

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
 Data File : BG044704.D
 Acq On : 9 Mar 2020 15:55
 Operator : CG/JU
 Sample : L1161-03
 Misc : MDL - MDL-SOIL 8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

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Quant Time: Mar 09 19:06:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	86592	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	349820	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	238552	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	535261	20.00	ng	0.00
76) Chrysene-d12	21.71	240	519625	20.00	ng	0.00
87) Perylene-d12	24.94	264	601688	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	802096	139.11	ng	0.00
7) Phenol-d6	7.22	99	1154126	132.43	ng	0.01
23) Nitrobenzene-d5	9.22	82	754232	98.17	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	460624	140.57	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1644506	96.03	ng	0.00
79) Terphenyl-d14	20.05	244	2565037	88.11	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	22384	8.099	ng	92
3) Pyridine	3.93	79	48106	5.614	ng	97
4) n-Nitrosodimethylamine	3.84	42	22274	6.145	ng	# 97
6) Aniline	7.38	93	76367	6.995	ng	96
8) 2-Chlorophenol	7.62	128	41865	7.164	ng	92
9) Benzaldehyde	7.19	77	52402	10.244	ng	97
10) Phenol	7.24	94	58012	6.757	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	46552	7.057	ng	98
12) 1,3-Dichlorobenzene	7.95	146	50448	7.259	ng	95
13) 1,4-Dichlorobenzene	8.10	146	49902m	7.187	ng	
14) 1,2-Dichlorobenzene	8.42	146	45109	6.873	ng	99
15) Benzyl Alcohol	8.29	79	47720	6.347	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	85904	6.893	ng	96
17) 2-Methylphenol	8.50	107	39586	6.730	ng	95
18) Hexachloroethane	9.16	117	19122	6.867	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	44503	6.835	ng	# 95
20) 3+4-Methylphenols	8.82	107	55058	6.719	ng	95
22) Acetophenone	8.88	105	81644	7.995	ng	96
24) Nitrobenzene	9.26	77	63037	7.738	ng	# 97
25) Isophorone	9.79	82	116832	6.895	ng	98
26) 2-Nitrophenol	9.98	139	15059	5.653	ng	# 86
27) 2,4-Dimethylphenol	10.04	122	40154	7.554	ng	88
28) bis(2-Chloroethoxy)methane	10.27	93	67246	7.050	ng	95
29) 2,4-Dichlorophenol	10.51	162	40082	6.627	ng	88
30) 1,2,4-Trichlorobenzene	10.74	180	50575	7.199	ng	93
31) Naphthalene	10.92	128	149467	7.614	ng	96
32) Benzoic acid	10.10	122	10404m	2.791	ng	
33) 4-Chloroaniline	11.02	127	62416	6.903	ng	95
34) Hexachlorobutadiene	11.22	225	31687	6.601	ng	92
35) Caprolactam	11.76	113	15699	6.218	ng	# 85
36) 4-Chloro-3-methylphenol	12.13	107	50877	6.642	ng	88
37) 2-Methylnaphthalene	12.53	142	114065	7.699	ng	99
38) 1-Methylnaphthalene	12.75	142	108692	7.761	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	60882	7.862	ng	98

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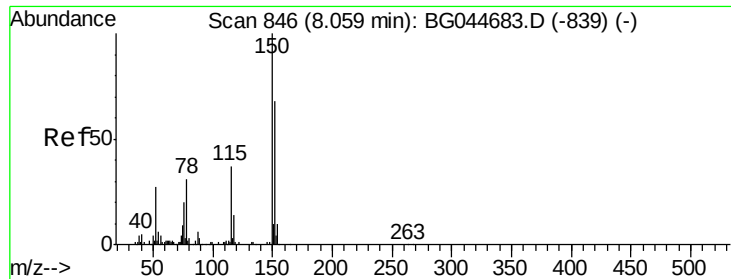
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Quant Time: Mar 09 19:06:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 17:42:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	30405	6.714	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	32897	6.128	nq	87
44) 2,4,5-Trichlorophenol	13.19	196	37463	6.804	nq	96
46) 1,1'-Biphenyl	13.53	154	147554	7.777	nq	96
47) 2-Chloronaphthalene	13.57	162	105124	7.264	nq	95
48) 2-Nitroaniline	13.76	65	24144	4.946	nq	94
49) Acenaphthylene	14.41	152	182585	7.874	nq	100
50) Dimethylphthalate	14.14	163	144430	7.283	nq	96
51) 2,6-Dinitrotoluene	14.25	165	22169	6.221	nq	97
52) Acenaphthene	14.76	154	107402	7.164	nq	97
53) 3-Nitroaniline	14.58	138	24437	5.950	nq	87
54) 2,4-Dinitrophenol	14.78	184	8072	4.879	nq	# 81
55) Dibenzofuran	15.09	168	173386	7.718	nq	97
56) 4-Nitrophenol	14.87	139	18579	5.814	nq	# 80
57) 2,4-Dinitrotoluene	15.04	165	26692	5.606	nq	# 95
58) Fluorene	15.74	166	141385	7.609	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	35147	6.707	nq	95
60) Diethylphthalate	15.51	149	150164	7.082	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	75610	7.499	nq	91
62) 4-Nitroaniline	15.74	138	28727	6.351	nq	87
63) Azobenzene	16.03	77	168489	7.593	nq	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	13598	6.218	nq	85
66) n-Nitrosodiphenylamine	15.95	169	126745	7.745	nq	95
67) 4-Bromophenyl-phenylether	16.63	248	48064	7.120	nq	95
68) Hexachlorobenzene	16.75	284	52763	7.238	nq	93
69) Atrazine	16.89	200	54046	8.545	nq	94
70) Pentachlorophenol	17.09	266	25715	6.217	nq	99
71) Phenanthrene	17.48	178	231746	7.896	nq	99
72) Anthracene	17.57	178	241608	8.358	nq	99
73) Carbazole	17.83	167	225961	8.162	nq	96
74) Di-n-butylphthalate	18.42	149	267114	7.661	nq	96
75) Fluoranthene	19.49	202	294792	8.311	nq	96
77) Benzidine	19.66	184	160311	7.728	nq	96
78) Pyrene	19.85	202	299527	7.557	nq	97
80) Butylbenzylphthalate	20.75	149	111312	6.292	nq	93
81) Benzo(a)anthracene	21.69	228	296909	7.619	nq	97
82) 3,3'-Dichlorobenzidine	21.61	252	114923	7.407	nq	98
83) Chrysene	21.76	228	282983	7.629	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	167730	6.799	nq	99
85) Di-n-octyl phthalate	22.86	149	272399	6.430	nq	98
86) Indeno(1,2,3-cd)pyrene	28.59	276	342014	6.982	nq	100
88) Benzo(b)fluoranthene	23.91	252	299709m	7.319	nq	
89) Benzo(k)fluoranthene	23.98	252	290601	7.571	nq	98
90) Benzo(a)pyrene	24.78	252	272789	7.152	nq	# 91
91) Dibenzo(a,h)anthracene	28.67	278	284441	7.479	nq	98
92) Benzo(g,h,i)perylene	29.73	276	287542	7.548	nq	98

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



#1

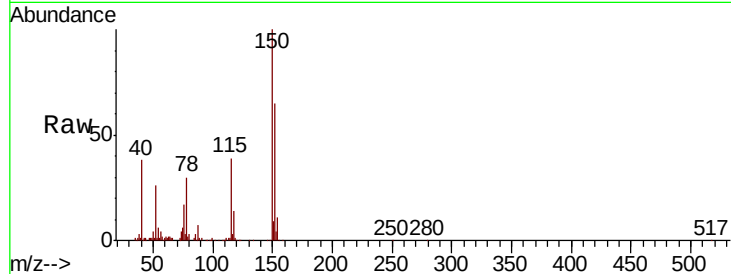
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	118.6	177.8
115	59.6	43.6	65.4

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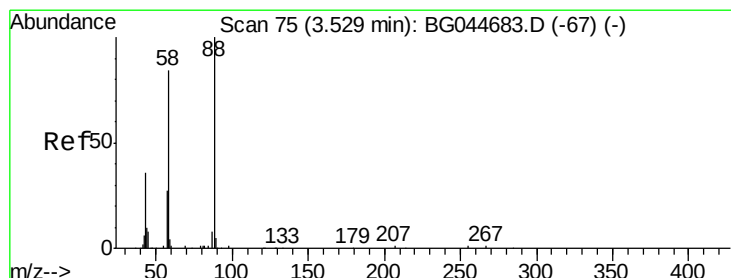
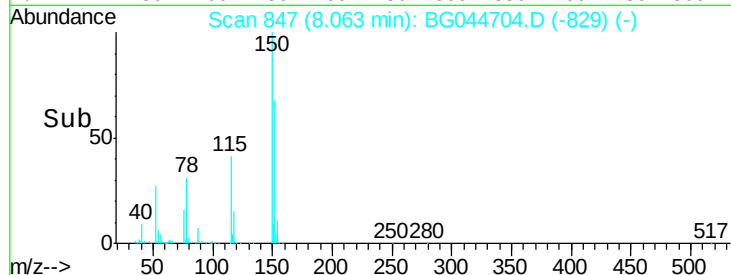
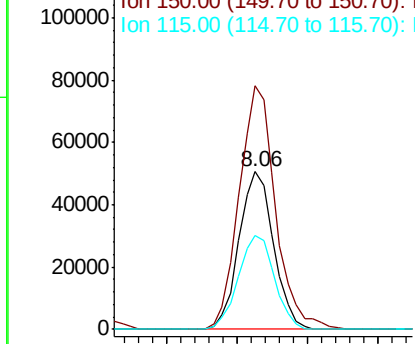


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

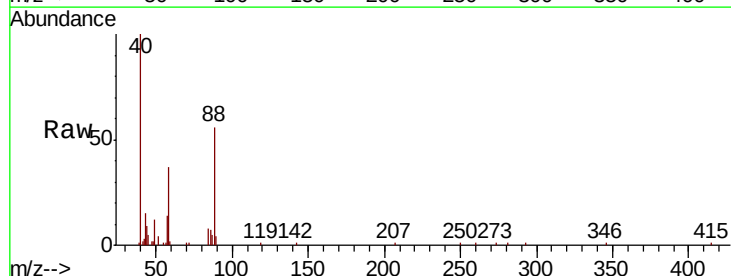
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 8.099 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	66.6	99.8
43	32.6	27.4	41.2

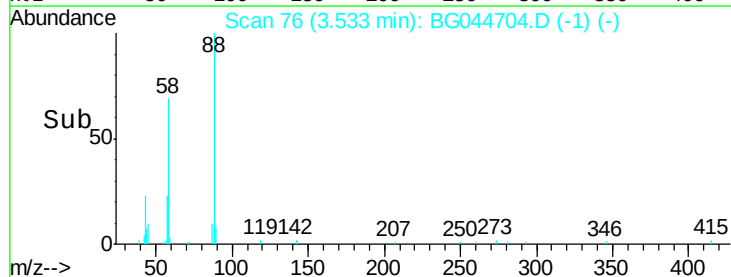
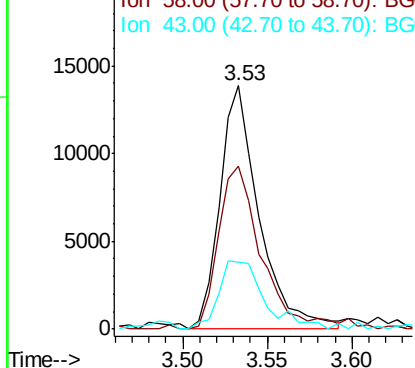


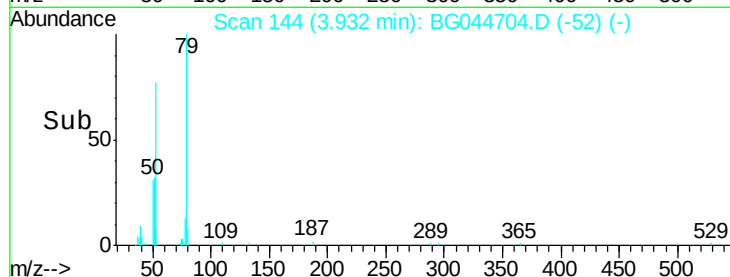
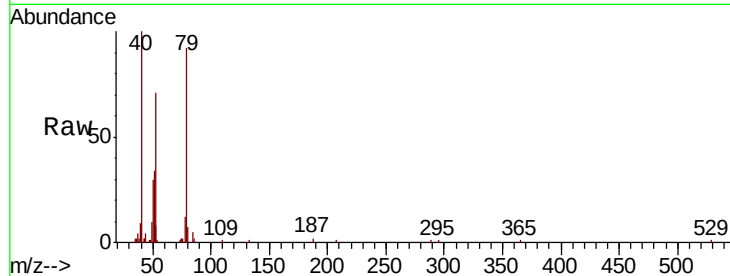
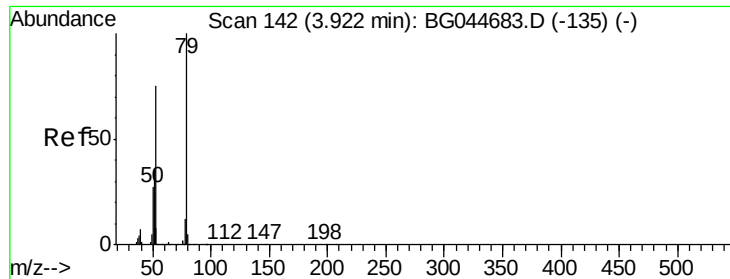
Abundance

