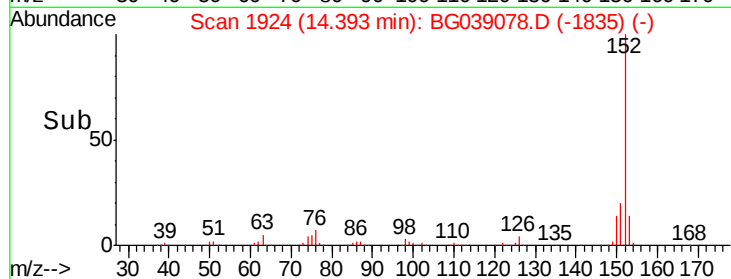
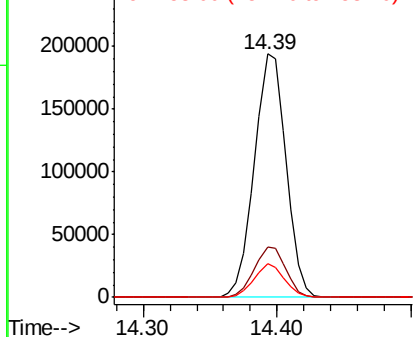


Abundance

Ion 152.00 (151.70 to 152.70): E

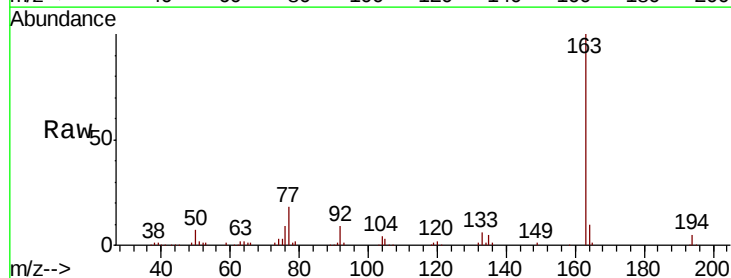
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 44.617 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.3	8.2	12.2

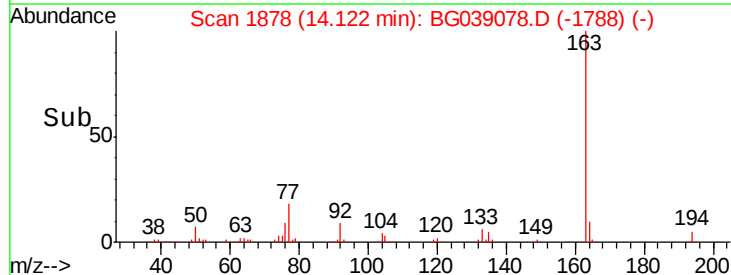
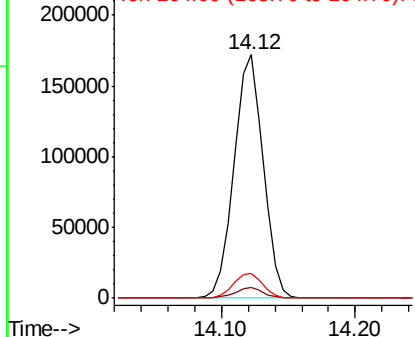


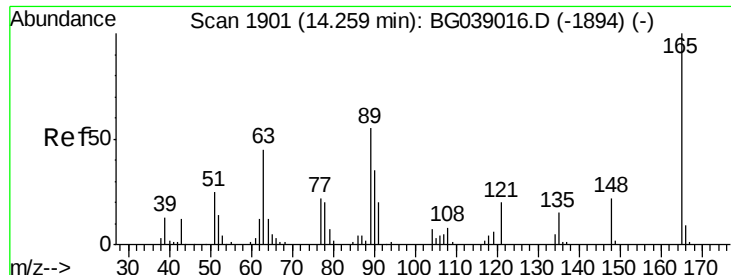
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





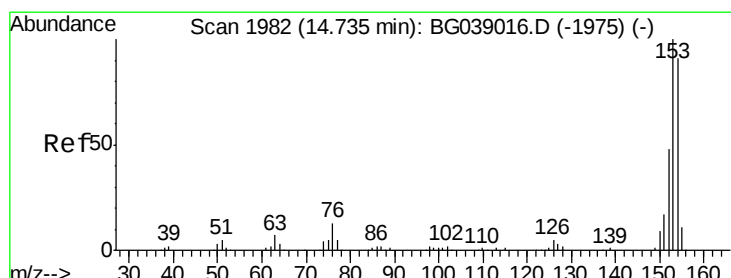
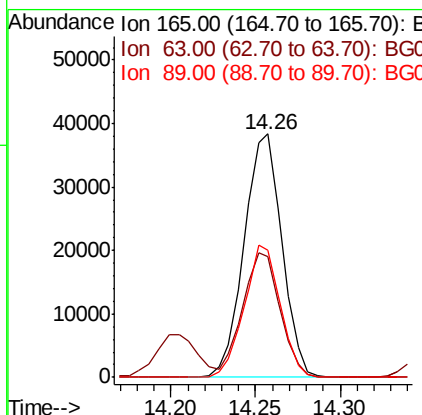
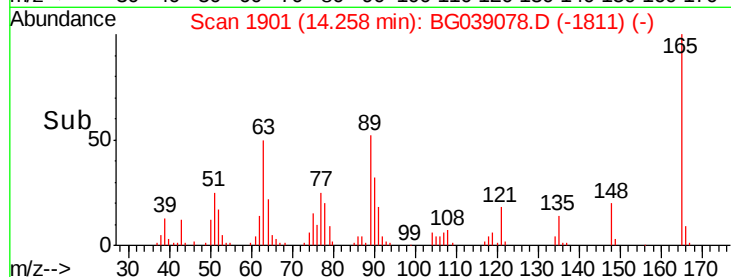
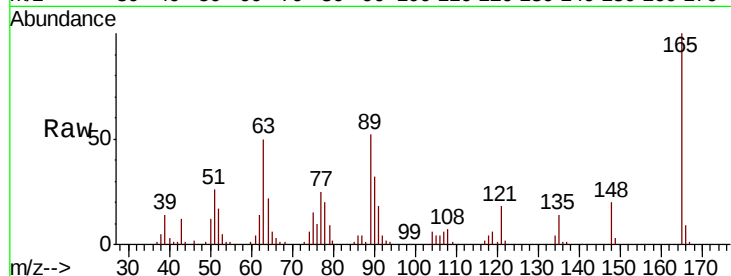
#51
2,6-Dinitrotoluene
Concen: 45.608 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	59606		
63	49.7		43.6	65.4
89	52.0		43.7	65.5

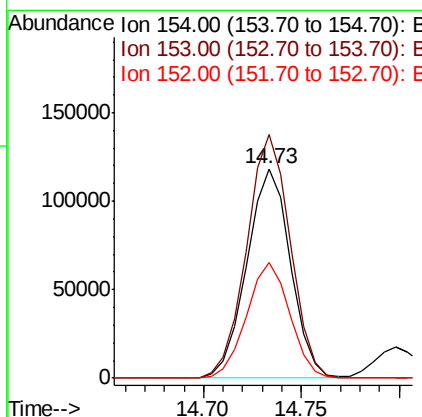
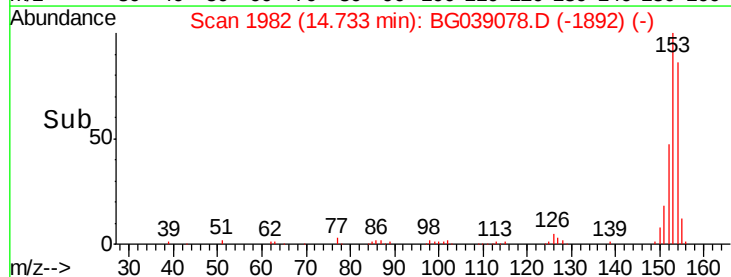
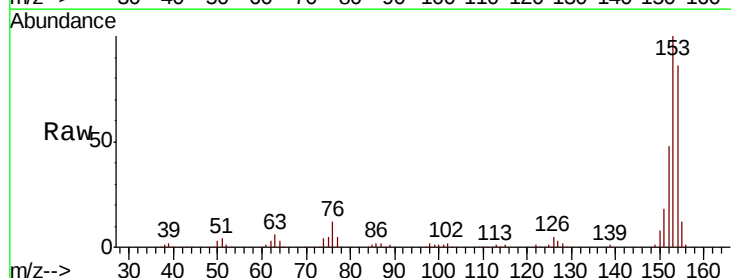
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#52
Acenaphthene
Concen: 45.567 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	182525		
153	116.4		87.9	131.9
152	55.5		42.2	63.2





#53

3-Nitroaniline

Concen: 5.326 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

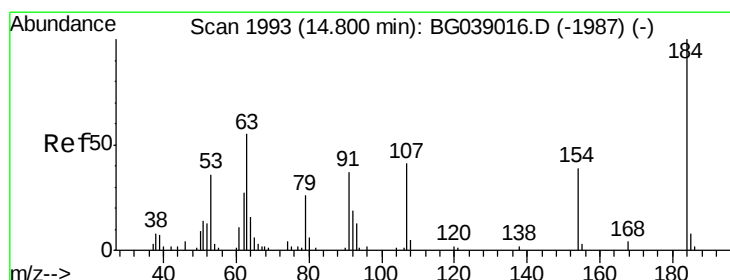
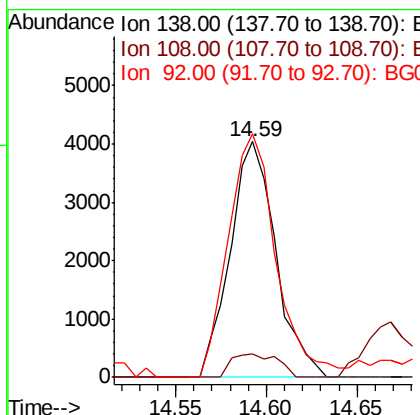
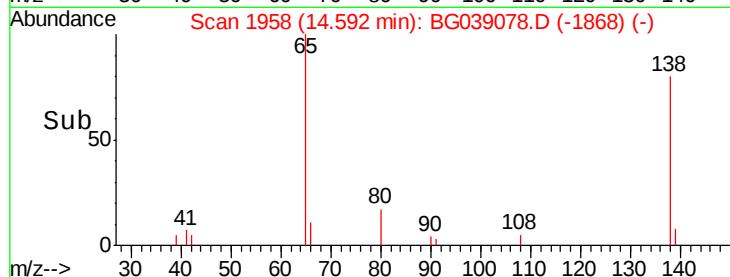
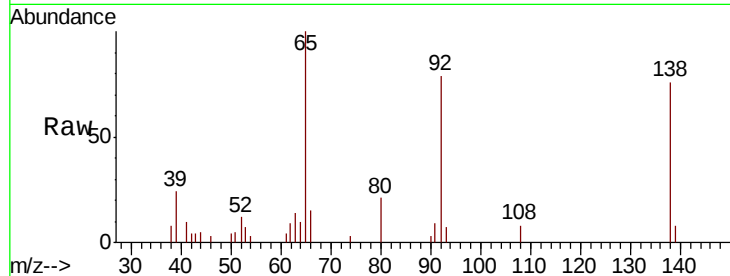
ClientSampleId :

OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.0
92	103.3	88.2	132.4

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#54

2,4-Dinitrophenol

Concen: 62.441 ng

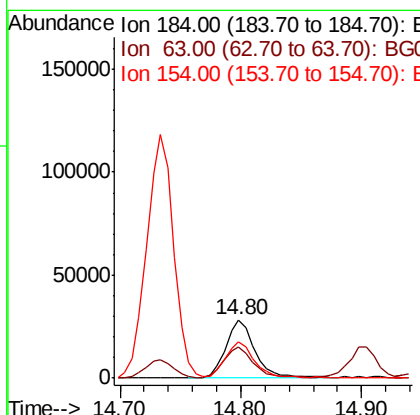
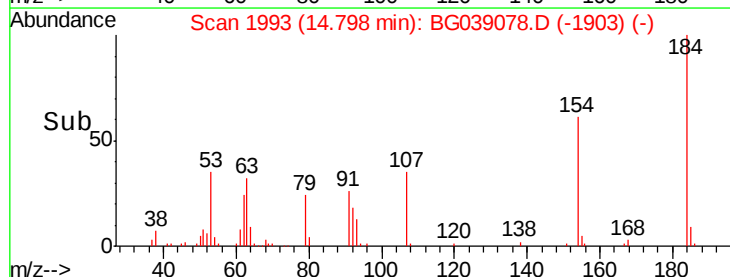
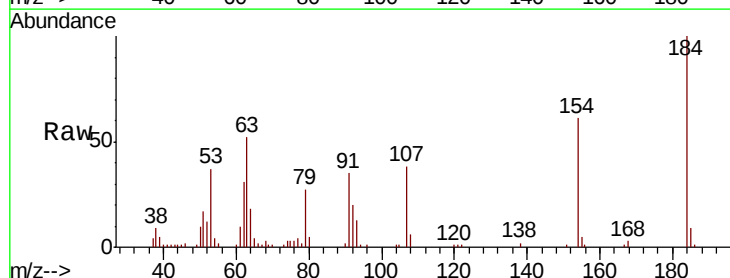
RT: 14.80 min Scan# 1993

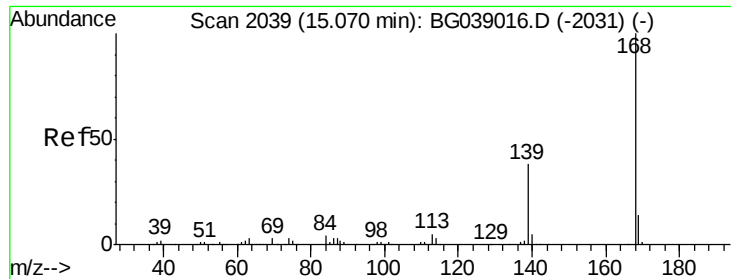
Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.4	44.0	66.0
154	61.1	46.1	69.1





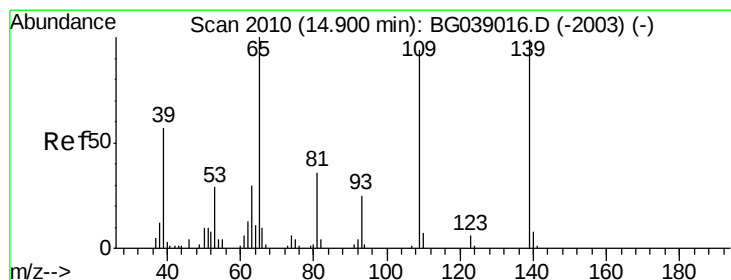
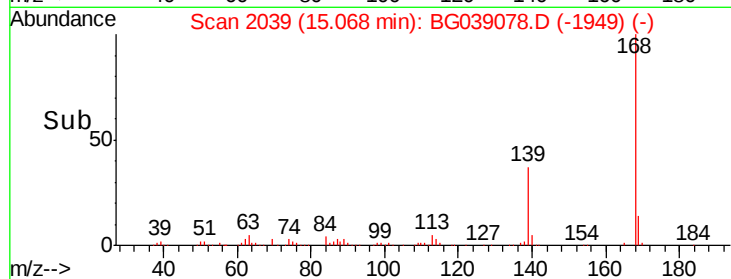
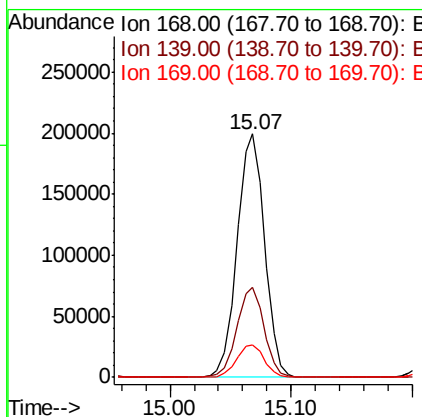
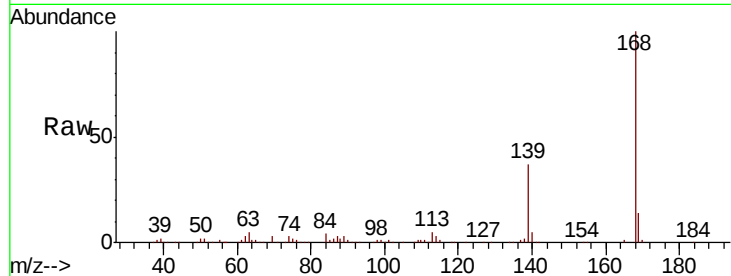
#55
Dibenzofuran
Concen: 44.481 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	13.6	10.9	16.3

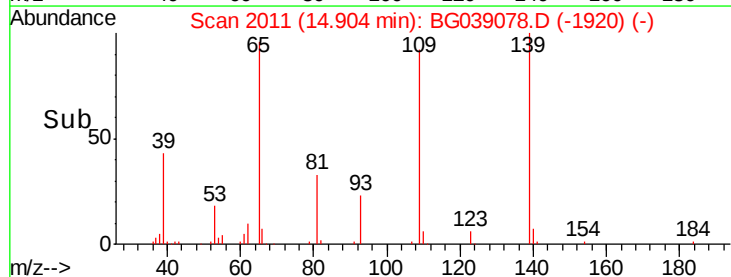
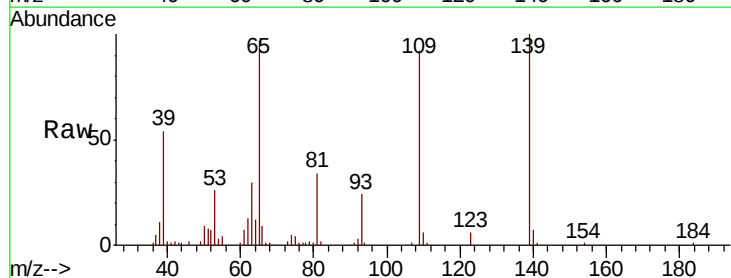
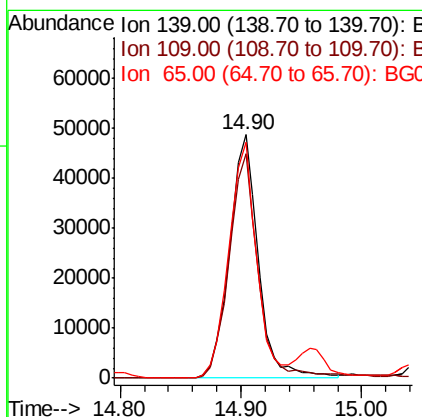
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#56
4-Nitrophenol
Concen: 84.647 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.4	75.6	115.6
65	97.1	81.2	121.2





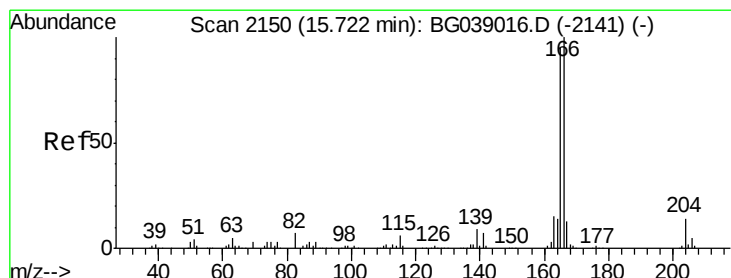
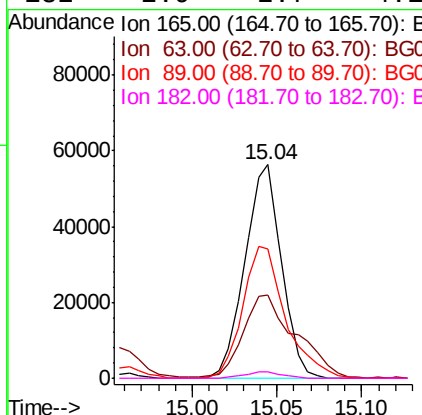
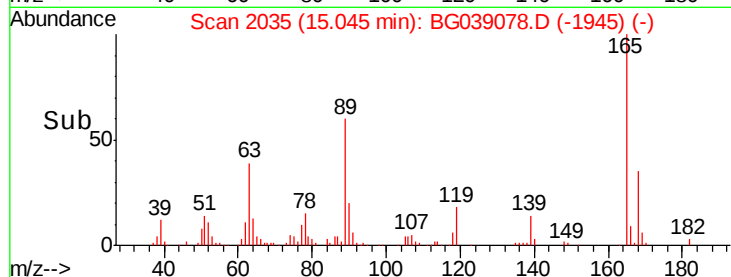
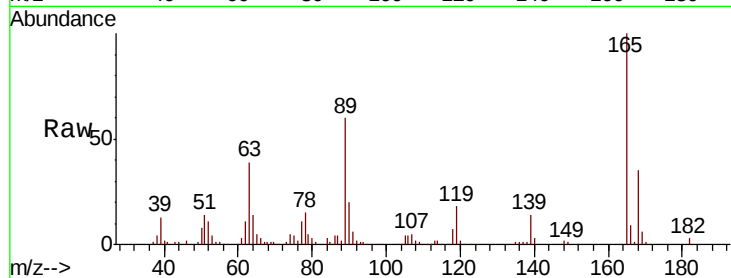
#57
2,4-Dinitrotoluene
Concen: 45.350 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		85032		
63	38.8	30.2	45.4		
89	60.3	53.2	79.8		
182	2.9	2.7	4.1		

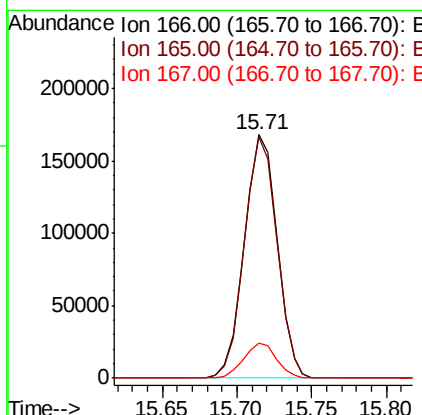
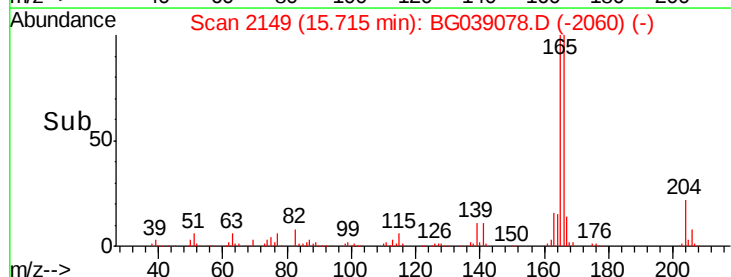
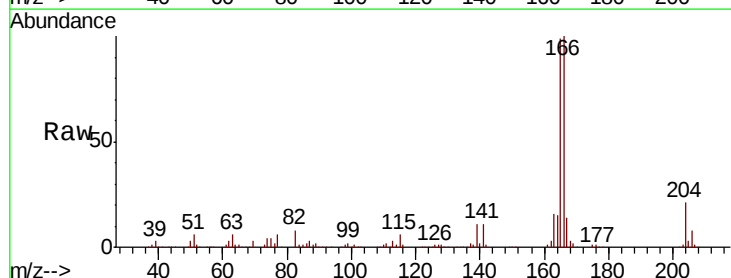
Manual Integrations
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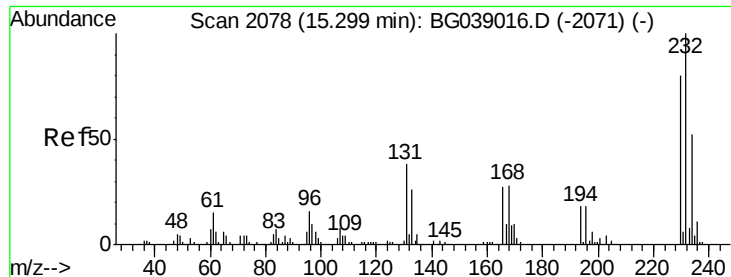
Sohil
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#58
Fluorene
Concen: 47.926 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		255214		
165	98.8	76.2	114.2		
167	14.1	10.6	16.0		





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.684 ng

RT: 15.29 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

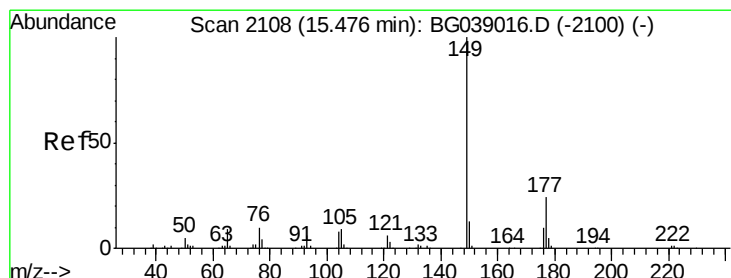
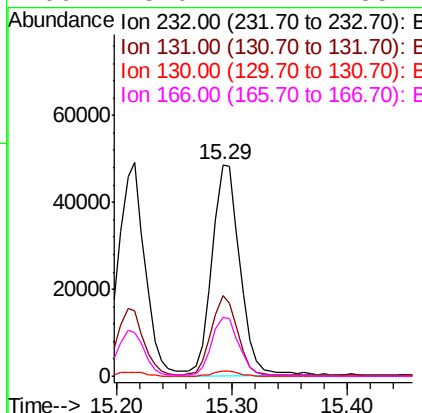
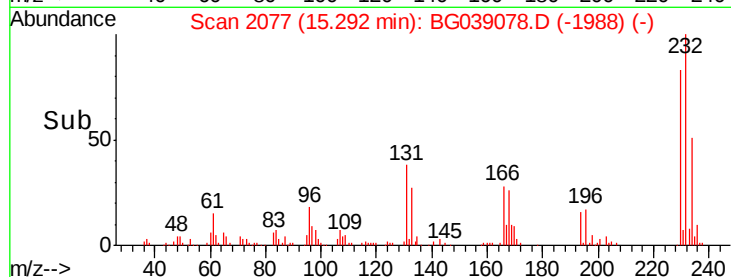
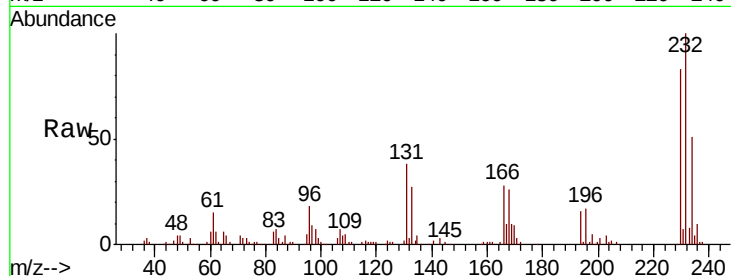
ClientSampleId :

OILY-STONESMSD

Tot Ion:	232	Resp:	81050
Ion Ratio	Lower	Upper	
232	100		
131	35.9	30.9	46.3
130	2.1	1.9	2.9
166	28.0	22.1	33.1

Manual Integrations
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#60

Diethylphthalate

Concen: 44.192 ng

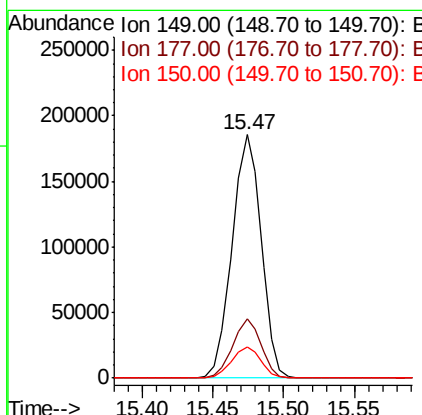
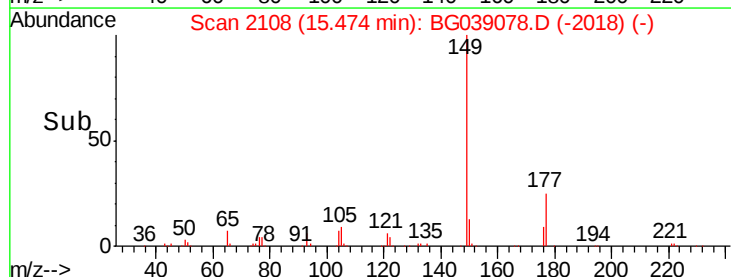
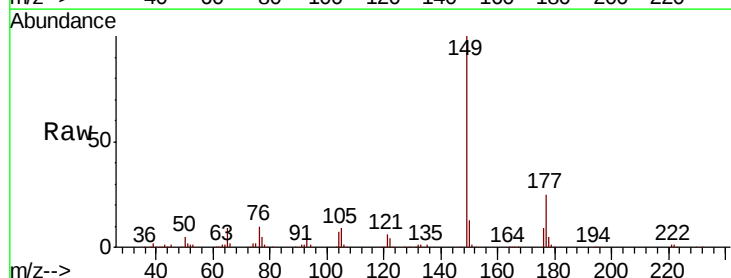
RT: 15.47 min Scan# 2108