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





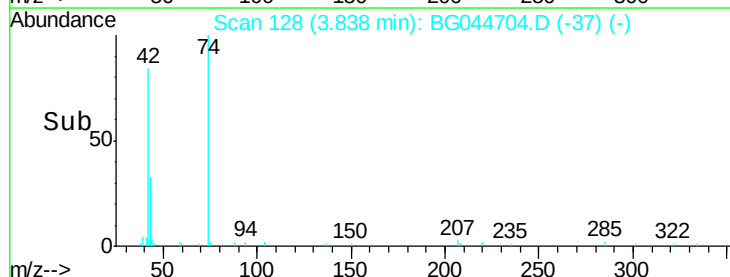
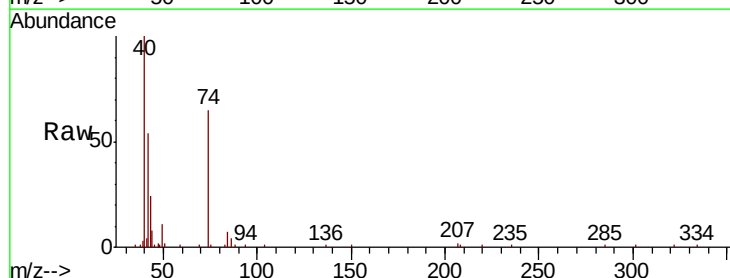
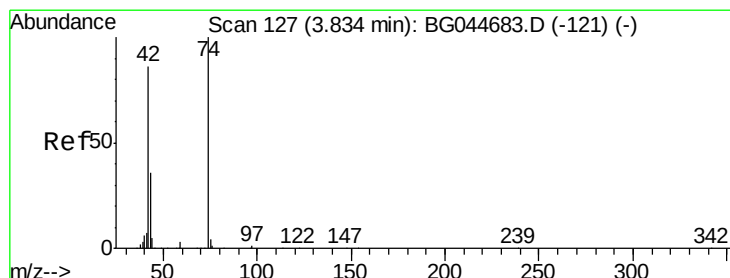
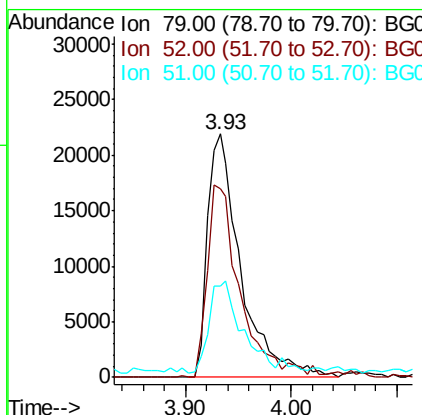
#3
 Pvridine
 Concen: 5.614 ng
 RT: 3.93 min Scan# 144
 Delta R.T. 0.01 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.4	59.9	89.9
51	37.6	29.3	43.9

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

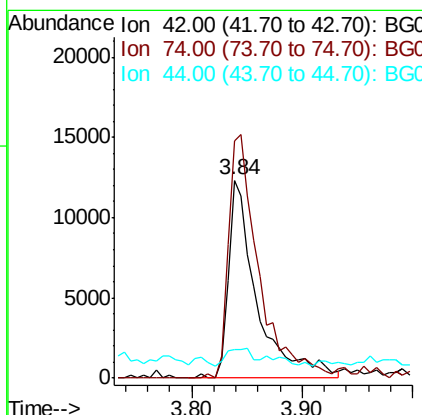
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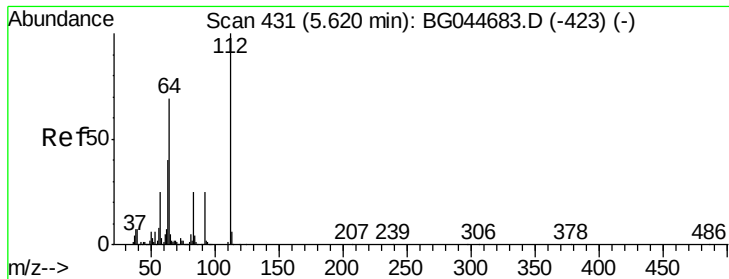
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#4
 n-Nitrosodimethylamine
 Concen: 6.145 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.8	93.4	140.2
44	14.7	8.9	13.3





#5

2-Fluorophenol

Concen: 139.114 ng

RT: 5.62 min Scan# 432

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

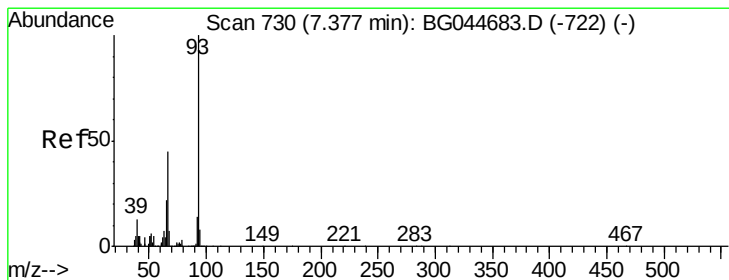
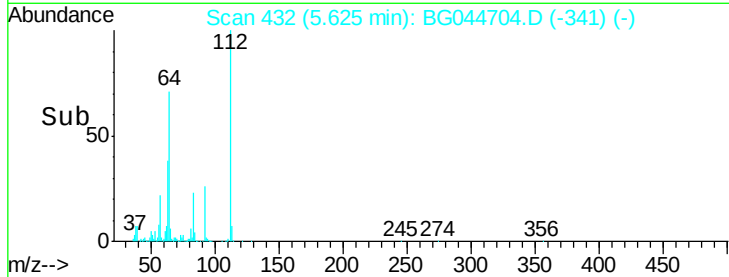
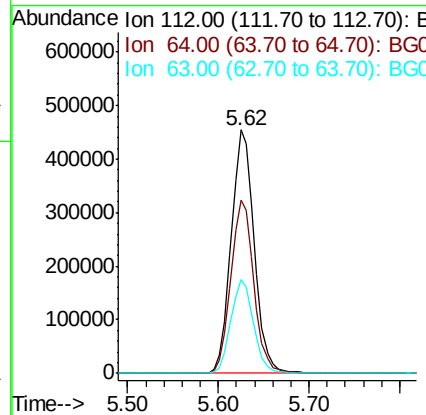
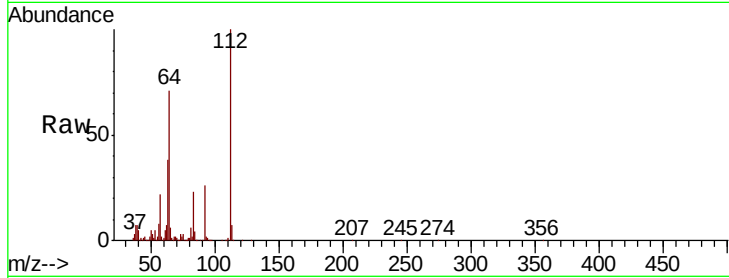
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion:	112	Resp:	802096
Ion Ratio	Lower	Upper	
112	100		
64	71.0	55.4	83.0
63	38.4	32.1	48.1

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#6

Aniline

Concen: 6.995 ng

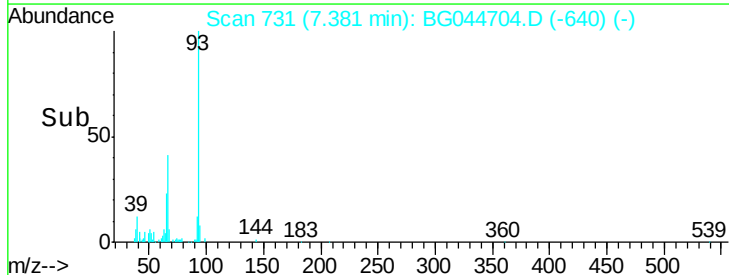
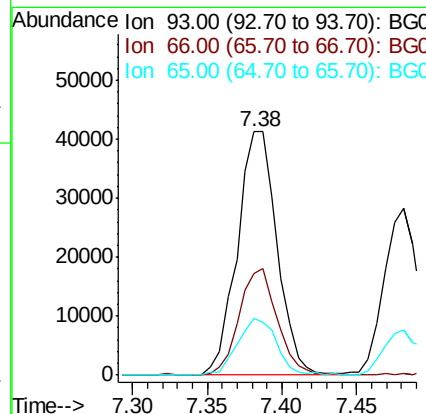
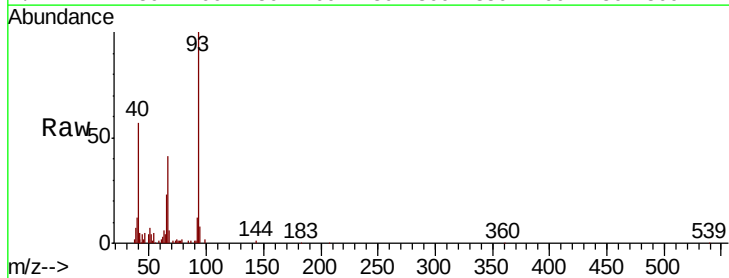
RT: 7.38 min Scan# 731

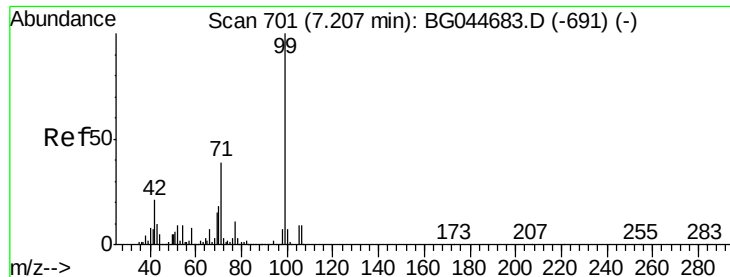
Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion:	93	Resp:	76367
Ion Ratio	Lower	Upper	
93	100		
66	41.5	35.8	53.8
65	23.3	17.9	26.9





#7

Phenol-d6

Concen: 132.427 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion: 99 Resp: 1154126

Ion Ratio Lower Upper

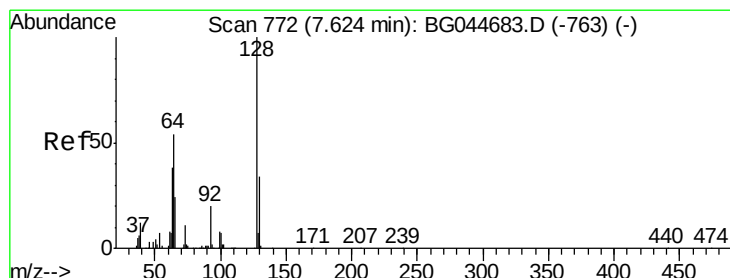
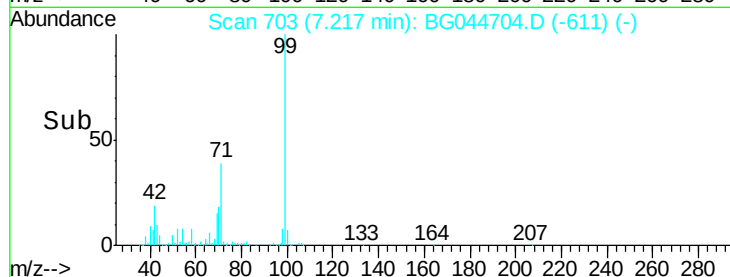
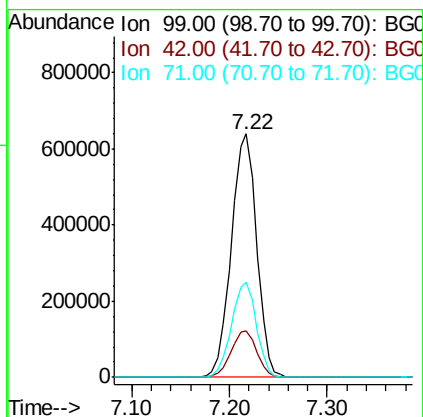
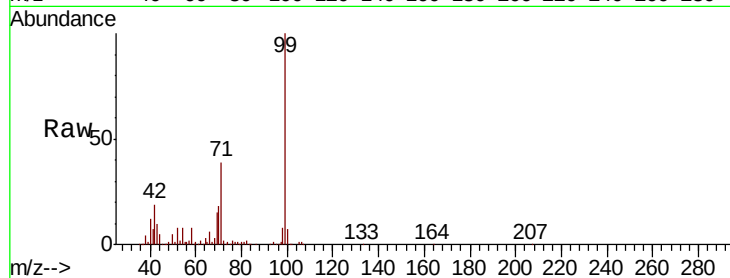
99 100

42 19.0 16.5 24.7

71 39.0 30.9 46.3

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#8

2-Chlorophenol

Concen: 7.164 ng

RT: 7.62 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

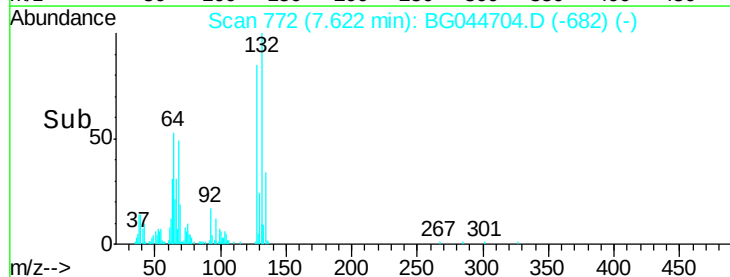
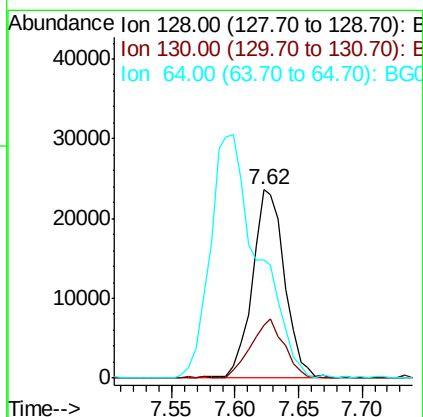
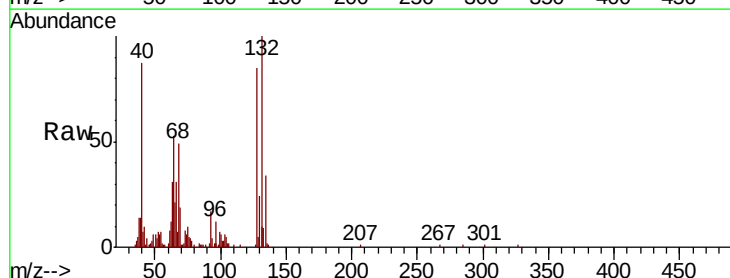
Tgt Ion:128 Resp: 41865