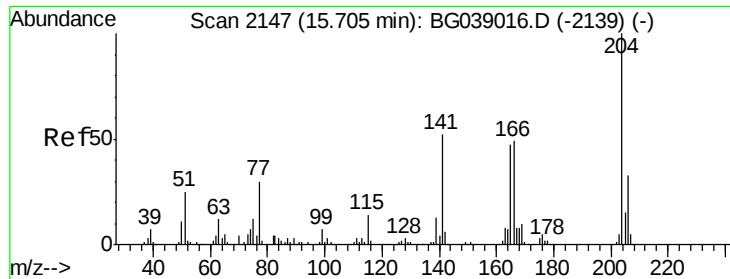
Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	149	Resp:	266158
Ion Ratio	Lower	Upper	
149	100		
177	24.5	19.0	28.6
150	12.7	10.2	15.4





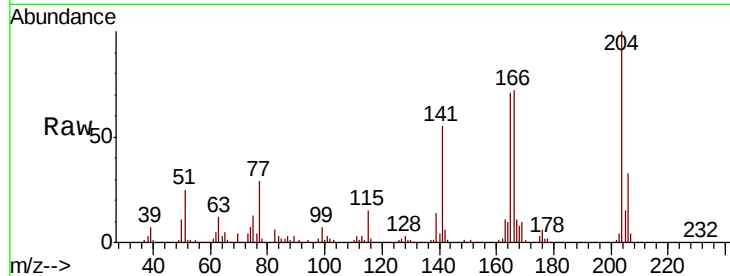
#61
4-Chlorophenyl-phenylether
Concen: 42.977 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	54.7	41.4	62.0

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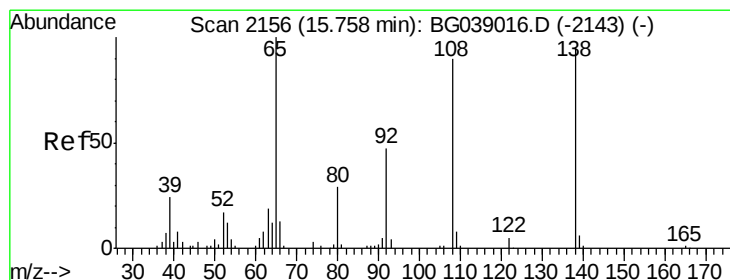
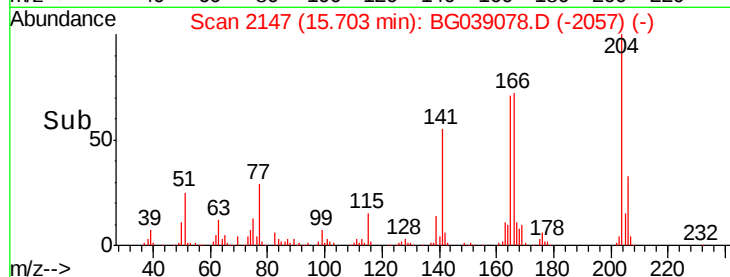
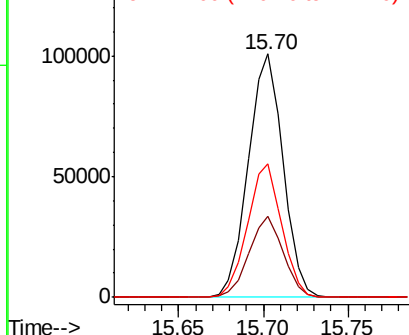


Abundance

Ion 204.00 (203.70 to 204.70): E

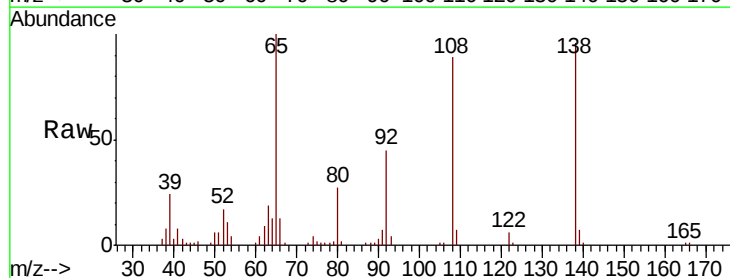
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.677 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	29.7	69.7
108	92.7	75.7	115.7

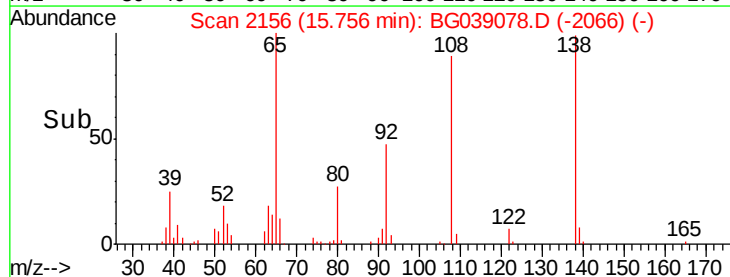
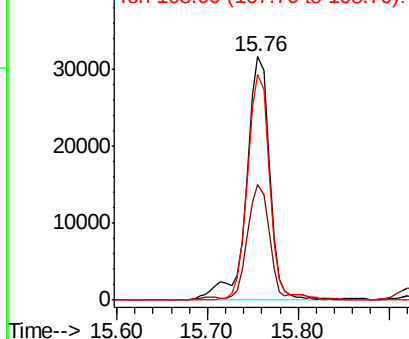


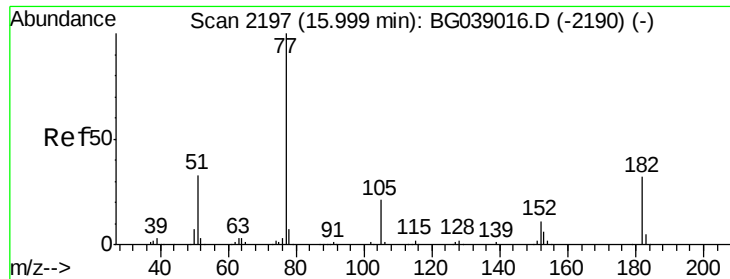
Abundance

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





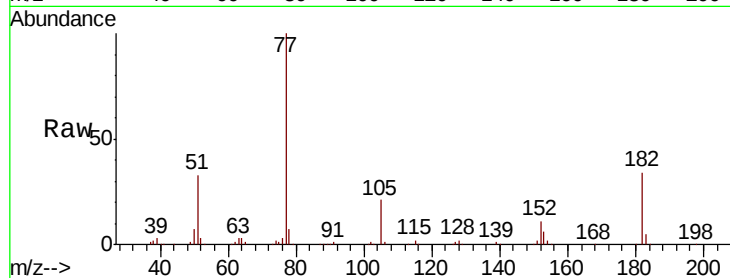
#63
Azobenzene
Concen: 43.749 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

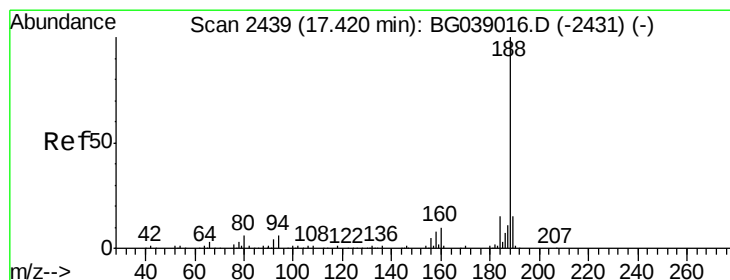
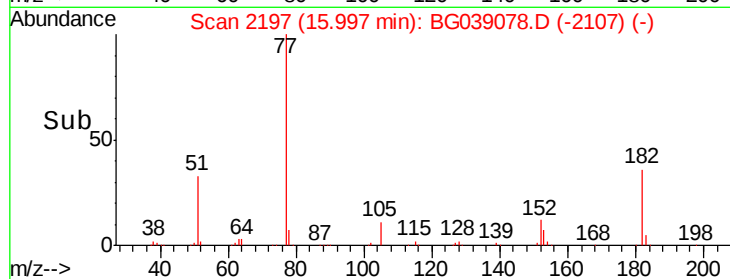
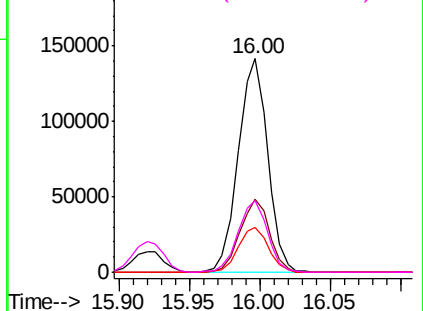
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	34.1	12.2	52.2	
105	20.8	1.2	41.2	
51	33.5	13.4	53.4	

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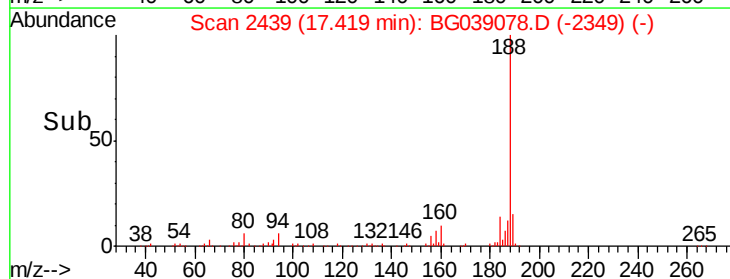
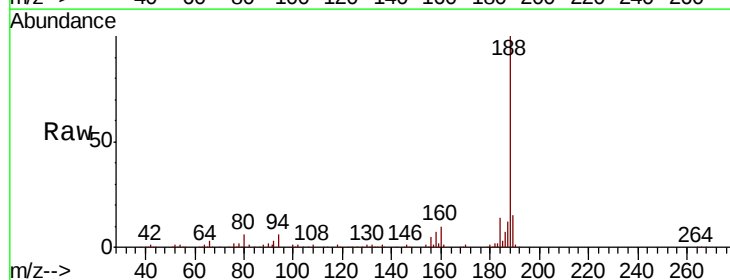
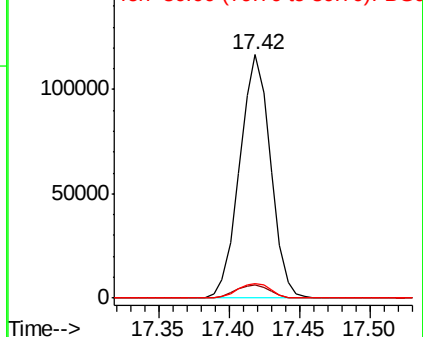
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

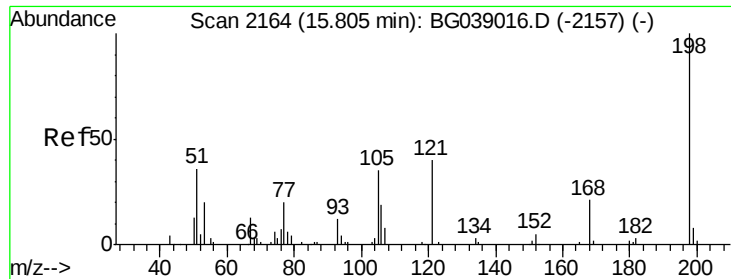


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.7	5.0	7.4	
80	6.0	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: 34.949 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

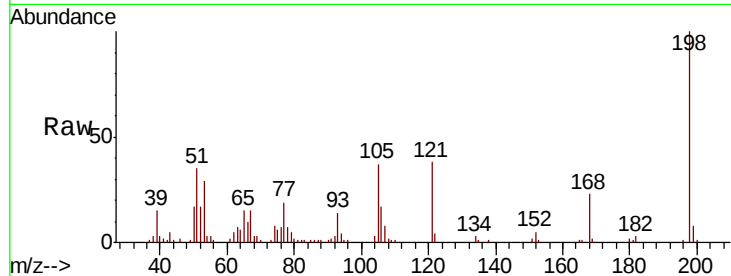
ClientSampleId :

OILY-STONESMSD

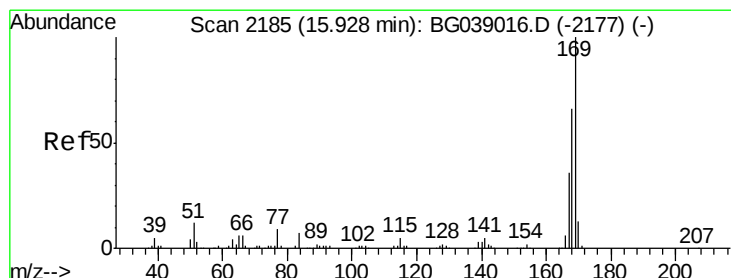
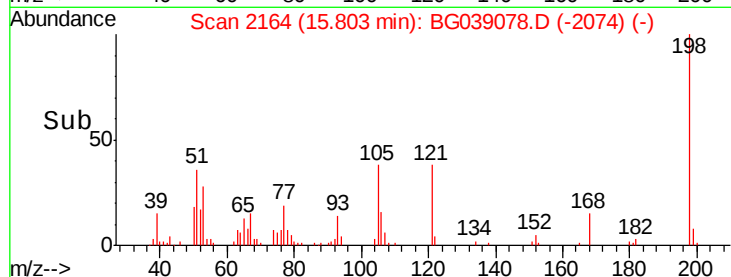
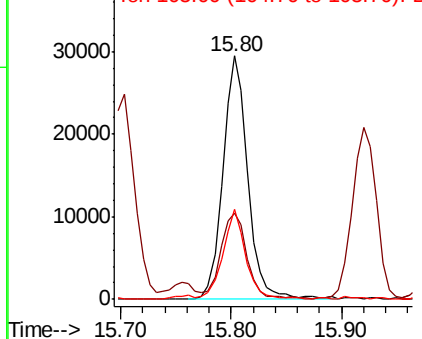
Tot Ion:	198	Resp:	46209
Ion Ratio	Lower	Upper	
198	100		
51	35.3	20.8	60.8
105	37.1	16.1	56.1