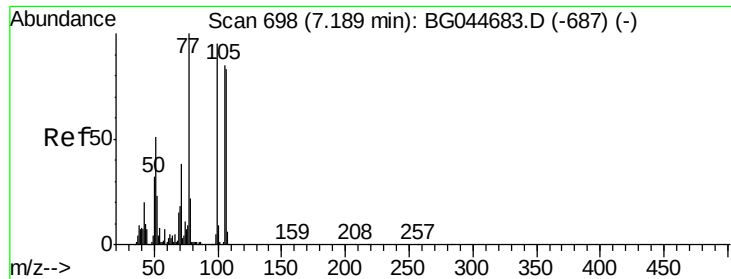
Ion Ratio Lower Upper

128 100

130 28.3 14.0 54.0

64 62.7 37.6 77.6





#9

Benzaldehyde

Concen: 10.244 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

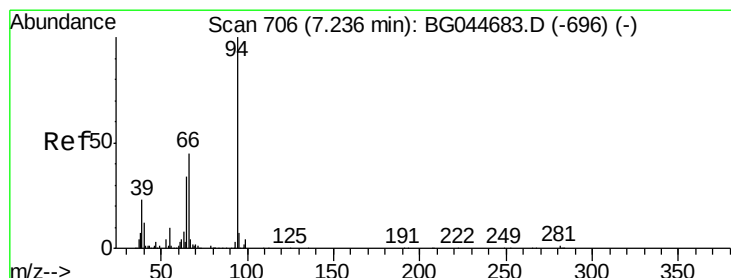
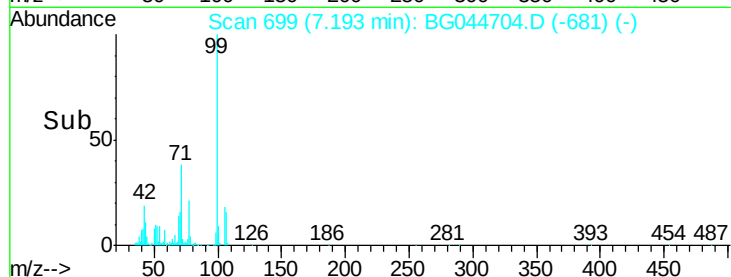
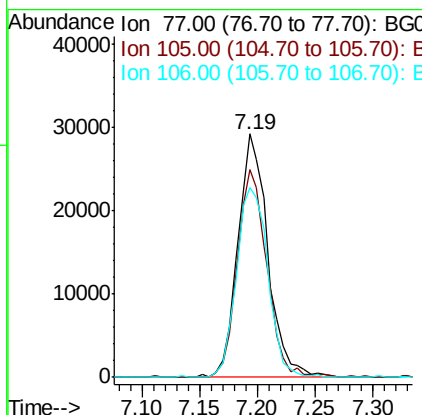
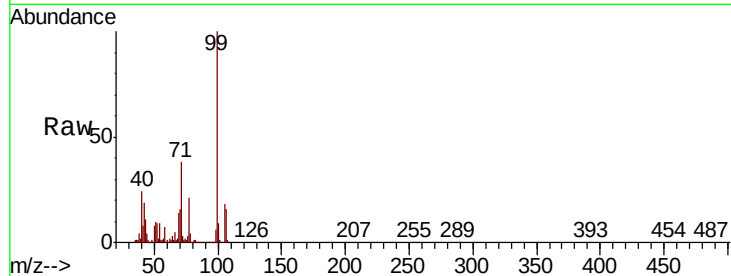
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	85.6	65.1	105.1	
106	77.9	63.1	103.1	

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#10

Phenol

Concen: 6.757 ng

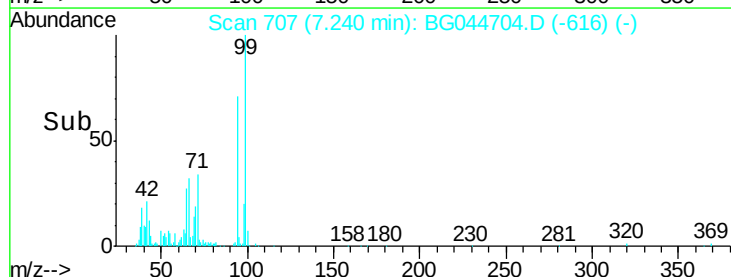
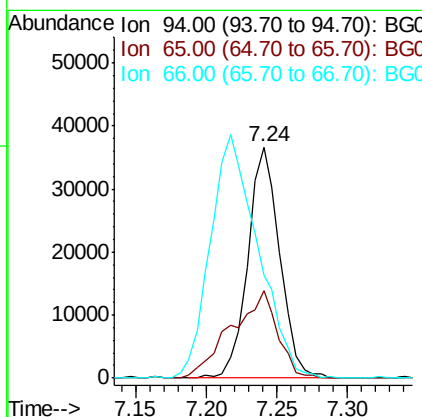
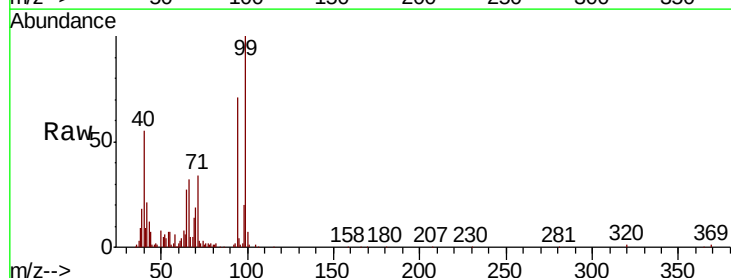
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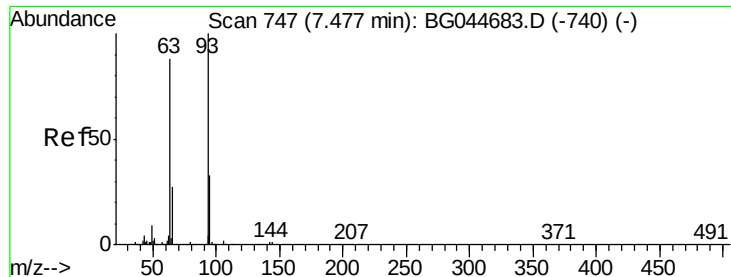
Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	37.7	13.5	53.5	
66	44.2	25.8	65.8	





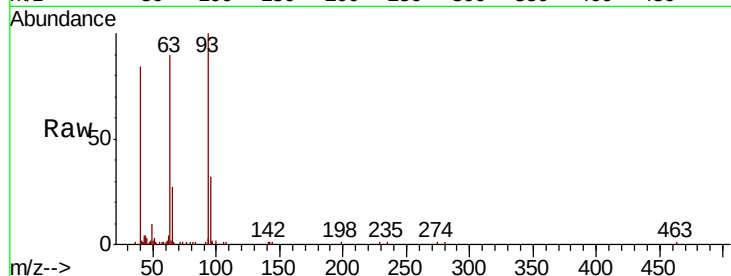
#11
bis(2-Chloroethyl)ether
Concen: 7.057 ng
RT: 7.48 min Scan# 748
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	67.8	107.8
95	31.6	13.0	53.0

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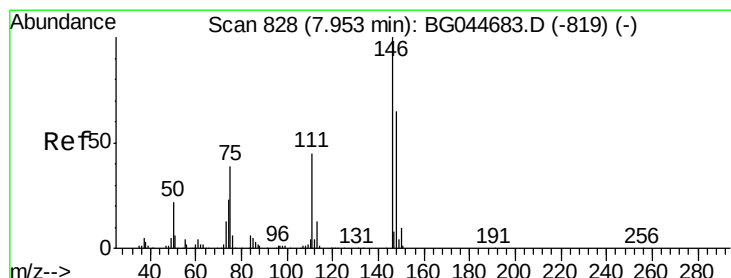
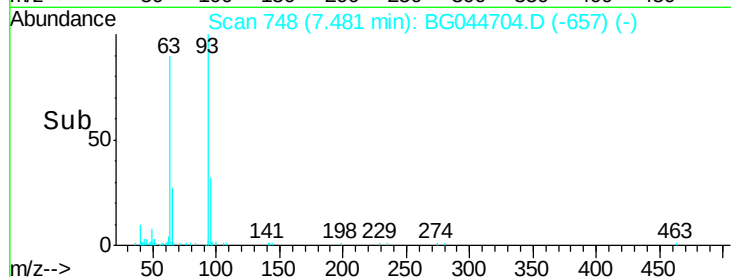
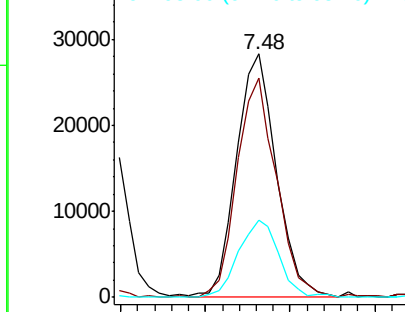


Abundance

Ion 93.00 (92.70 to 93.70): BGC

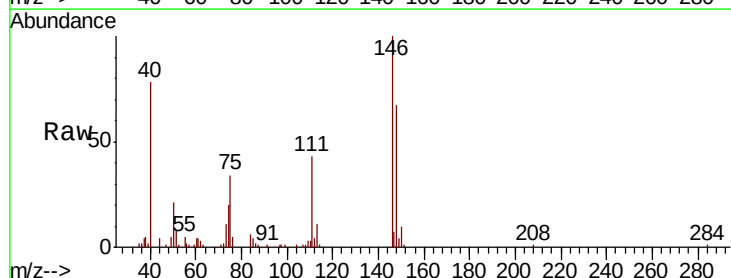
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 7.259 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.9	77.9
75	33.6	31.0	46.6

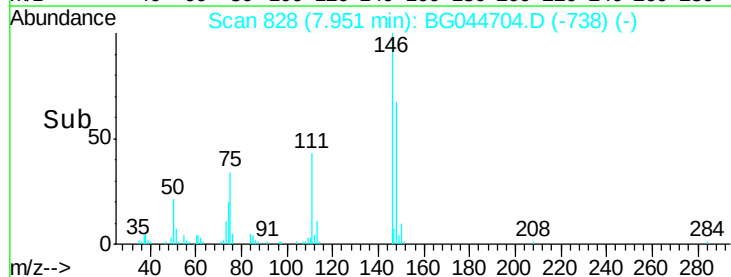
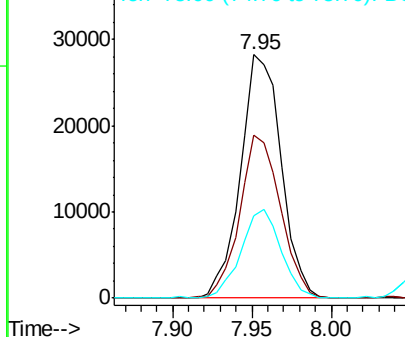


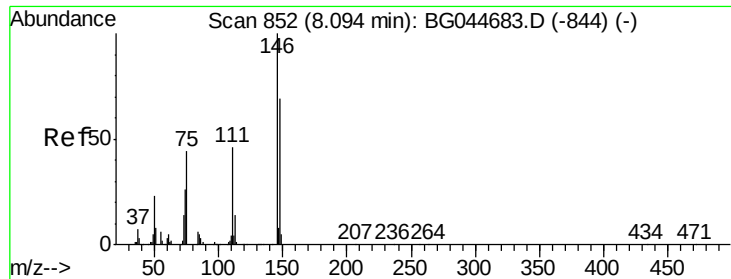
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





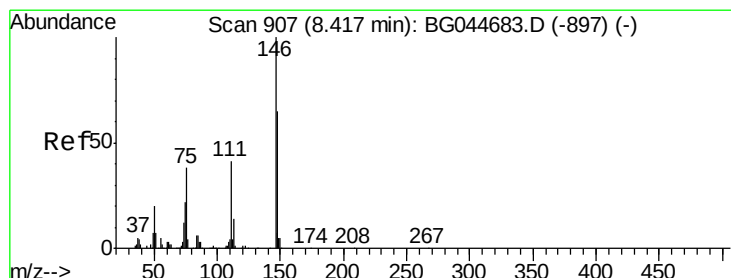
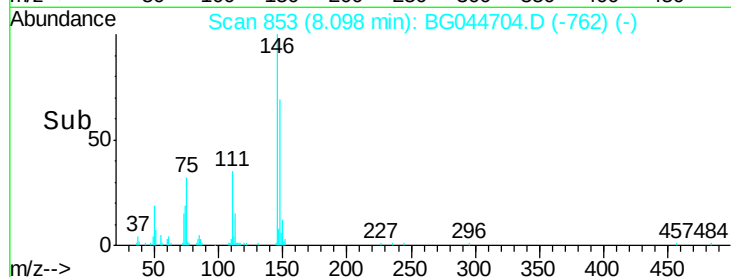
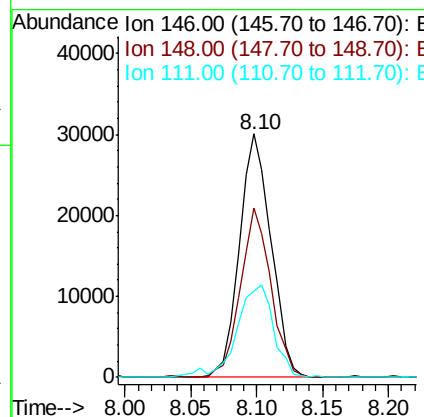
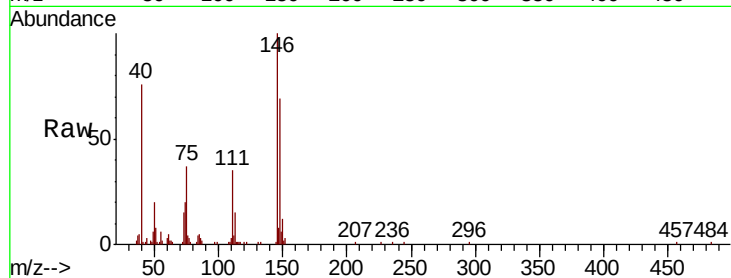
#13
 1,4-Dichlorobenzene
 Concen: 7.187 ng m
 RT: 8.10 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.3	55.0	82.4
111	35.2	37.2	55.8

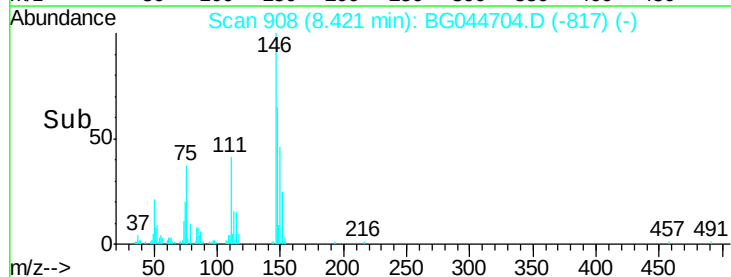
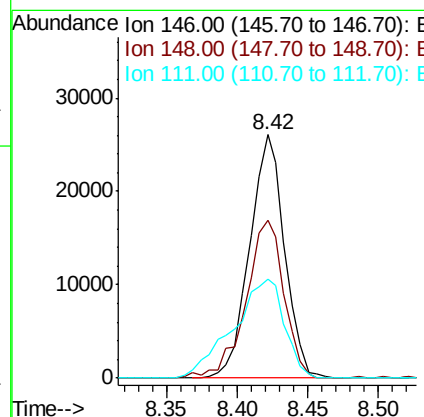
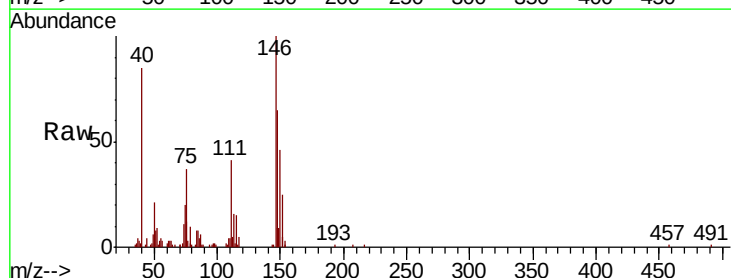
Manual Integrations
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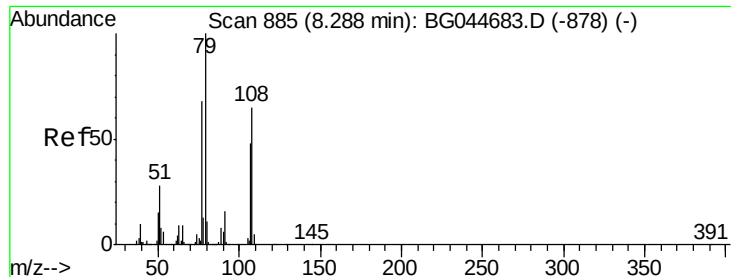
mohammad
 3/10/2020 2:43:46 PM



#14
 1,2-Dichlorobenzene
 Concen: 6.873 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
111	40.6	33.4	50.0





#15

Benzyl Alcohol

Concen: 6.347 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

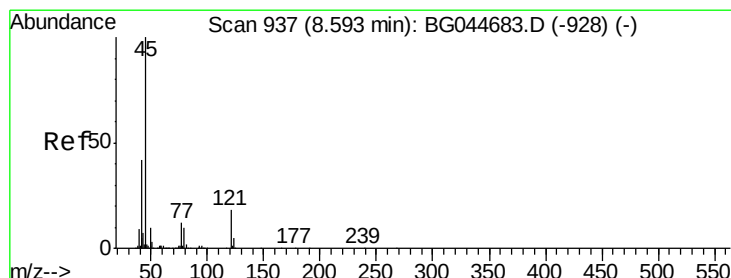
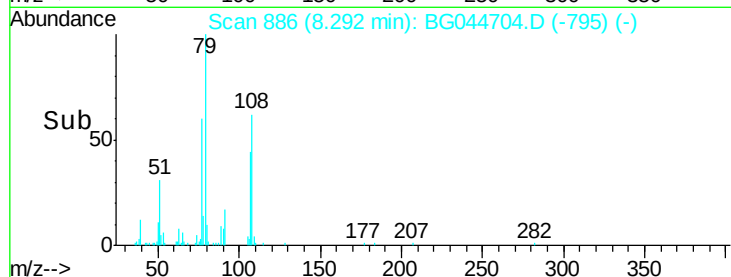
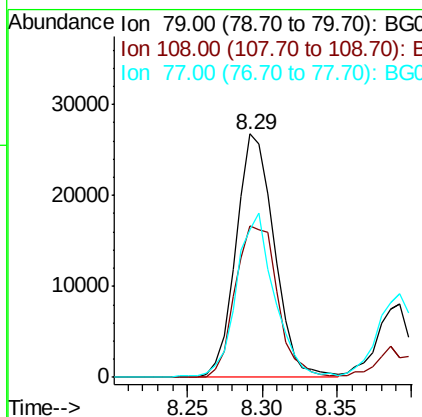
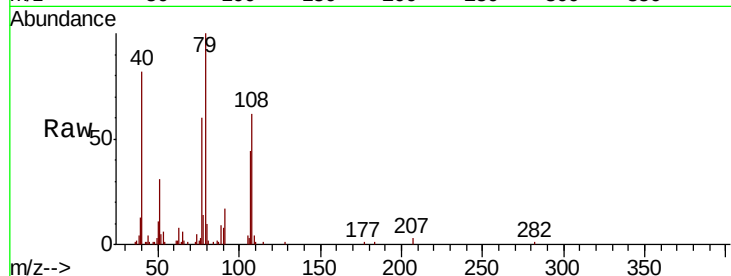
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion:	79	Resp:	47720
Ion	Ratio	Lower	Upper
79	100		
108	62.4	52.2	78.4
77	60.4	54.2	81.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.893 ng

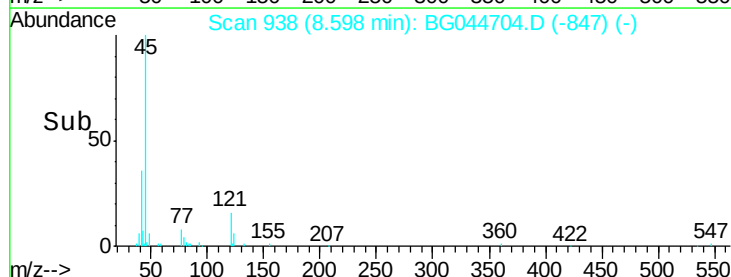
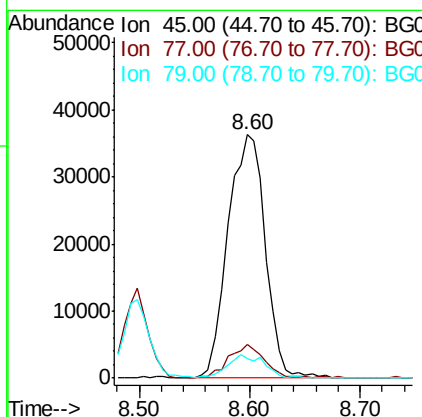
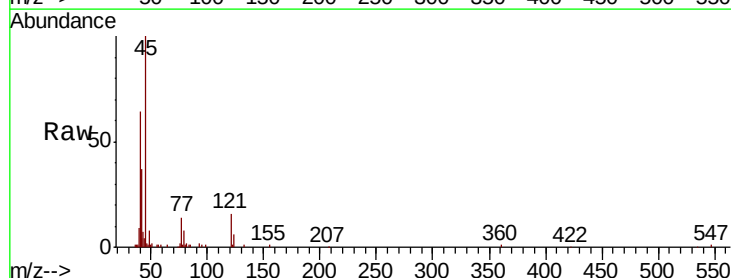
RT: 8.60 min Scan# 938

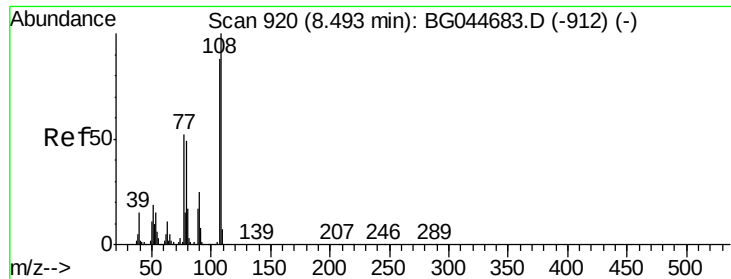
Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion:	45	Resp:	85904
Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	32.1
79	8.1	0.0	29.9





#17

2-Methylphenol

Concen: 6.730 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

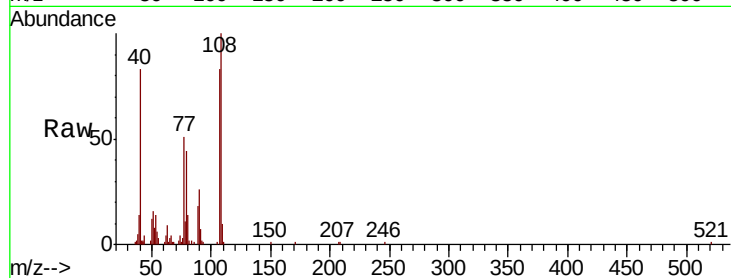
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	120.4	90.5	135.7	
77	77	61.1	47.3	70.9	
79	79	53.2	44.6	67.0	

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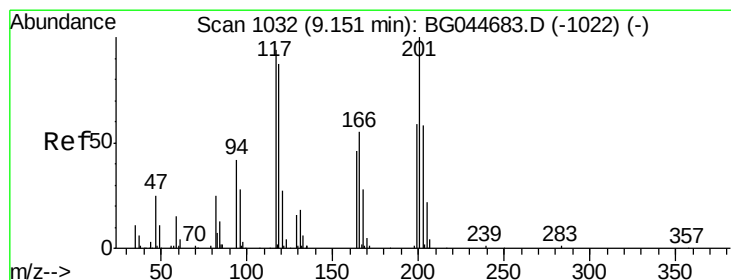
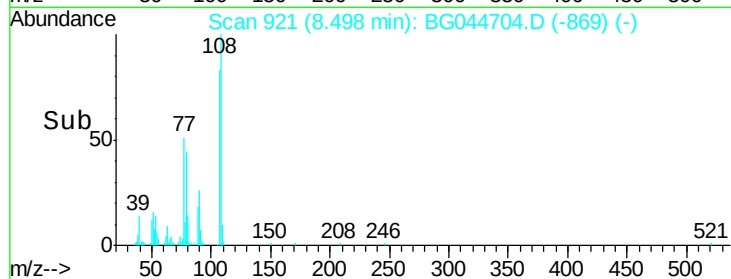
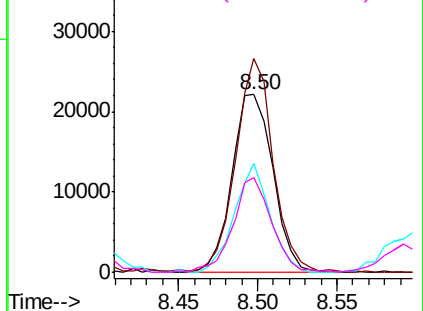
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 6.867 ng

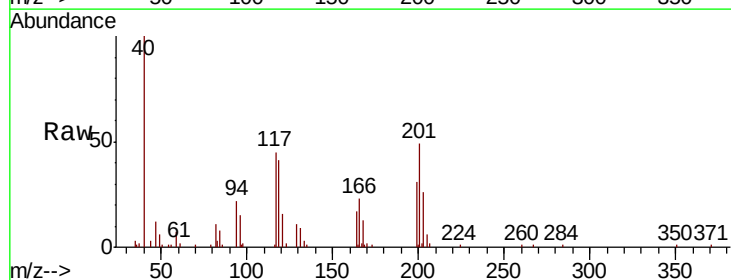
RT: 9.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	91.7	74.5	111.7	
201	201	108.7	85.5	128.3	

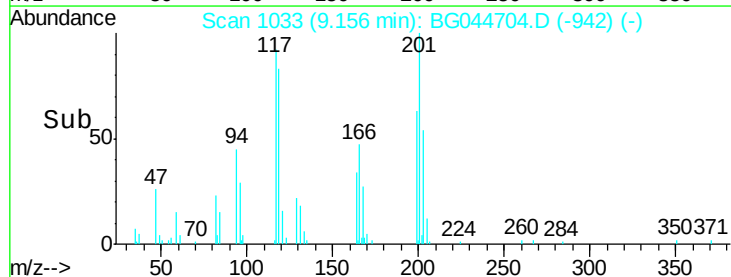
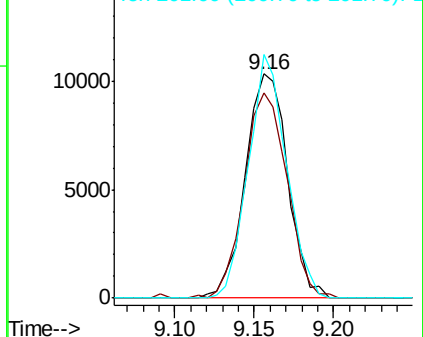