Manual Integrations
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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: 43.901 ng

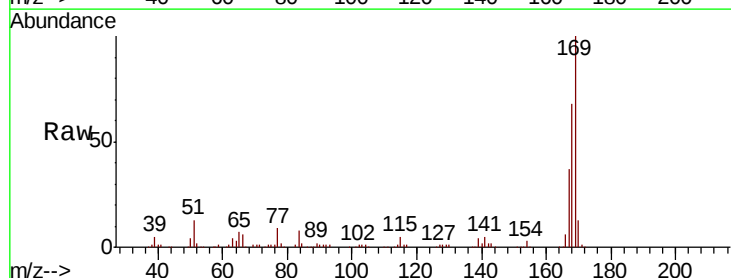
RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

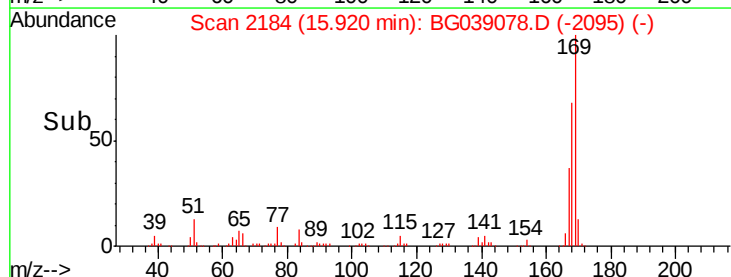
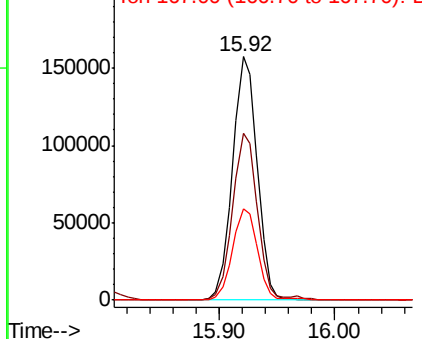
Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	169	Resp:	232264
Ion Ratio	Lower	Upper	
169	100		
168	68.5	53.2	79.8
167	37.3	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





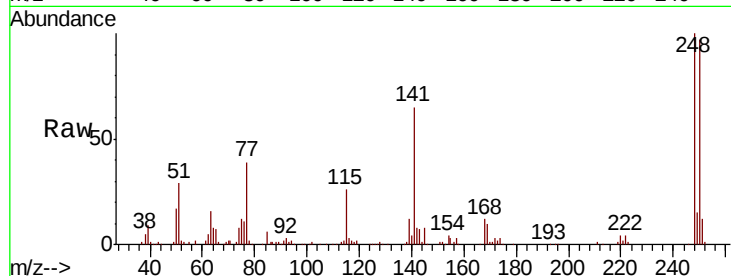
#67
4-Bromophenyl-phenylether
Concen: 42.976 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.9	119.9
141	65.0	52.7	79.1

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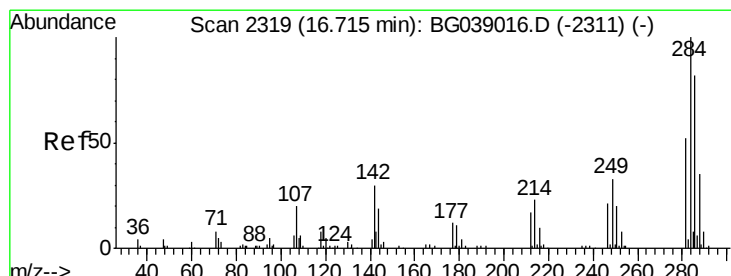
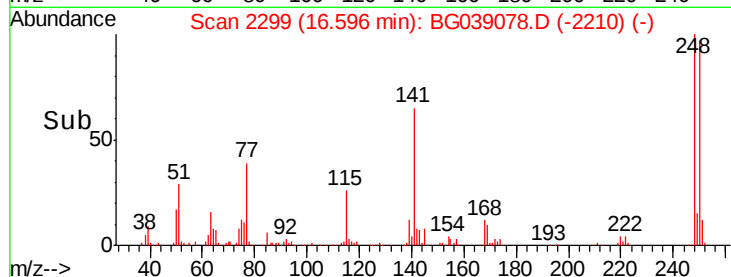
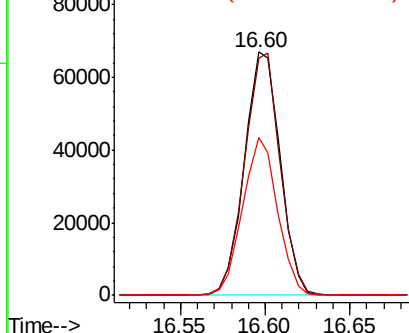


Abundance

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: 43.120 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

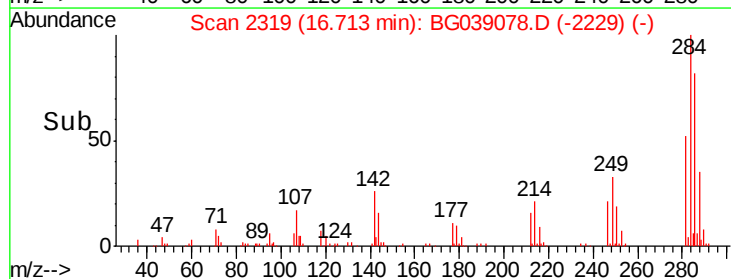
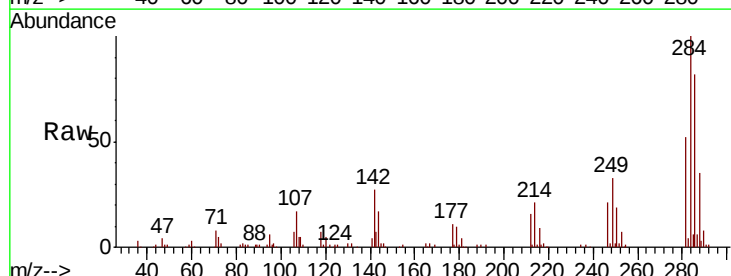
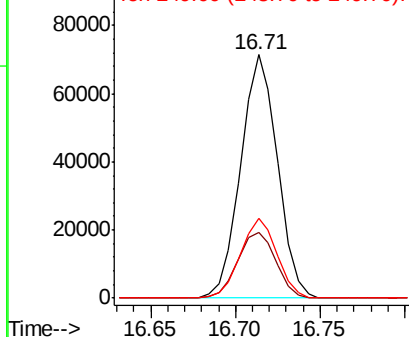
Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	24.3	36.5
249	35.3	27.8	41.8

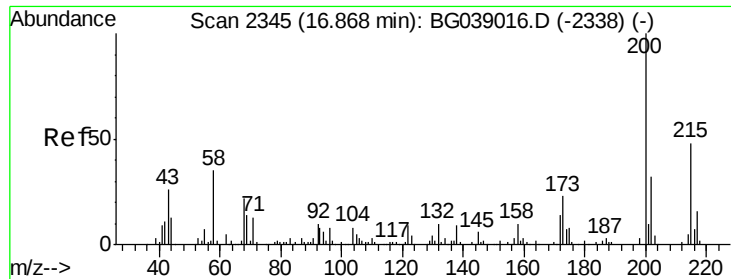
Abundance

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





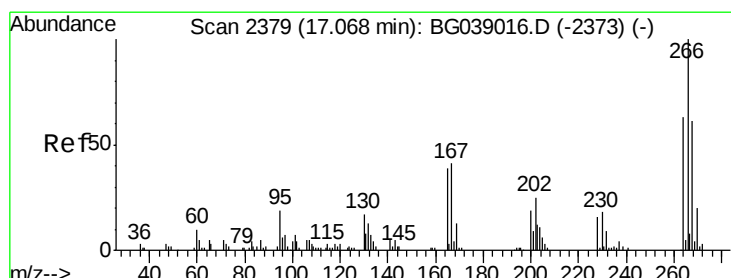
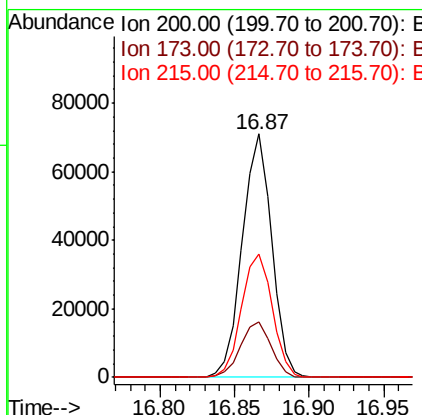
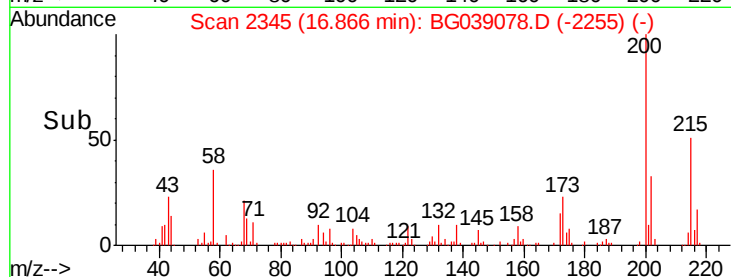
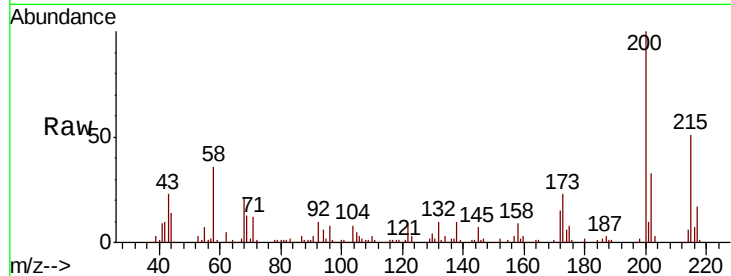
#69
Atrazine
Concen: 43.256 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.8	2.6	42.6
215	50.8	28.0	68.0

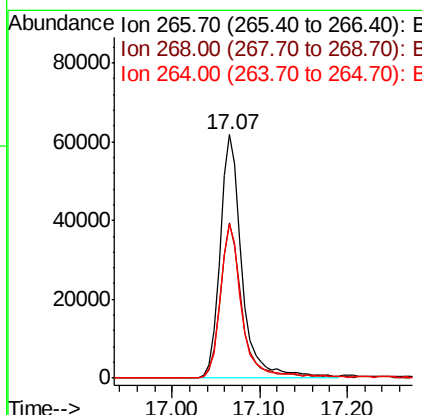
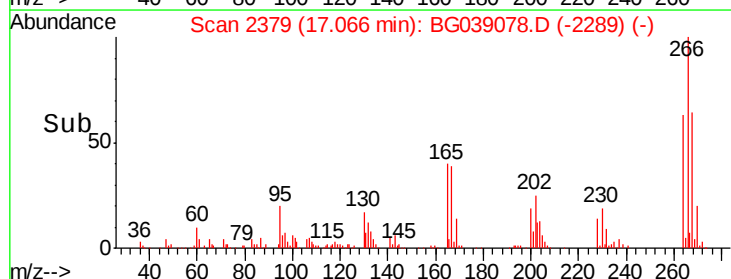
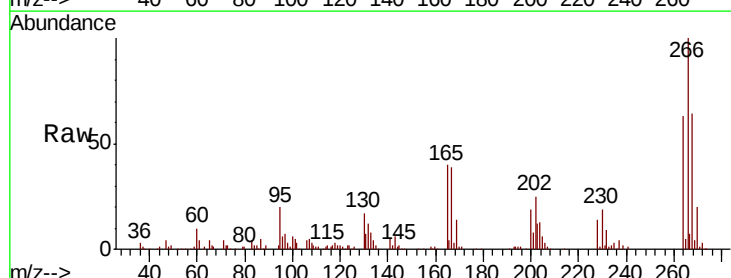
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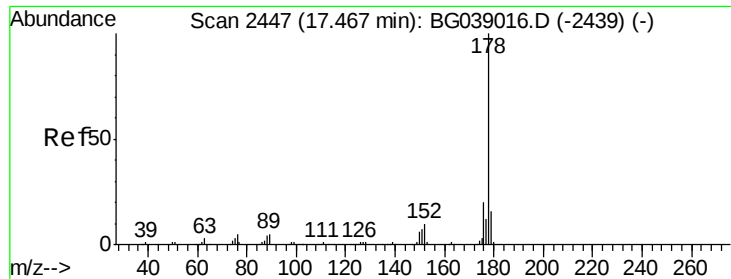
Sohil
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#70
Pentachlorophenol
Concen: 70.009 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	52.0	78.0
264	68.0	54.6	81.8