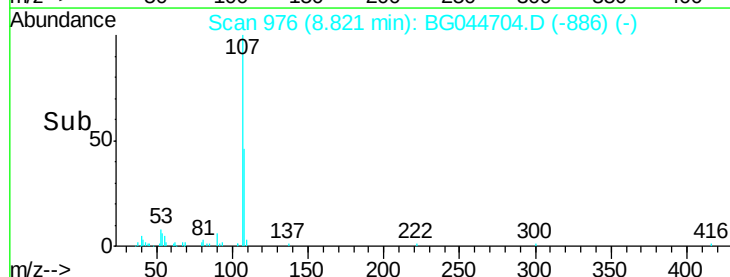
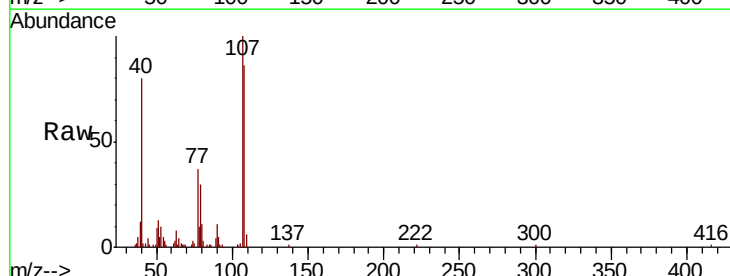
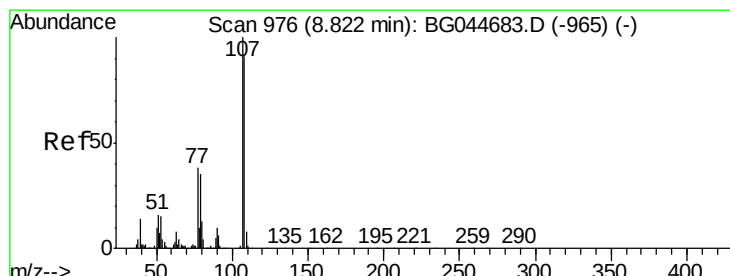
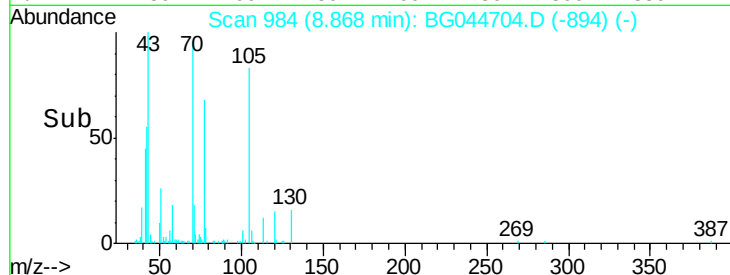
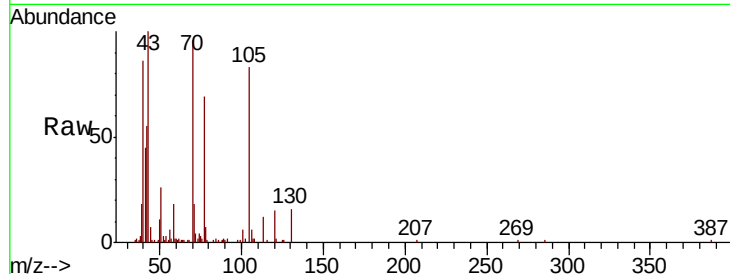
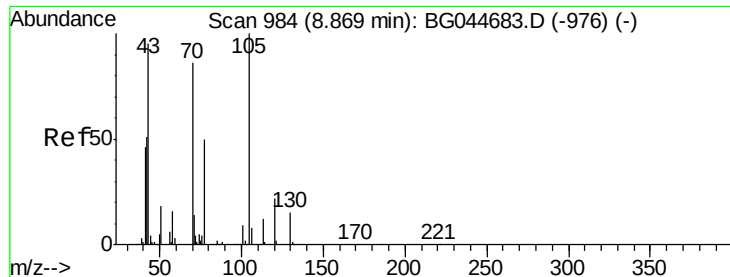
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





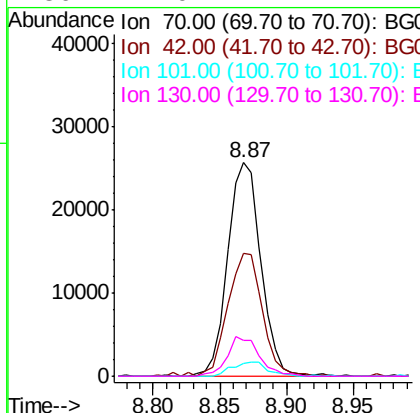
#19
n-Nitroso-di-n-propylamine
Concen: 6.835 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	48.9	73.3	
101	6.2	8.0	12.0	
130	17.0	14.1	21.1	

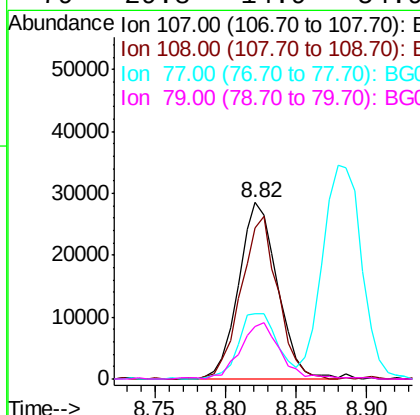
Manual Integrations
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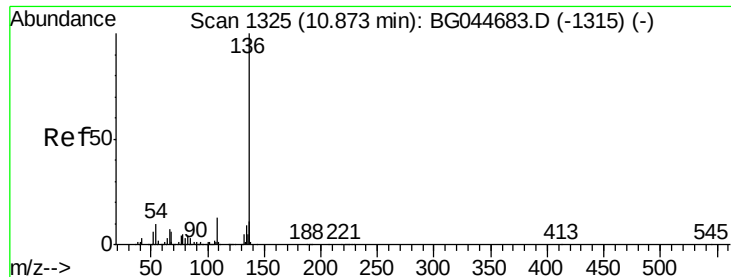
mohammad
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#20
3+4-Methylphenols
Concen: 6.719 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	70.8	110.8	
77	37.1	17.8	57.8	
79	29.8	14.9	54.9	





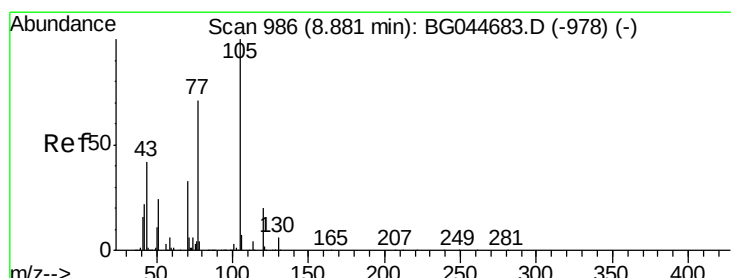
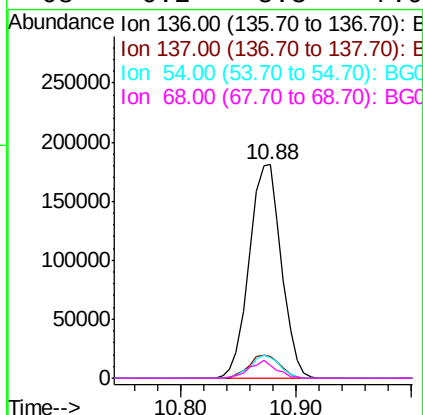
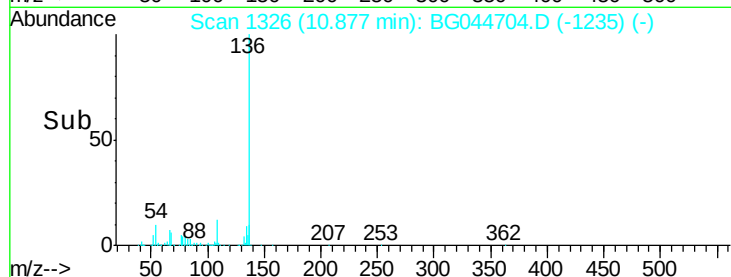
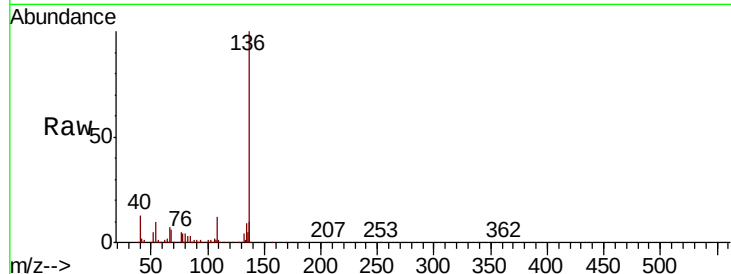
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	349820		
137	10.2		8.6	12.8
54	9.9		8.2	12.4
68	6.2		5.3	7.9

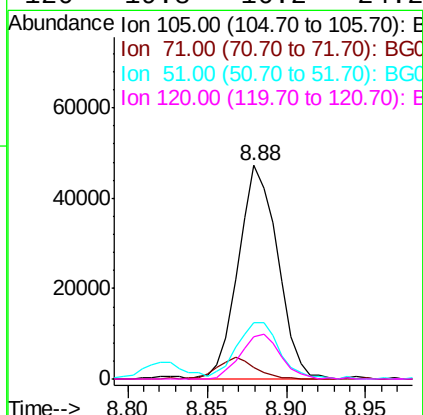
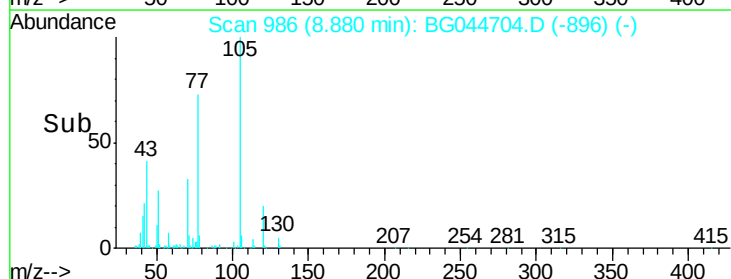
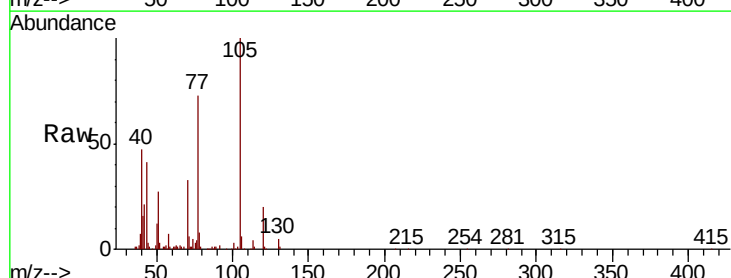
Manual Integrations
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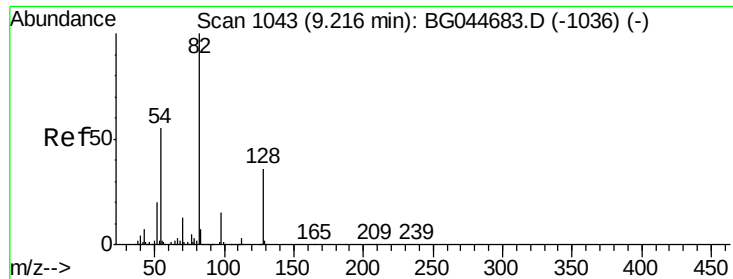
mohammad
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#22
Acetophenone
Concen: 7.995 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	81644		
71	5.5		4.8	7.2
51	26.5		24.0	36.0
120	19.8		16.2	24.2





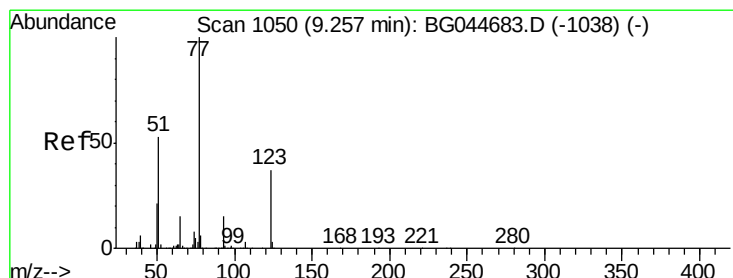
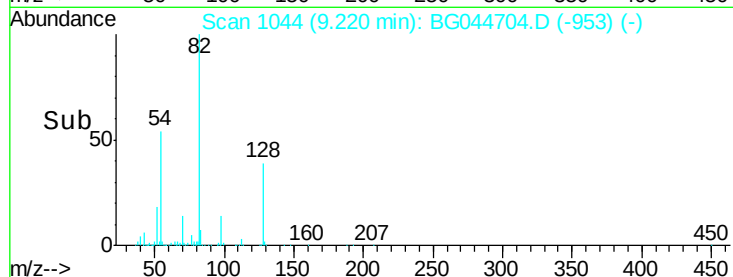
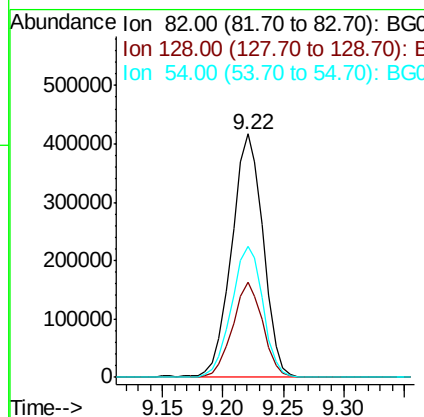
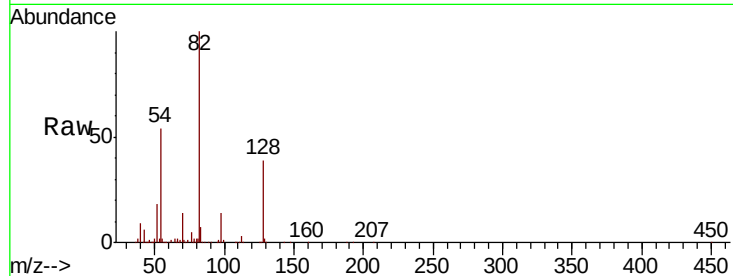
#23
 Nitrobenzene-d5
 Concen: 98.167 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100		754232		
128	38.9	28.5	42.7		
54	53.7	43.6	65.4		