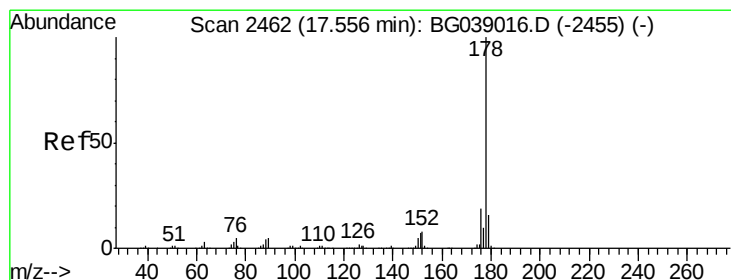
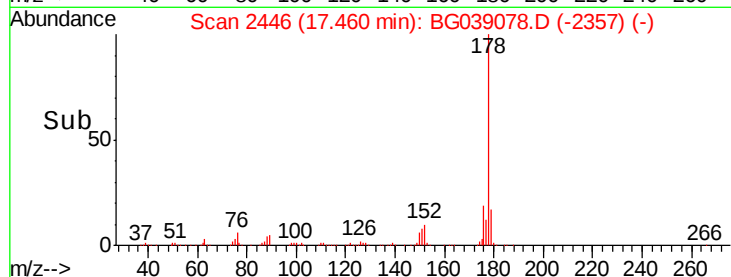
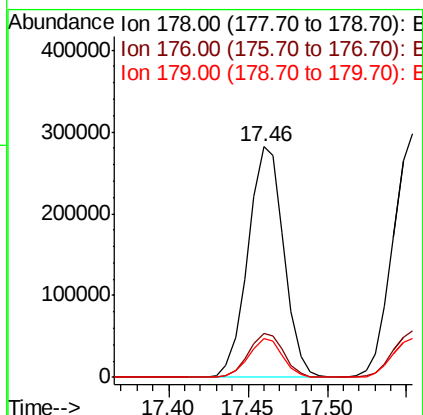
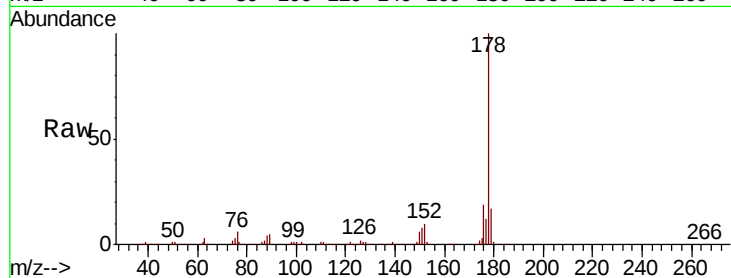
#71
Phenanthrene
Concen: 46.790 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.7	12.9	19.3

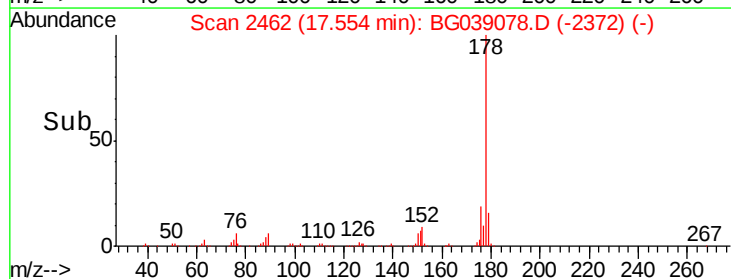
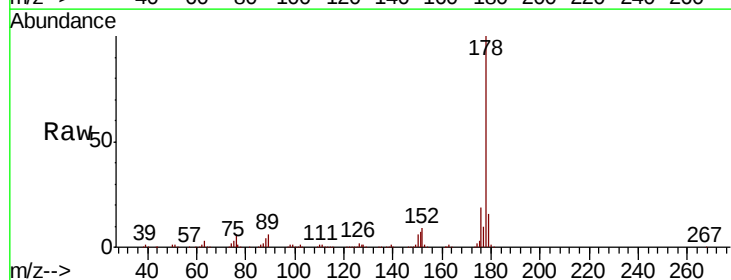
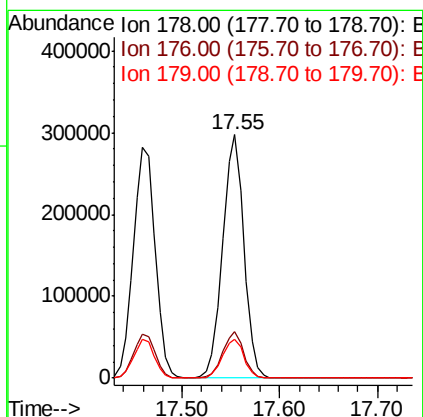
Manual Integrations
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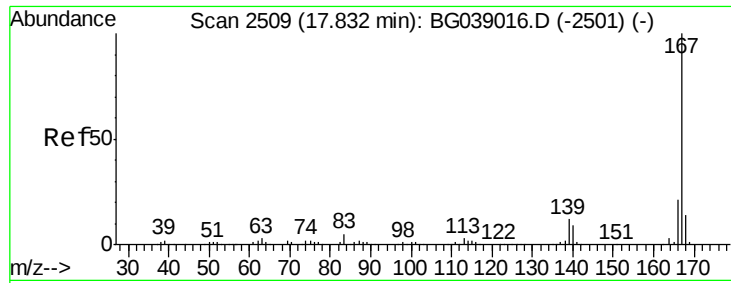
Sohil
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#72
Anthracene
Concen: 47.993 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.9	13.0	19.4





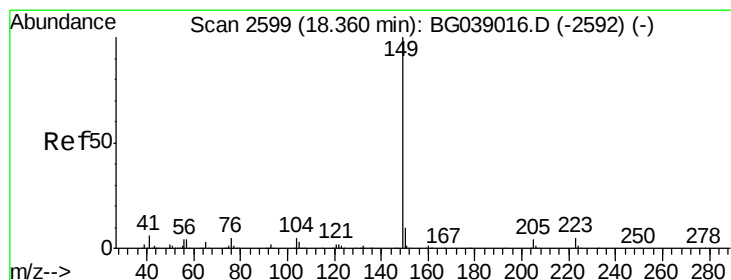
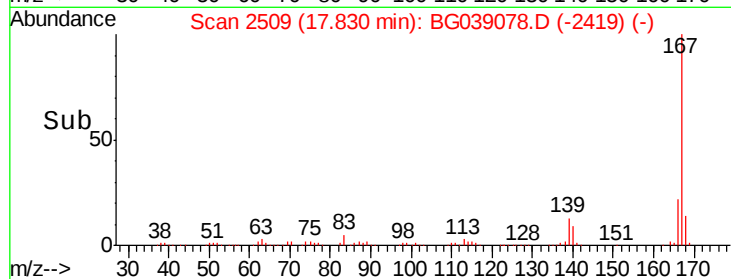
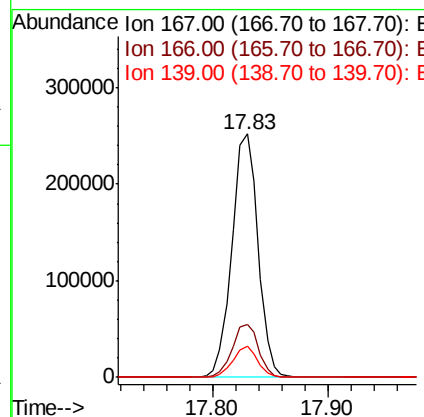
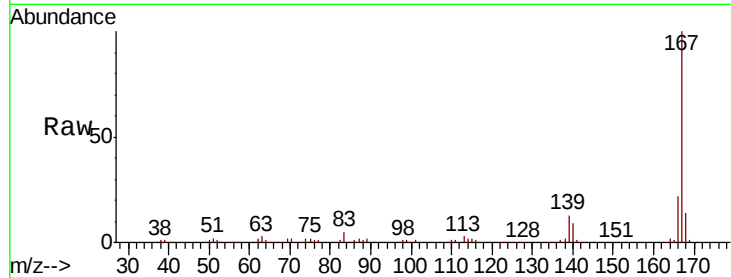
#73
 Carbazole
 Concen: 43.039 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG039078.D
 Acq: 11 Jan 2019 7:44

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.9	25.3
139	12.6	10.0	15.0

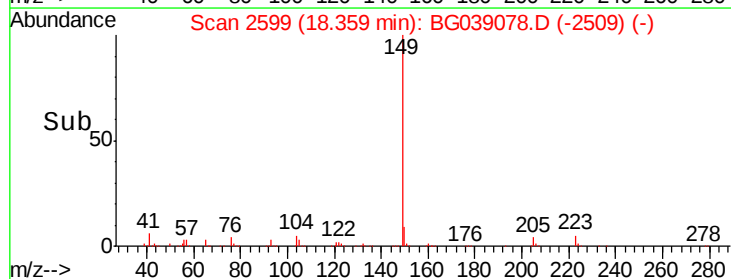
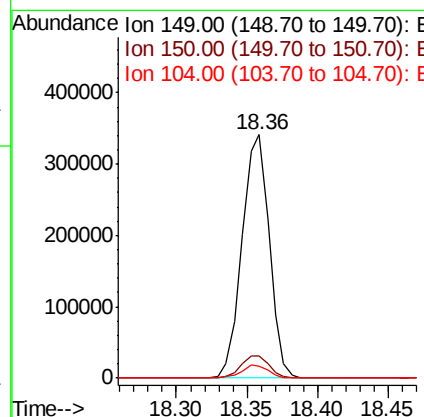
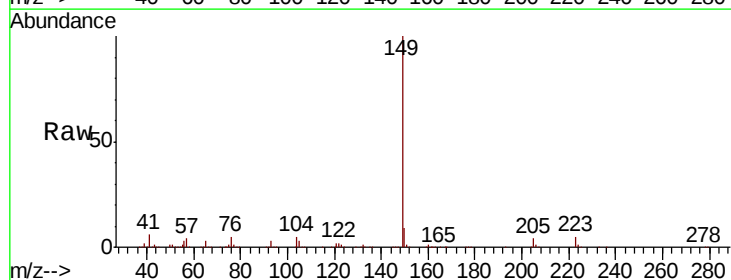
Manual Integrations
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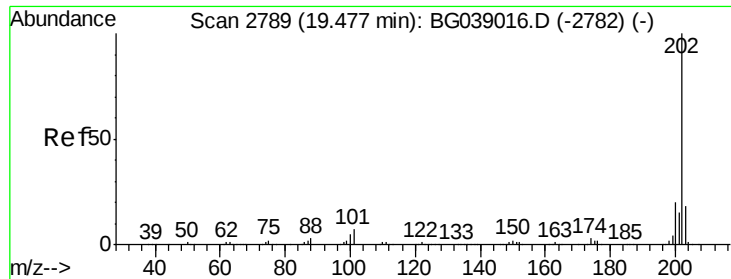
Sohil
 1/11/2019 4:44:39 PM



#74
 Di-n-butylphthalate
 Concen: 44.915 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039078.D
 Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.0	4.2	6.2





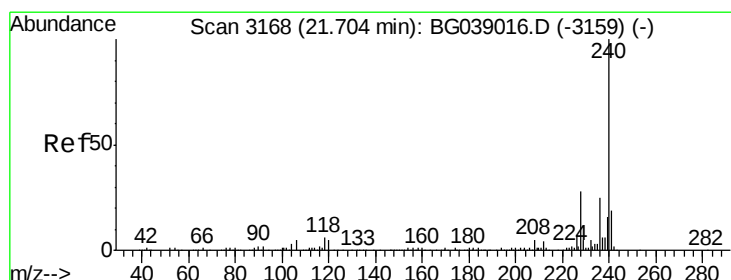
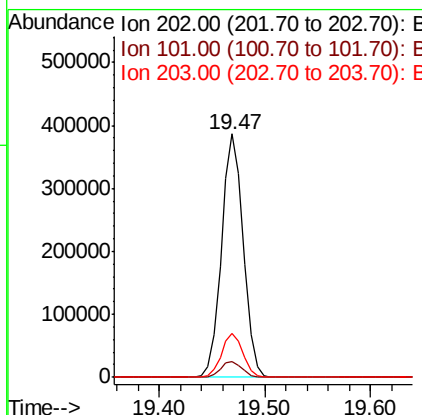
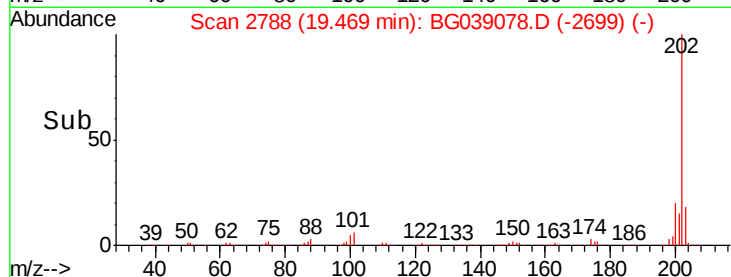
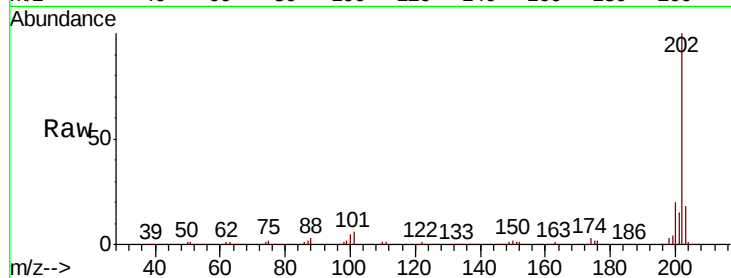
#75
 Fluoranthene
 Concen: 47.162 ng
 RT: 19.47 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BG039078.D
 Acq: 11 Jan 2019 7:44

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONESMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.3	0.0	26.9
203	18.1	0.0	38.1

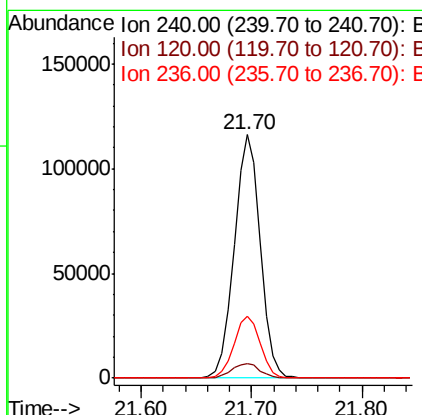
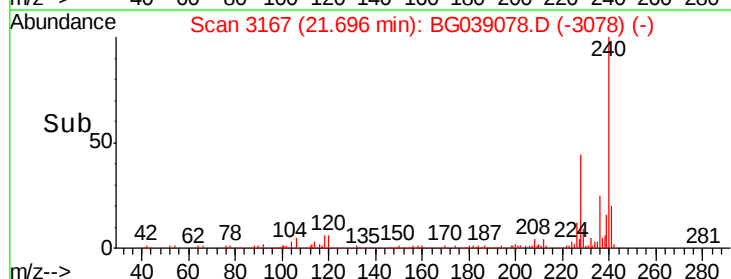
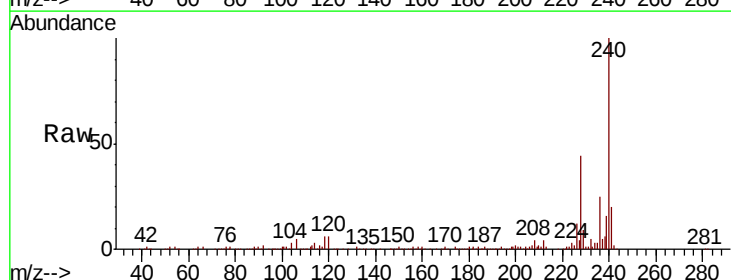
Manual Integrations
 APPROVED