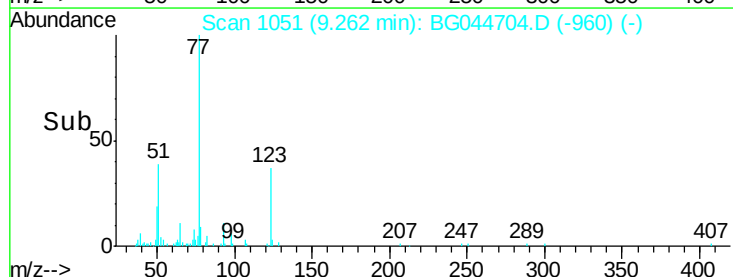
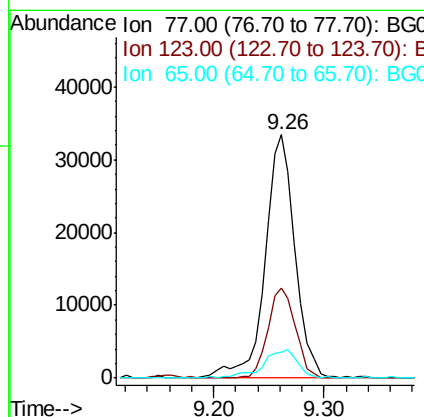
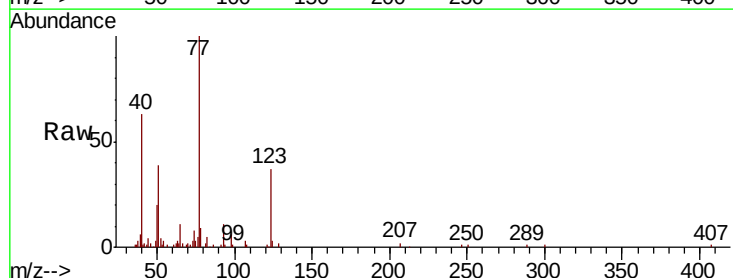
Manual Integrations
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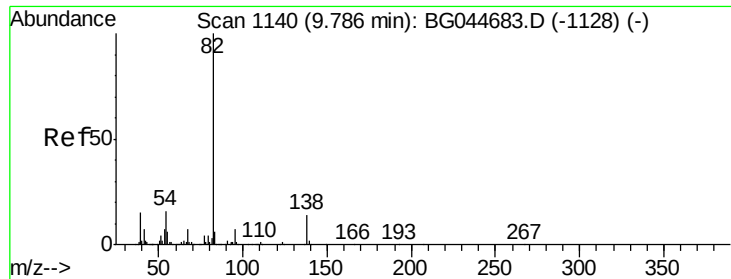
mohammad
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#24
 Nitrobenzene
 Concen: 7.738 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		63037		
123	36.8	29.7	44.5		
65	10.5	11.7	17.5		





#25

Isophorone

Concen: 6.895 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

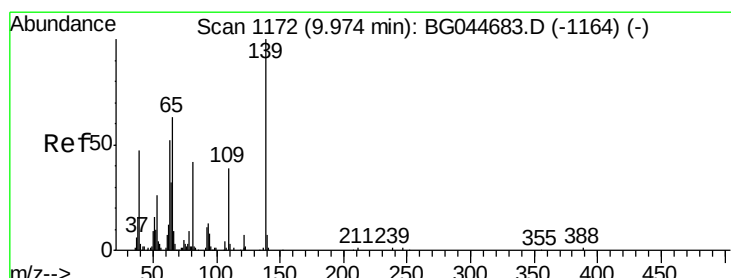
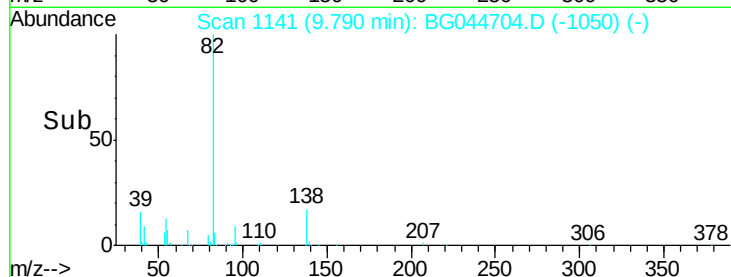
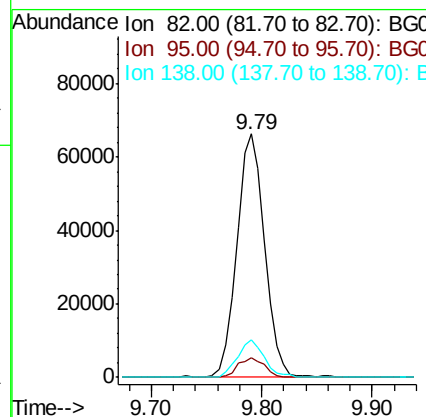
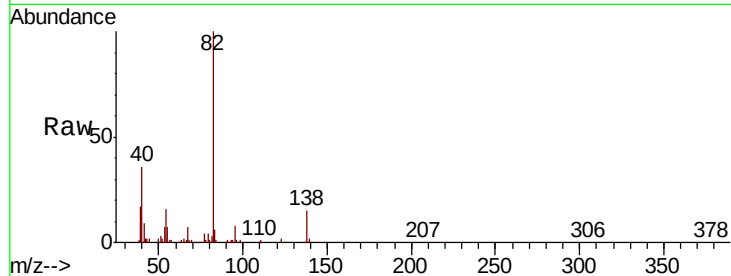
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion:	82	Resp:	116832
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.0	9.0
138	15.2	11.2	16.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 5.653 ng

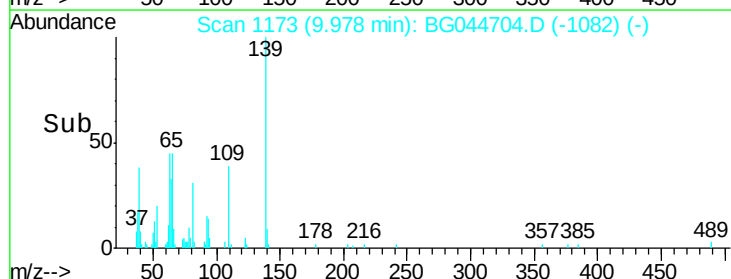
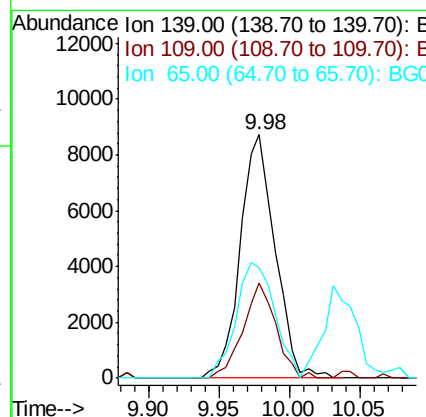
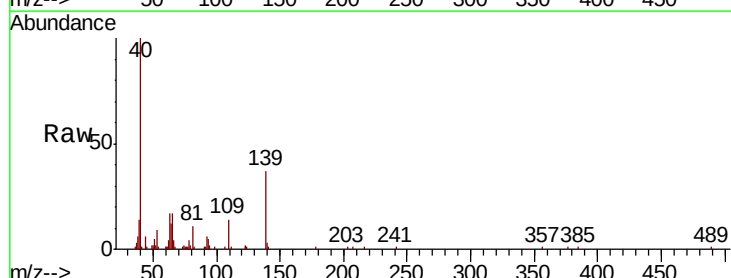
RT: 9.98 min Scan# 1173

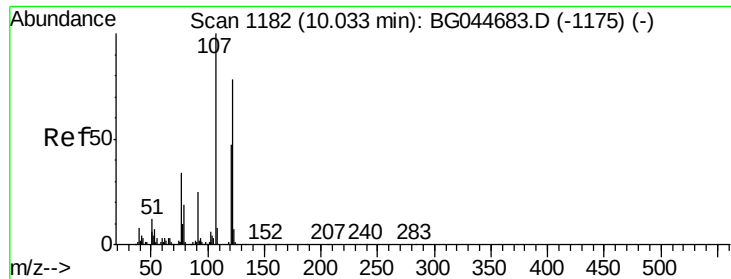
Delta R.T. 0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion:	139	Resp:	15059
Ion Ratio	Lower	Upper	
139	100		
109	39.1	31.1	46.7
65	45.5	50.2	75.4#





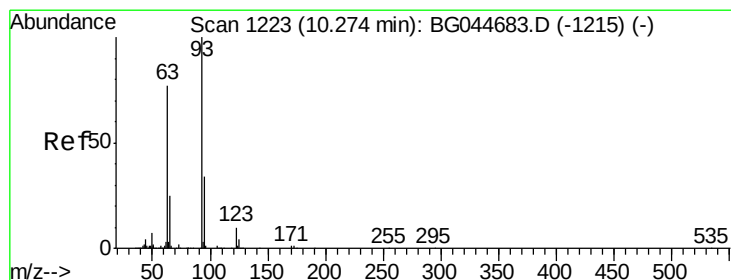
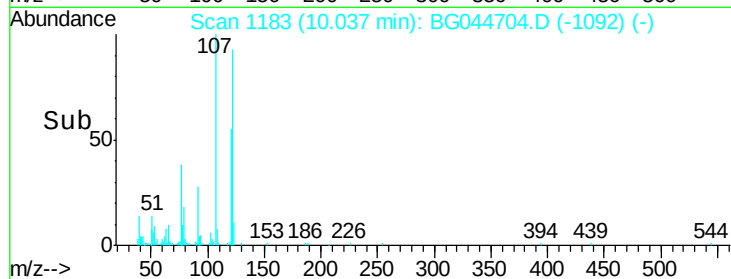
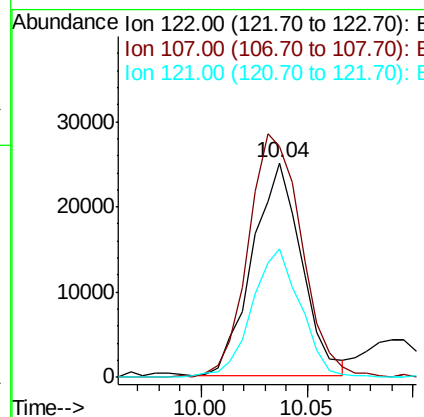
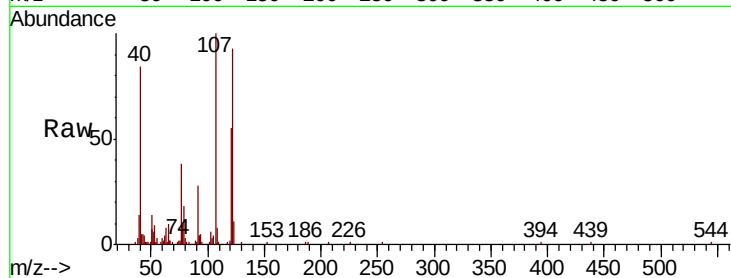
#27
2,4-Dimethylphenol
Concen: 7.554 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.6	101.7	152.5
121	59.6	47.5	71.3

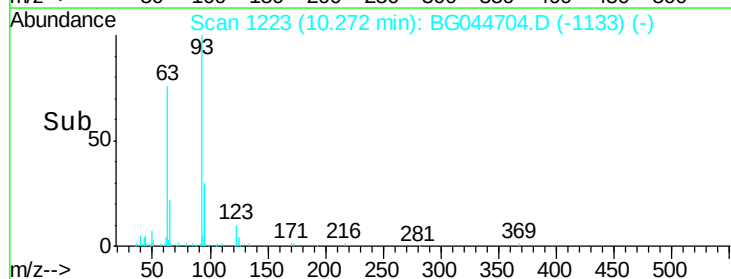
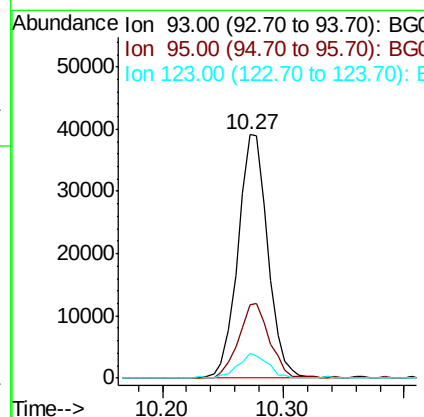
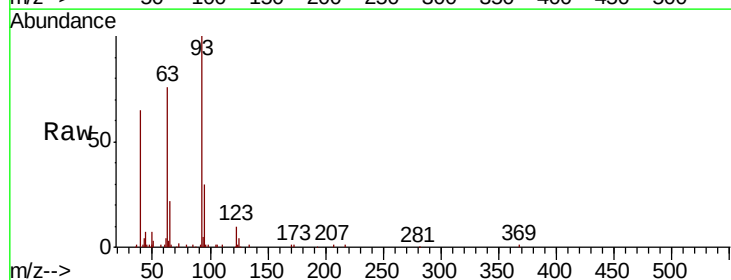
Manual Integrations
APPROVED

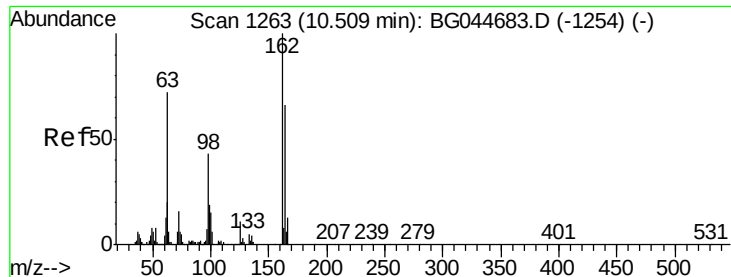
mohammad
3/10/2020 2:43:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 7.050 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.1	27.0	40.6
123	10.2	8.3	12.5





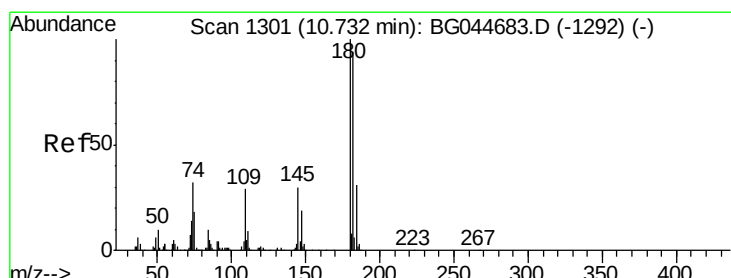
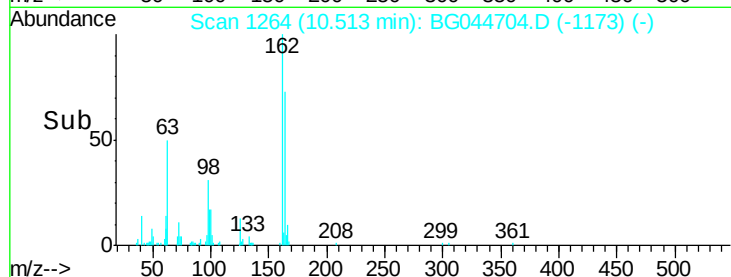
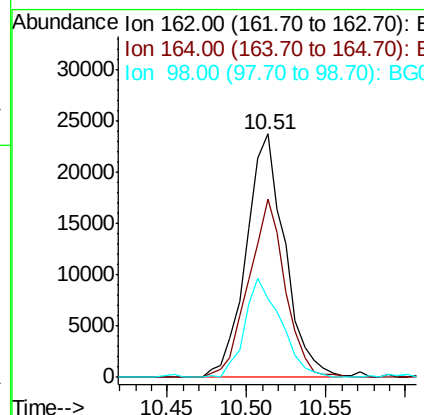
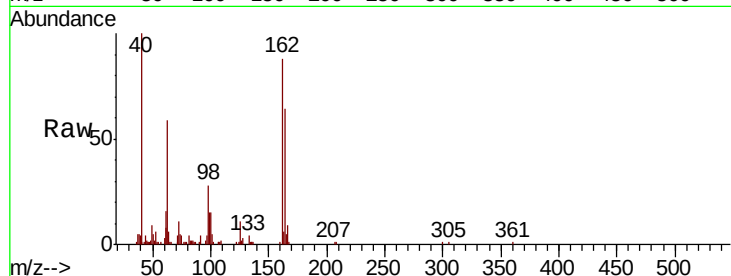
#29
2,4-Dichlorophenol
Concen: 6.627 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	73.1	46.1	86.1
98	32.0	22.8	62.8