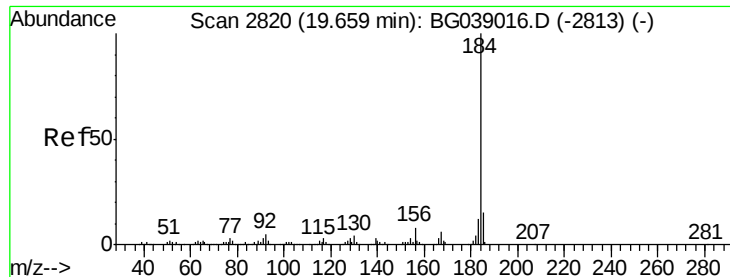
Sohil
 1/11/2019 4:44:39 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG039078.D
 Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.9	4.3	6.5
236	25.5	20.1	30.1





#77

Benzidine

Concen: 4.830 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

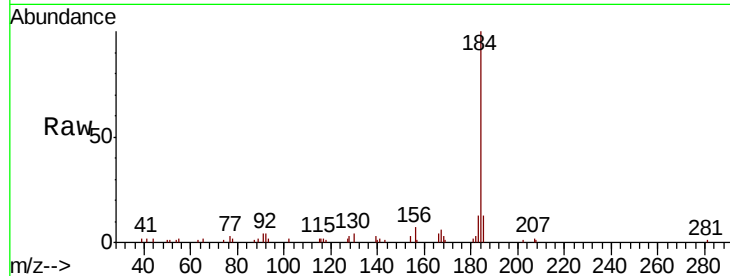
ClientSampleId :

OILY-STONESMSD

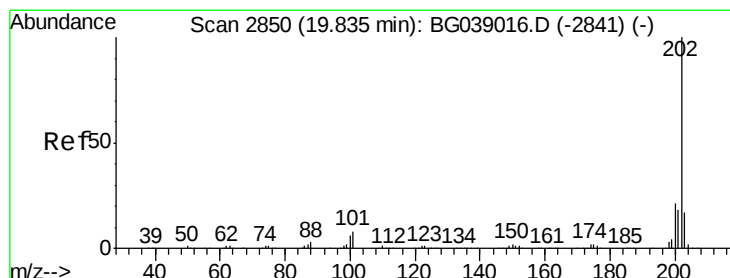
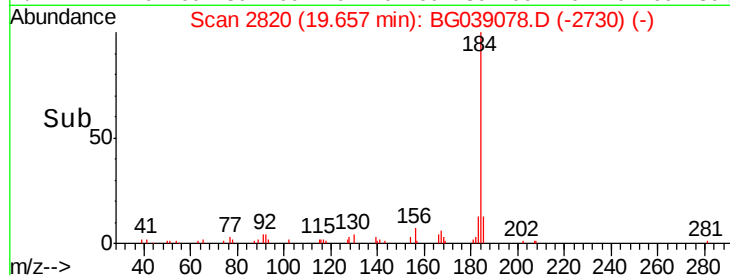
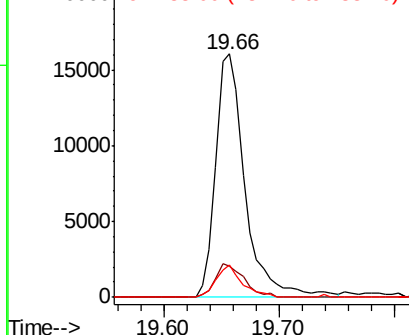
Tot Ion:	184	Resp:	28253
Ion Ratio	Lower	Upper	
184	100		
185	12.6	12.1	18.1
183	13.1	9.5	14.3

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: 45.766 ng

RT: 19.83 min Scan# 2850

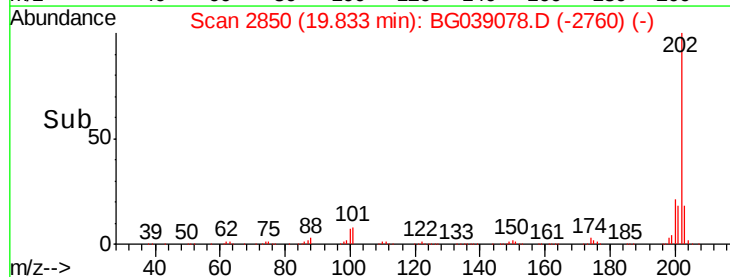
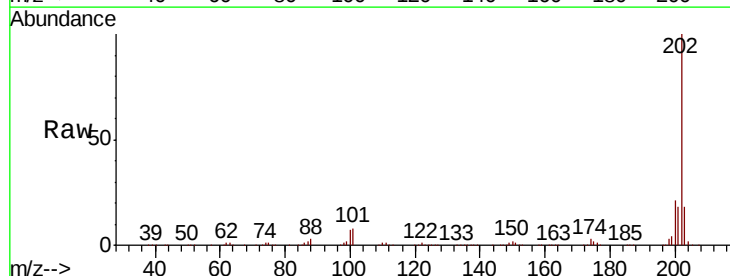
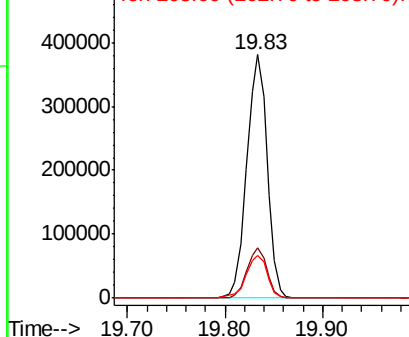
Delta R.T. -0.00 min

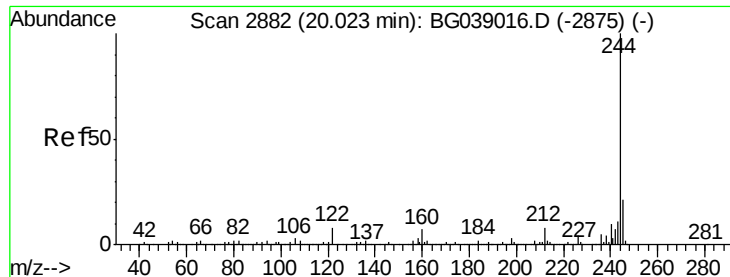
Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	202	Resp:	557763
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.6
203	17.6	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: 78.285 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

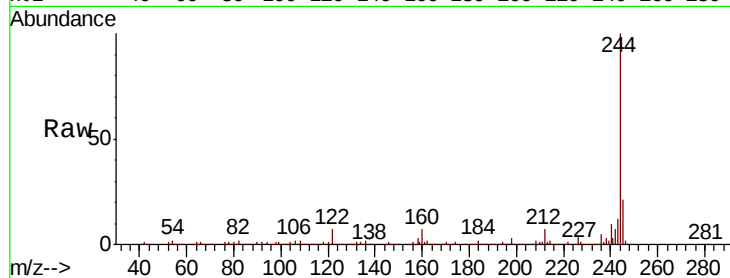
ClientSampleId :

OILY-STONESMSD

Tot Ion:	244	Resp:	809285
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.1	9.1
122	6.6	6.1	9.1

Manual Integrations
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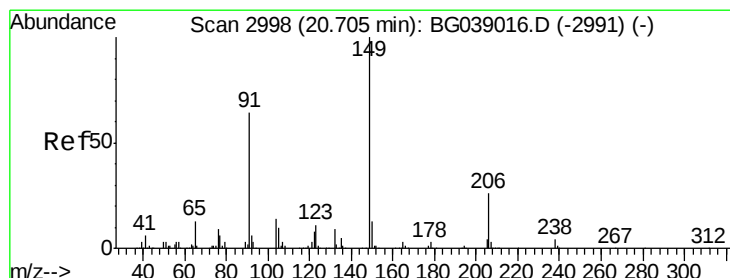
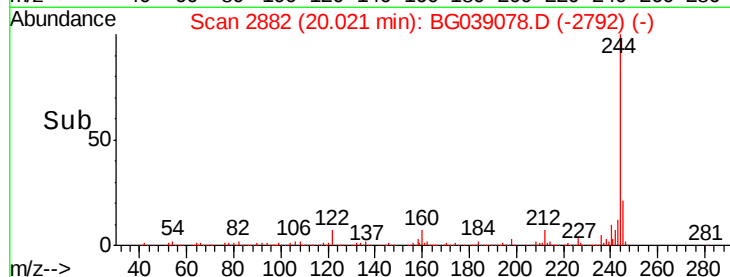
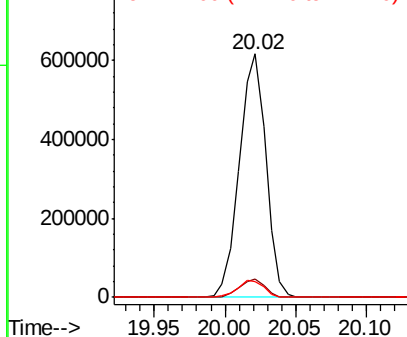


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.089 ng

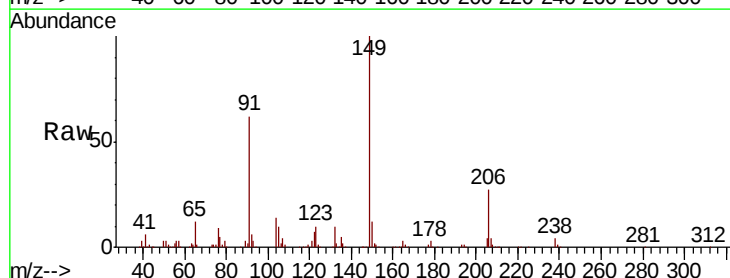
RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	149	Resp:	209001
Ion Ratio		Lower	Upper
149	100		
91	62.4	51.4	77.0
206	27.0	20.4	30.6

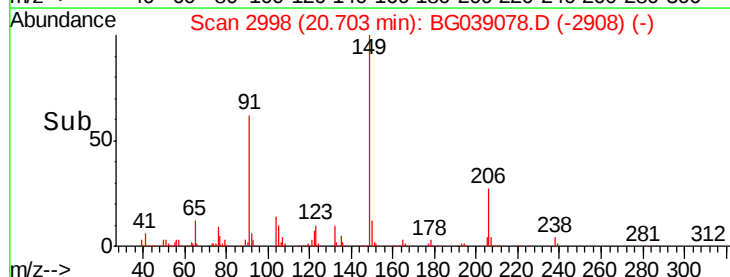
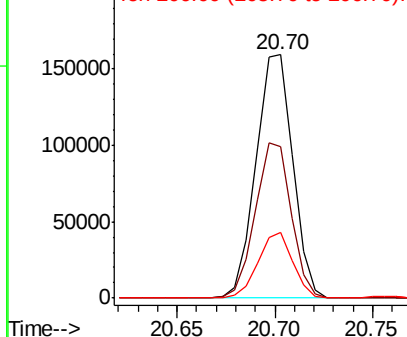


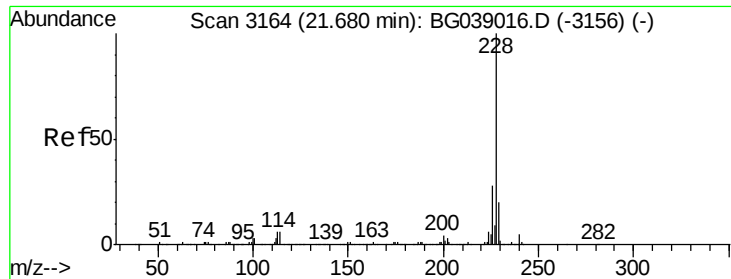
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





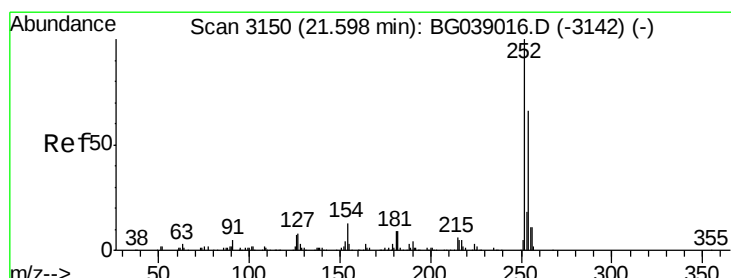
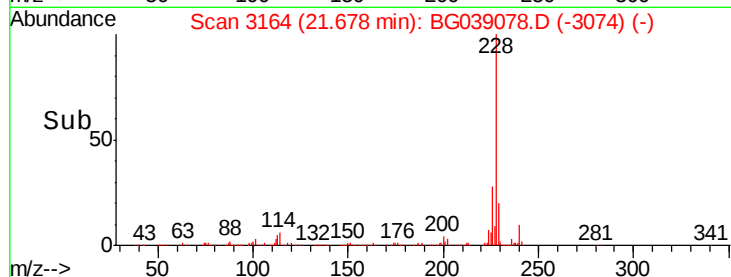
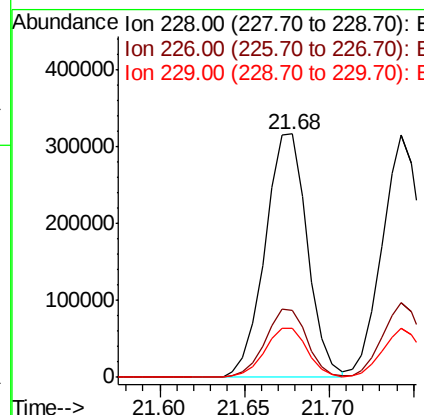
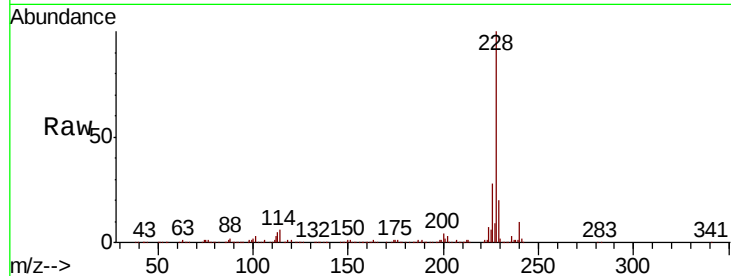
#81
Benzo(a)anthracene
Concen: 47.335 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	20.4	16.2	24.2

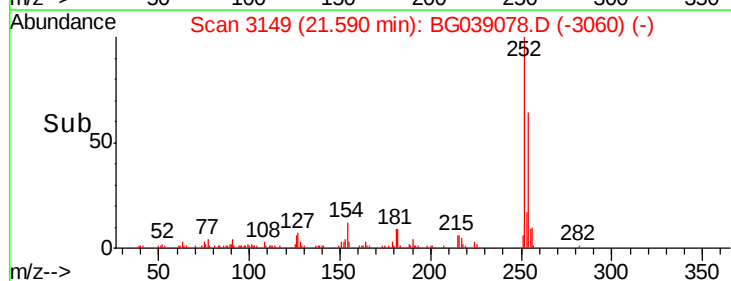
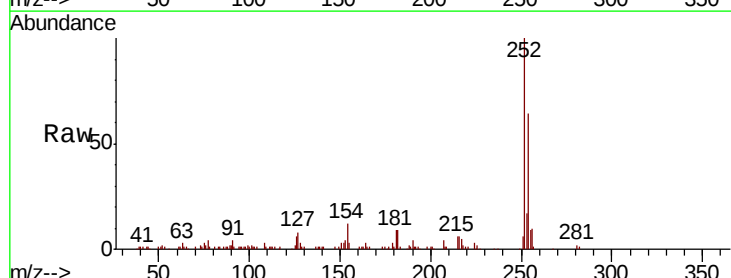
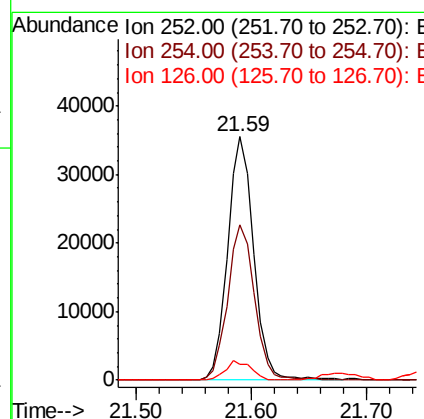
Manual Integrations
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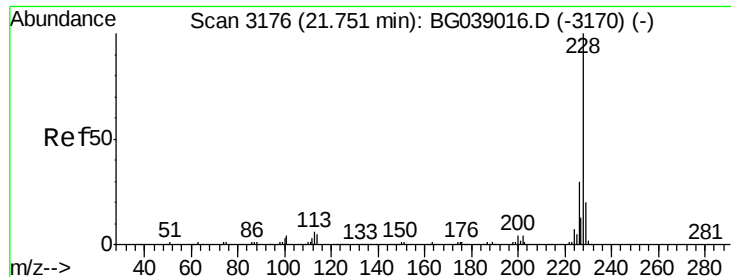
Sohil
1/11/2019 4:44:39 PM



#82
3,3'-Dichlorobenzidine
Concen: 11.649 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.0	79.6
126	6.5	6.0	9.0





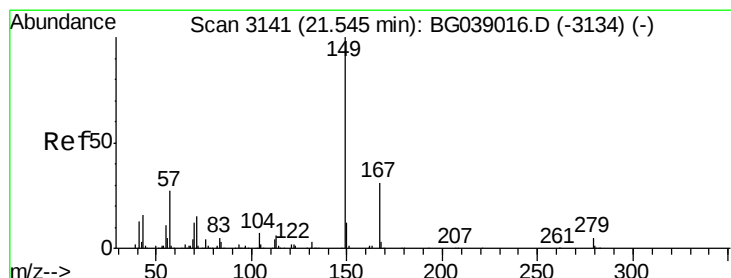
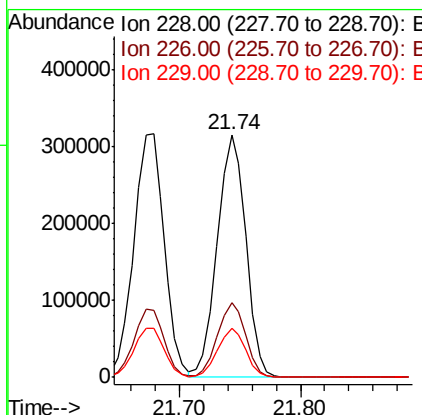
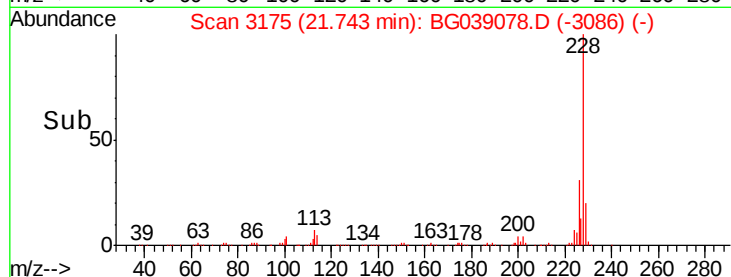
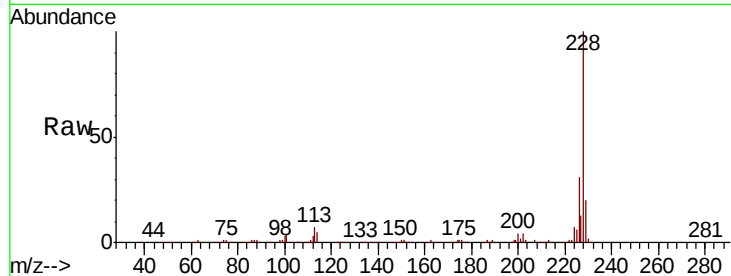
#83
Chrysene
Concen: 46.522 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	20.2	16.0	24.0

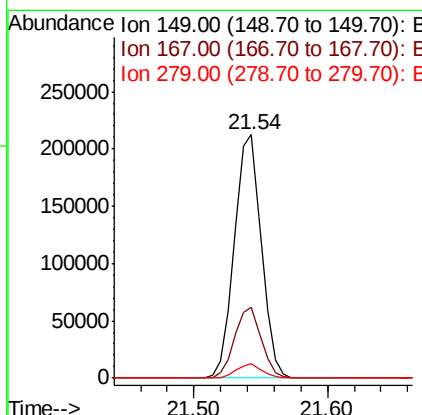
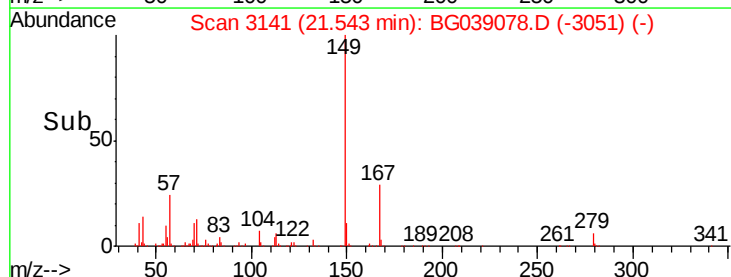
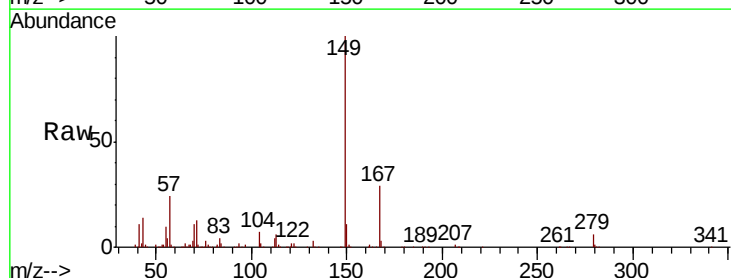
Manual Integrations
APPROVED

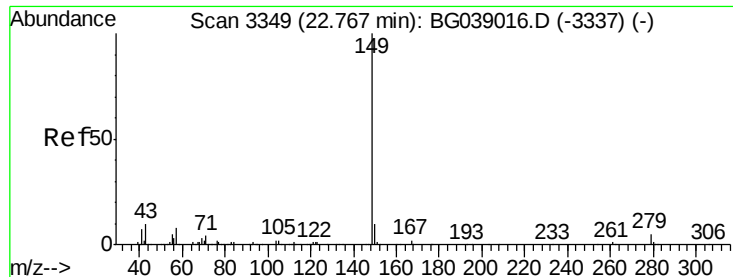
Sohil
1/11/2019 4:44:39 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.455 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	25.0	37.4
279	5.7	4.3	6.5





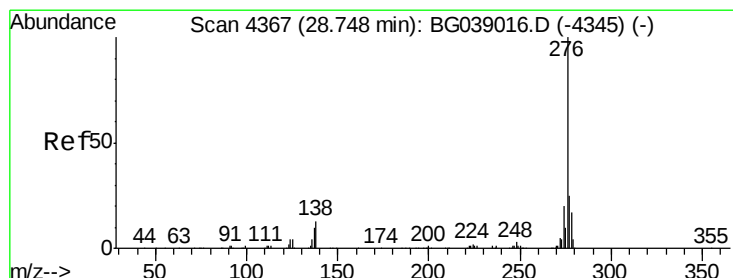
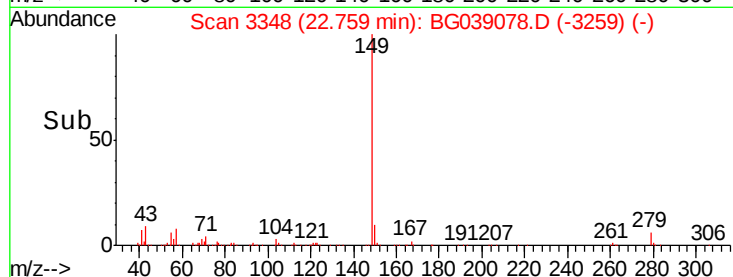
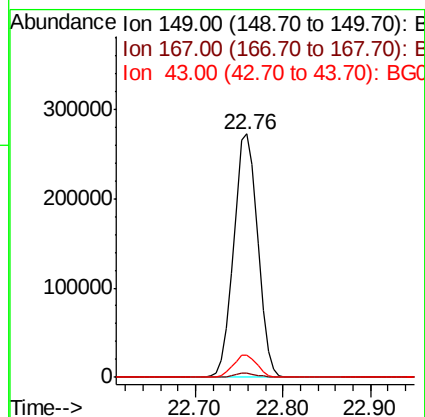
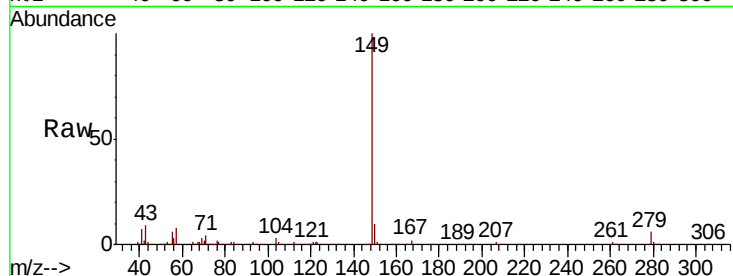
#85
Di-n-octyl phthalate
Concen: 46.392 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	504882		
167	1.6		1.3	1.9
43	9.0		7.5	11.3

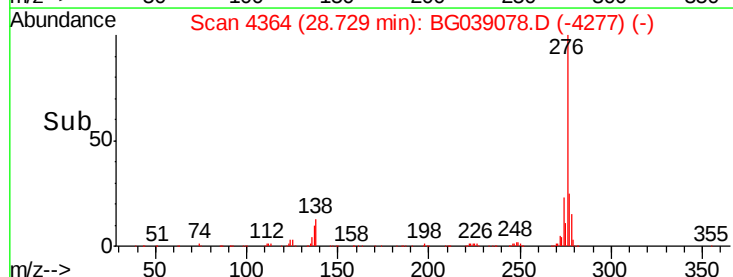
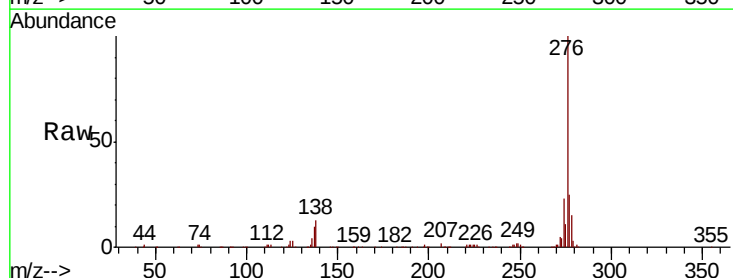
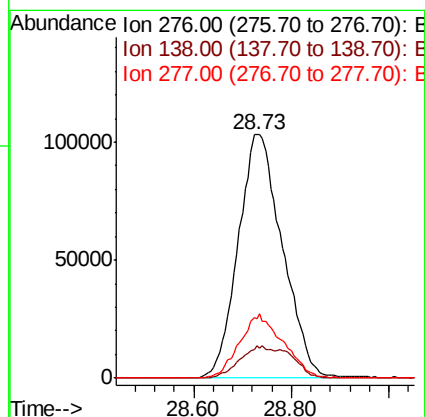
Manual Integrations
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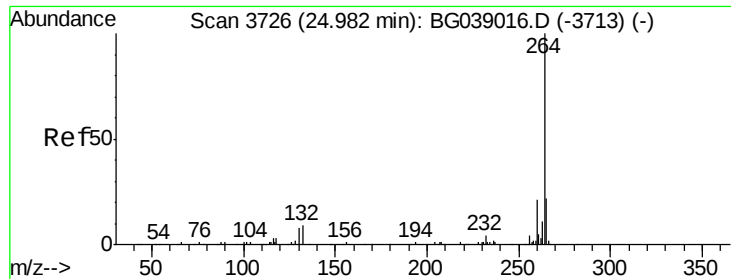
Sohil
1/11/2019 4:44:39 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.075 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	649274		
138	10.3		8.0	12.0
277	25.9		20.3	30.5