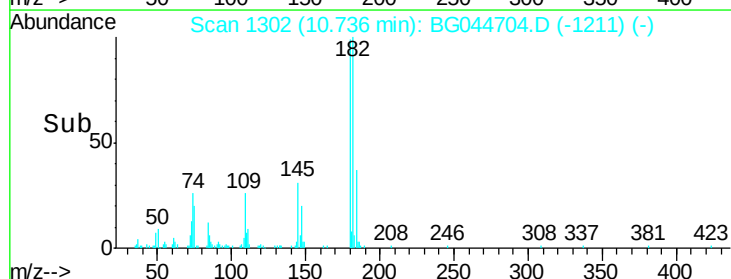
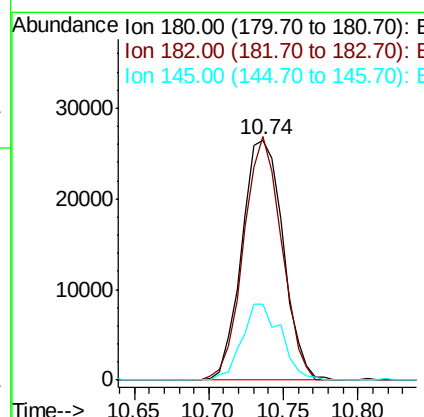
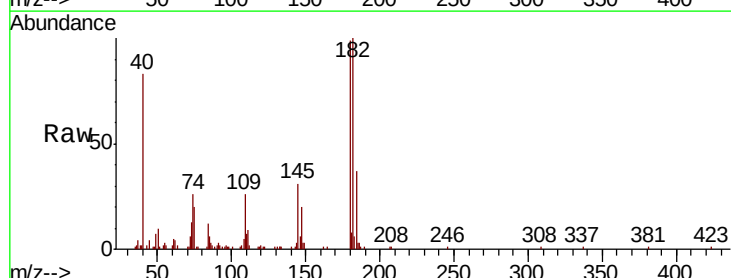
Manual Integrations
APPROVED

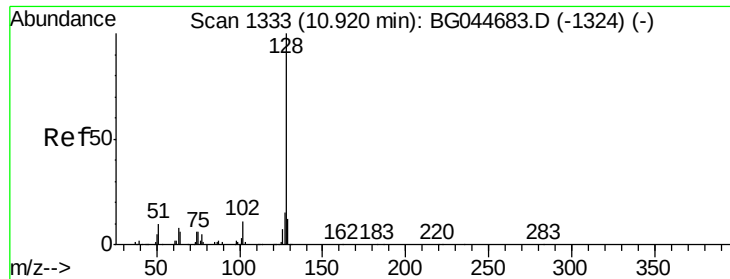
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 7.199 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.4	75.1	112.7
145	31.9	23.8	35.8





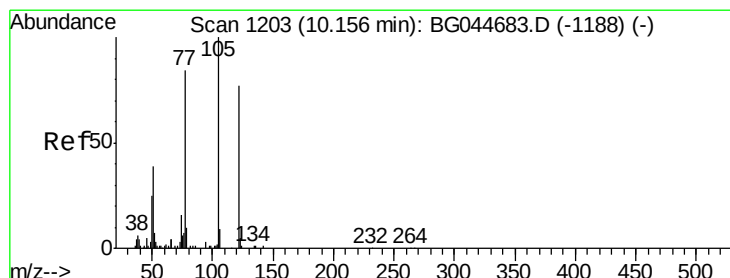
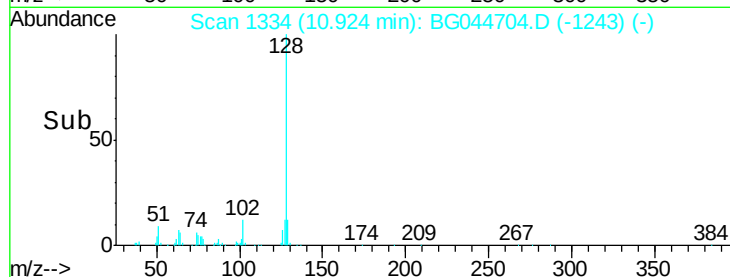
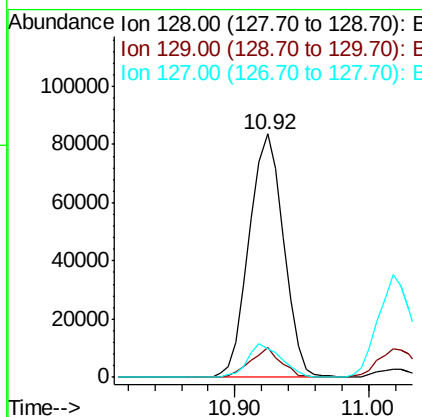
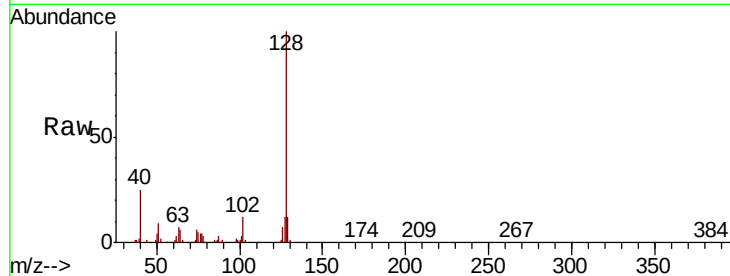
#31
Naphthalene
Concen: 7.614 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.7	14.5
127	11.6	11.6	17.4

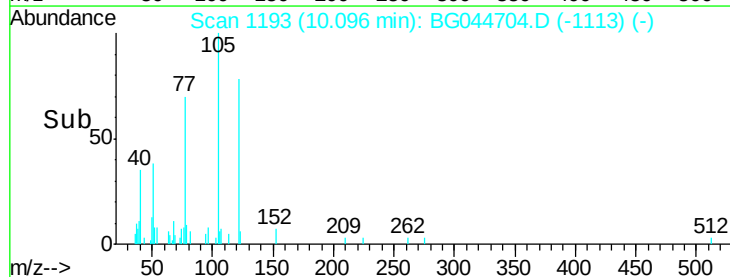
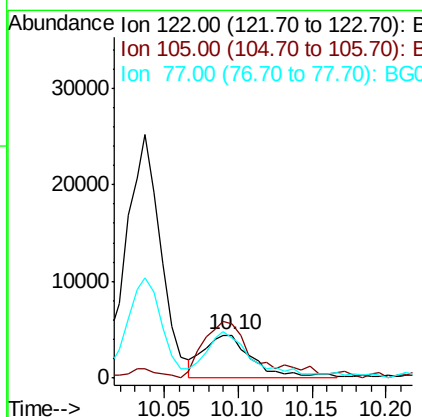
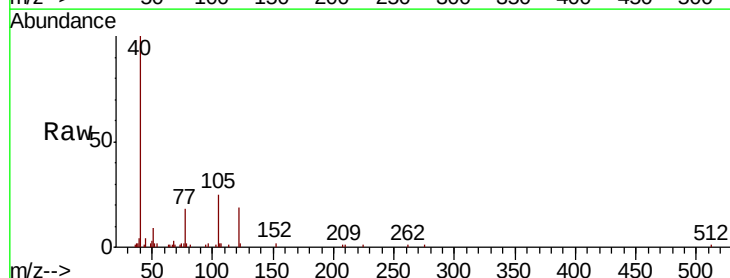
Manual Integrations
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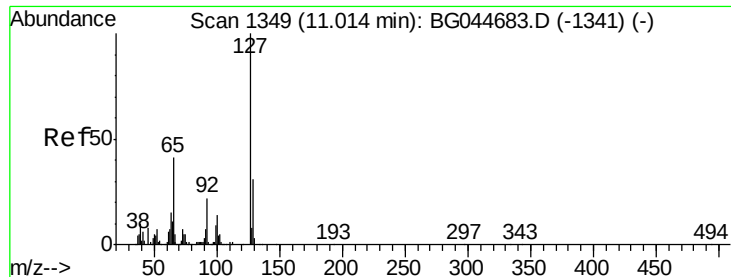
mohammad
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#32
Benzoic acid
Concen: 2.791 ng m
RT: 10.10 min Scan# 1193
Delta R.T. -0.06 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.7	105.1	145.1
77	94.6	87.7	127.7





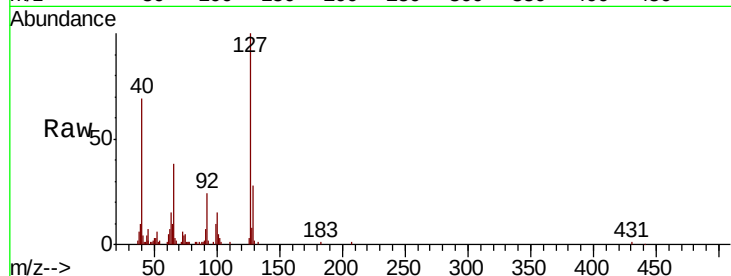
#33
4-Chloroaniline
Concen: 6.903 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.3	25.0	37.4
65	38.4	32.7	49.1
92	24.1	17.3	25.9

Manual Integrations
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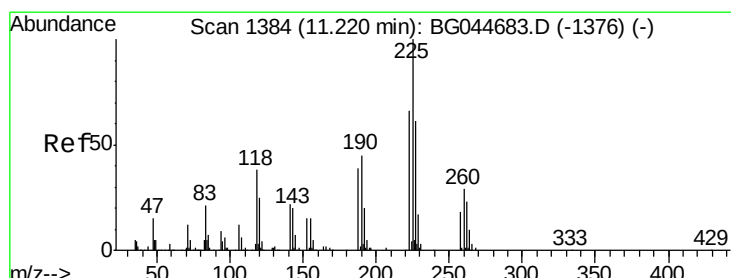
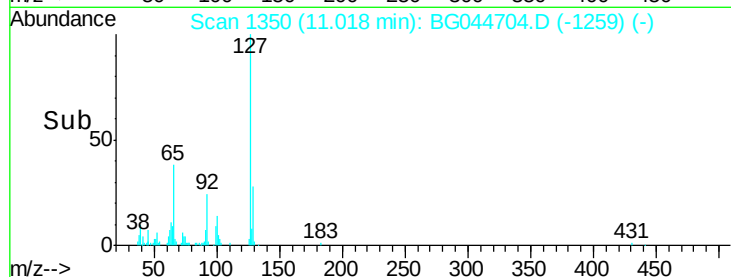
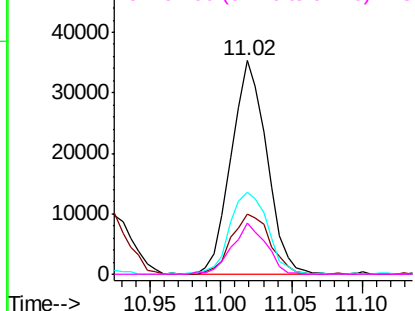
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 6.601 ng
RT: 11.22 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

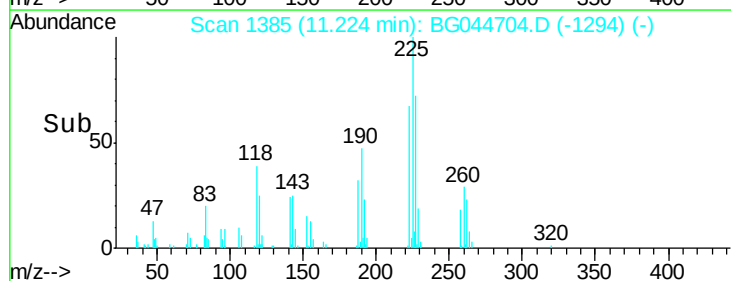
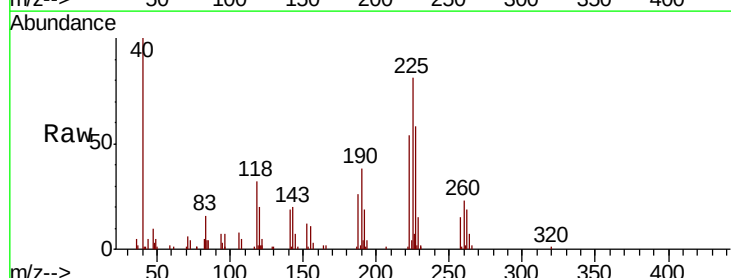
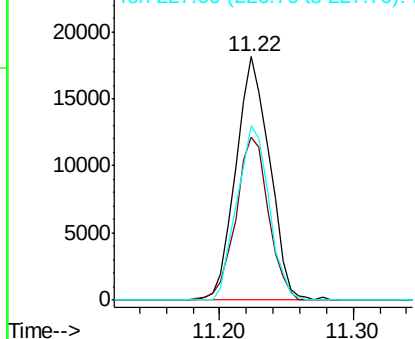
Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.1	52.4	78.6
227	71.9	48.7	73.1