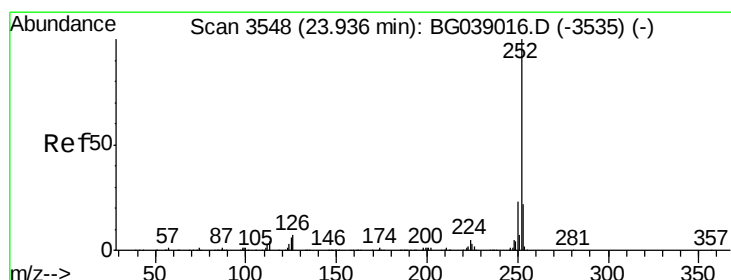
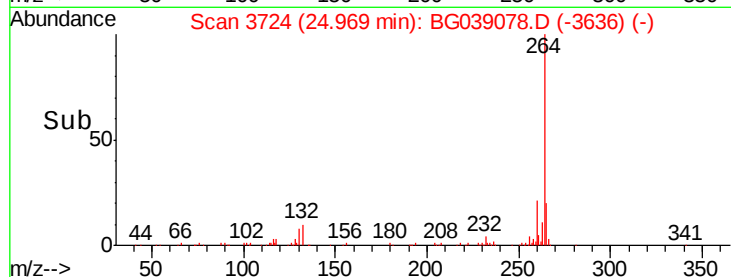
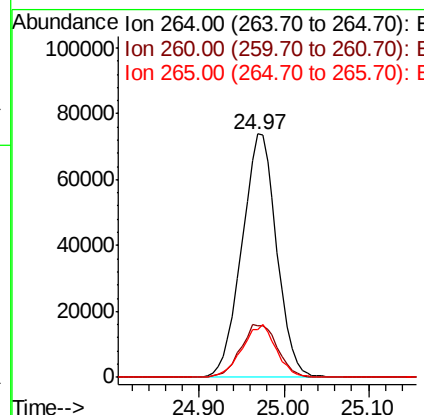
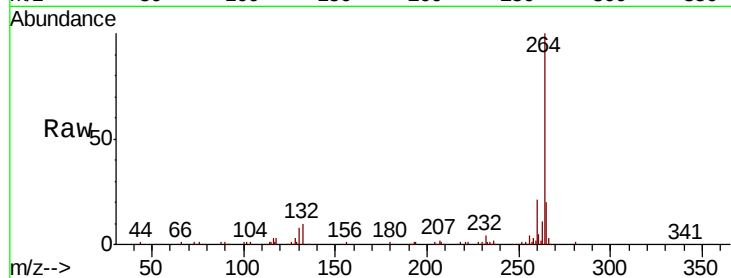
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.0	25.6
265	19.6	17.2	25.8

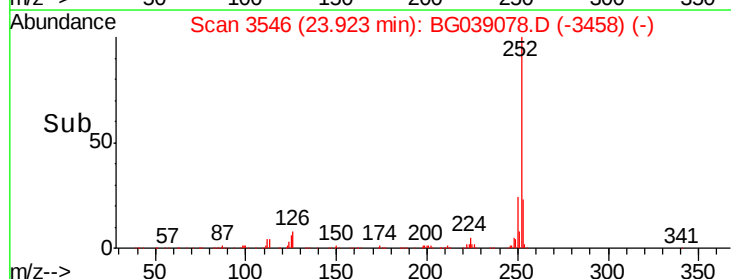
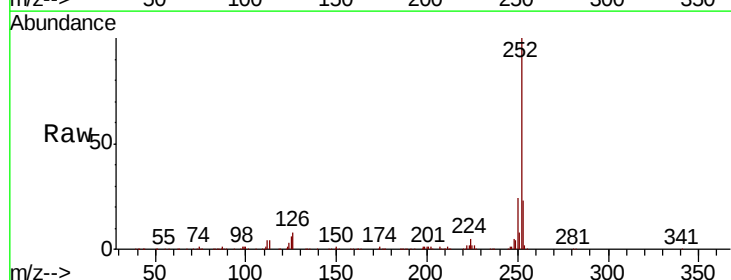
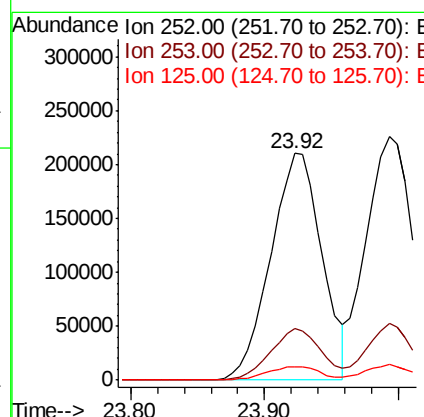
Manual Integrations
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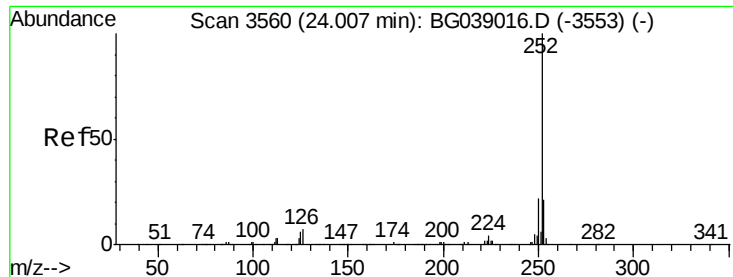
Sohil
1/11/2019 4:44:39 PM



#88
Benzo(b)fluoranthene
Concen: 48.167 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	5.7	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 47.493 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Instrument :

BNA_G

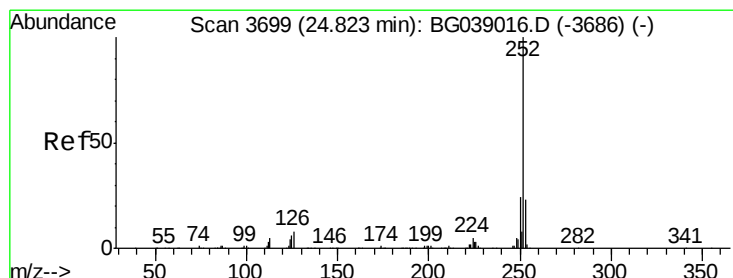
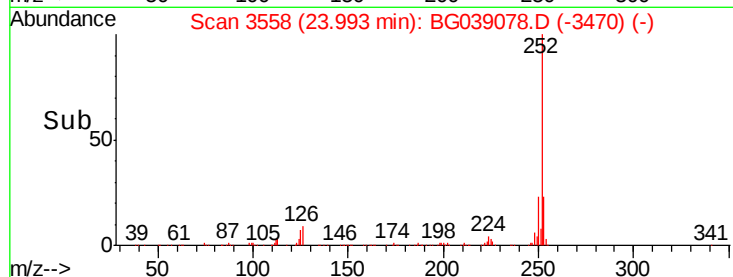
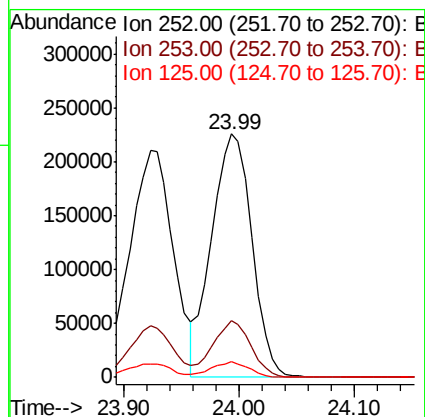
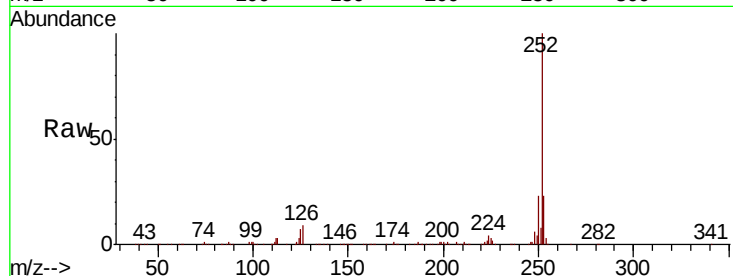
ClientSampleId :

OILY-STONESMSD

Tot Ion:	252	Resp:	545866
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.1	25.7
125	6.5	4.6	7.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 48.372 ng

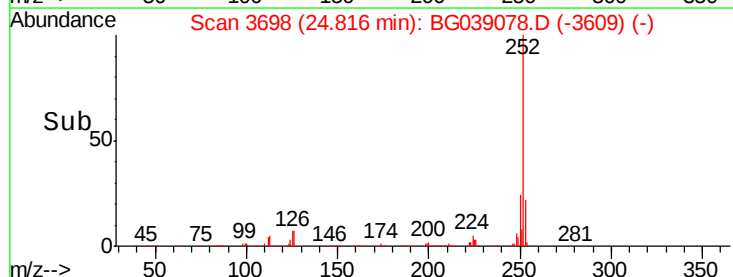
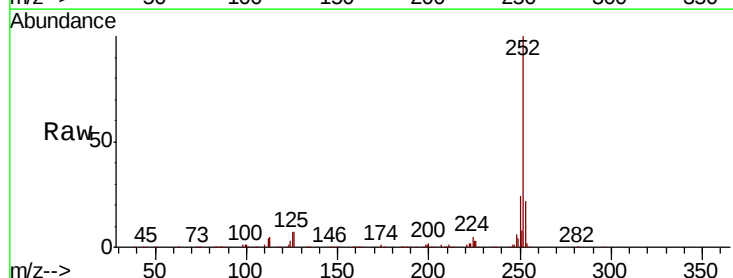
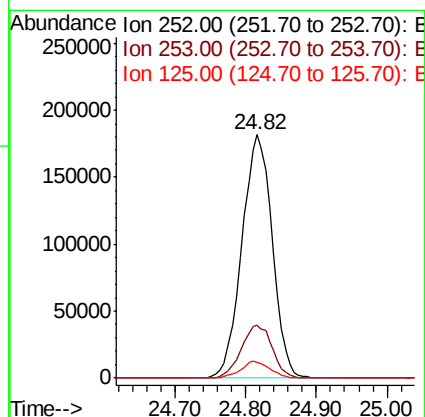
RT: 24.82 min Scan# 3698

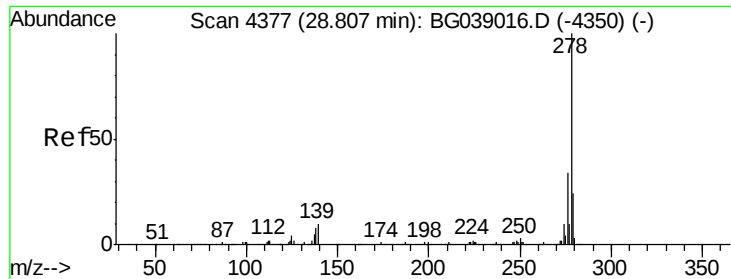
Delta R.T. -0.01 min

Lab File: BG039078.D

Acq: 11 Jan 2019 7:44

Tgt Ion:	252	Resp:	543516
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.3	27.5
125	6.7	4.9	7.3





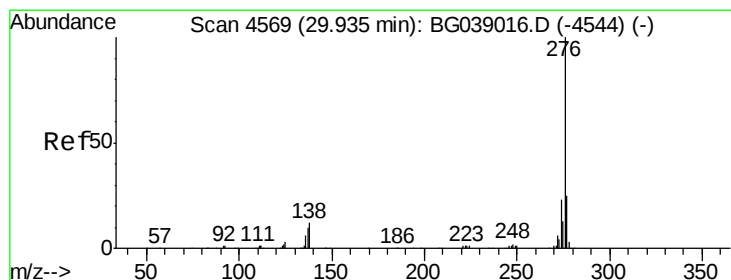
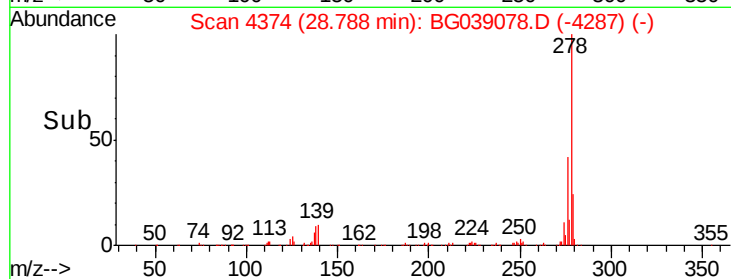
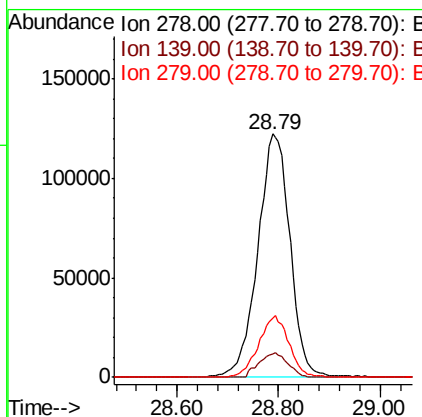
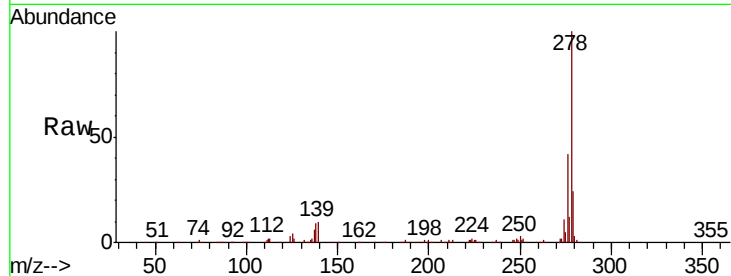
#91
Dibenzo(a,h)anthracene
Concen: 48.247 ng
RT: 28.79 min Scan# 4374
Delta R.T. -0.02 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.9	11.9
279	24.3	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/11/2019 4:44:39 PM



#92
Benzo(g,h,i)perylene
Concen: 48.843 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.01 min
Lab File: BG039078.D
Acq: 11 Jan 2019 7:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.3	30.5
138	13.3	9.4	14.2