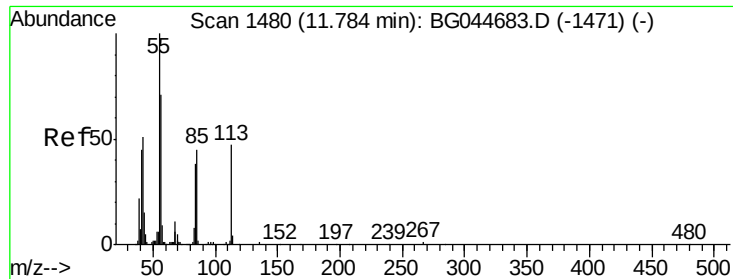
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





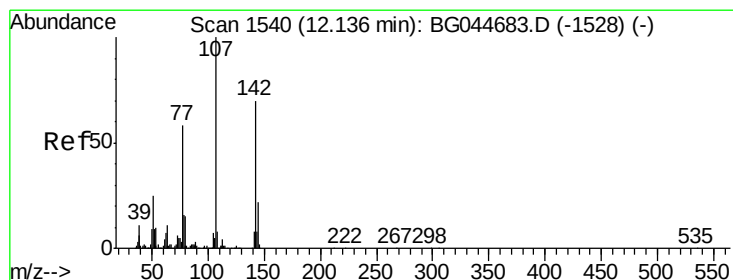
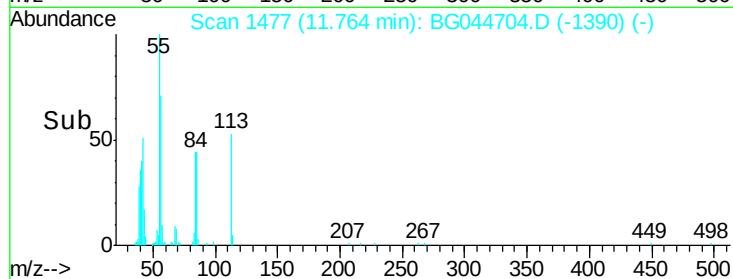
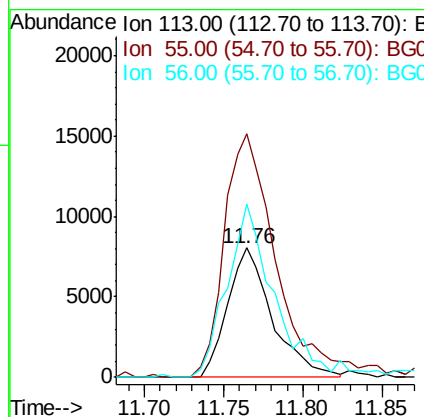
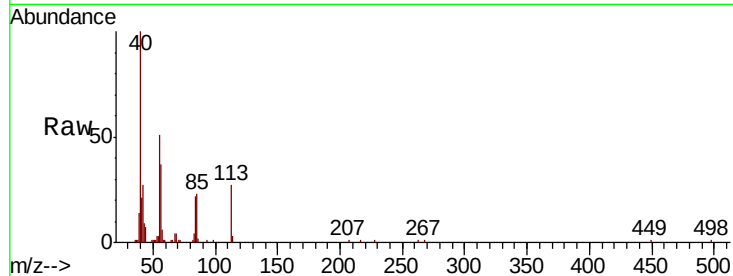
#35
 Caprolactam
 Concen: 6.218 ng
 RT: 11.76 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.1	194.3	234.3#
56	134.0	131.4	171.4

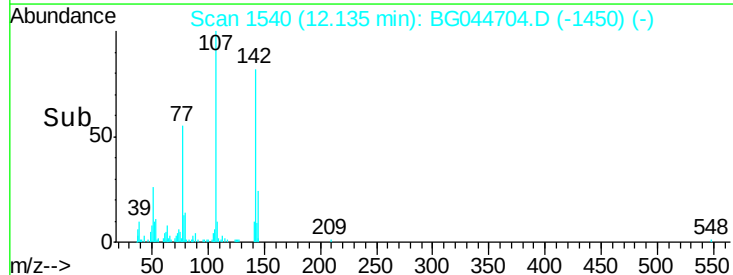
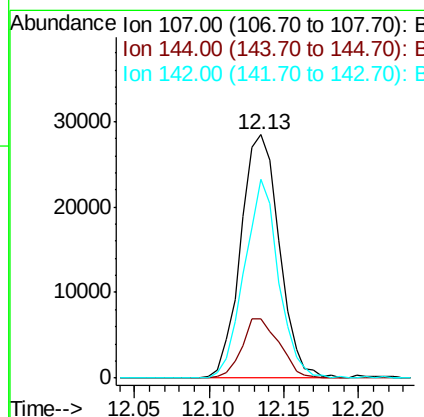
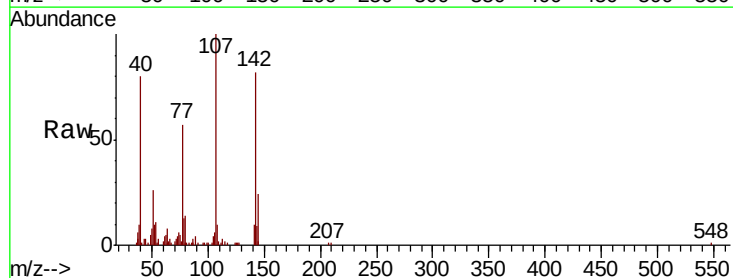
Manual Integrations
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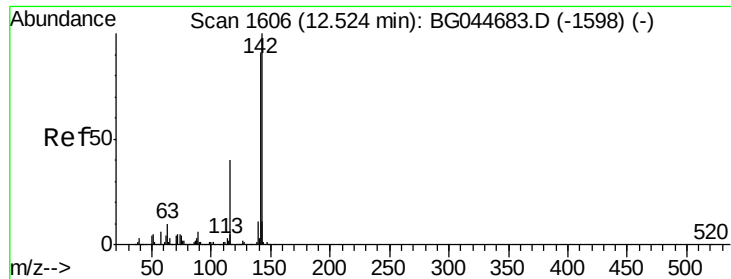
mohammad
 3/10/2020 2:43:46 PM



#36
 4-Chloro-3-methylphenol
 Concen: 6.642 ng
 RT: 12.13 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	17.9	26.9
142	81.7	55.8	83.8





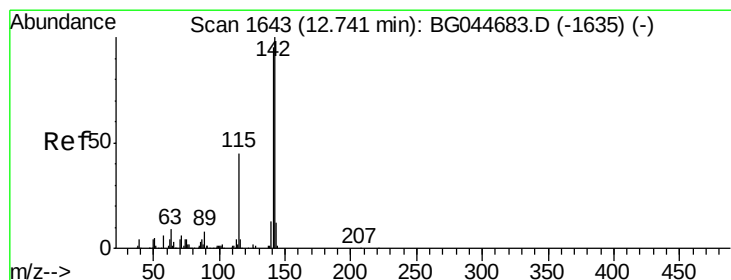
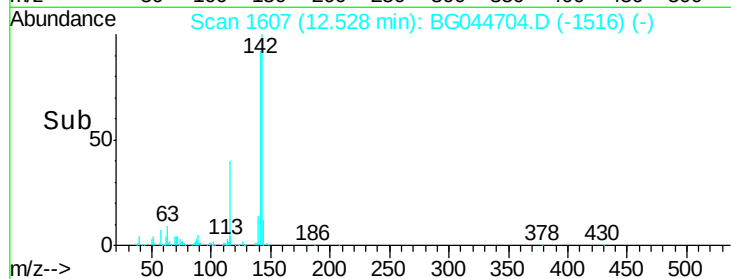
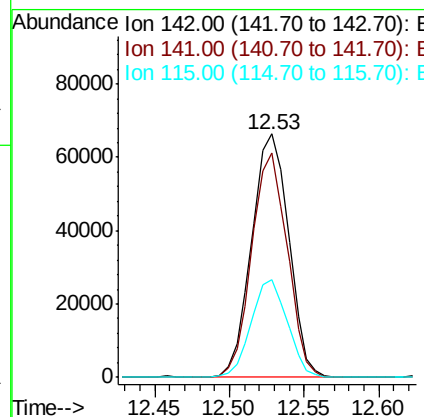
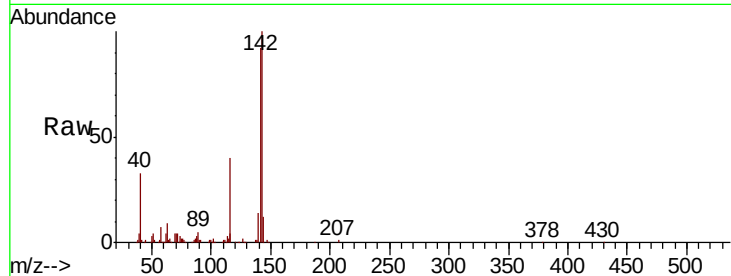
#37
2-Methylnaphthalene
Concen: 7.699 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.9	109.3
115	40.0	32.3	48.5

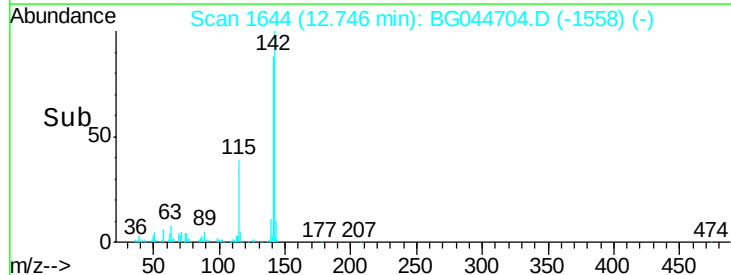
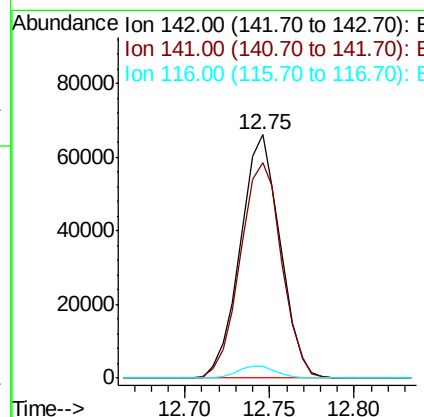
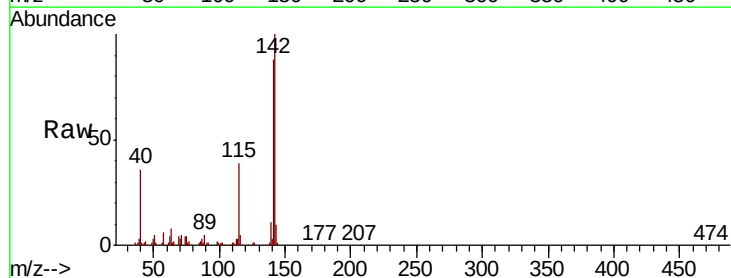
Manual Integrations
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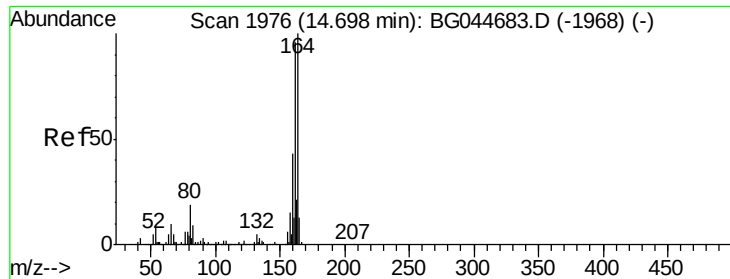
mohammad
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#38
1-Methylnaphthalene
Concen: 7.761 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	76.2	114.2
116	4.9	3.4	5.0





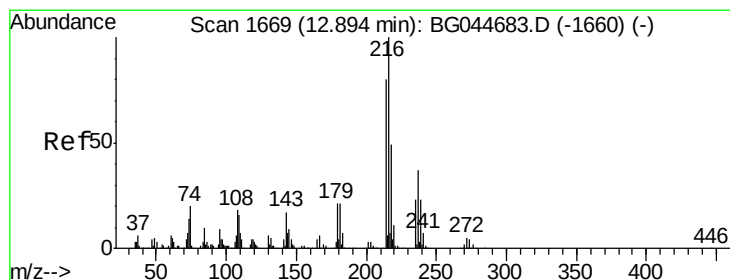
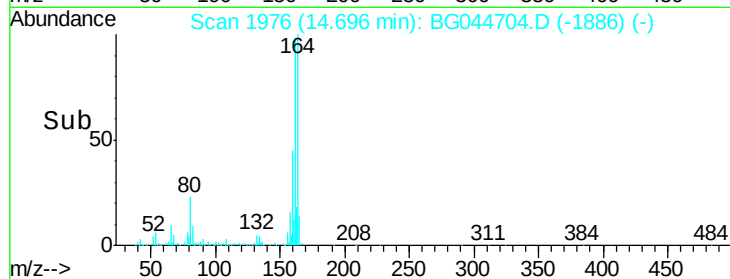
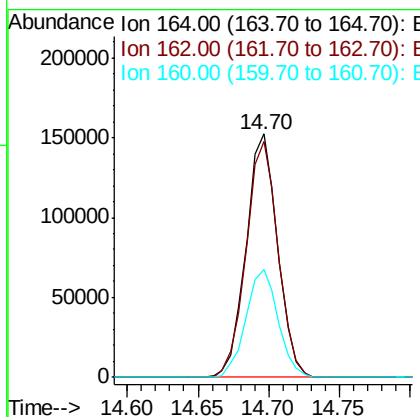
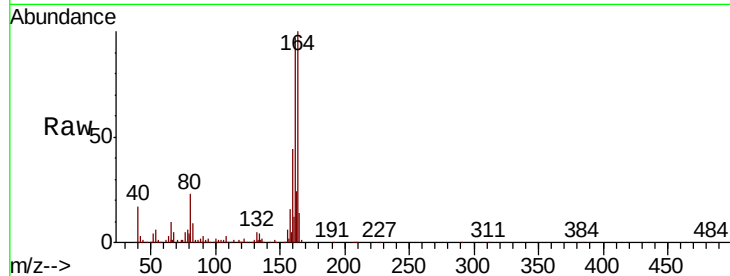
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.1	76.5	114.7
160	44.3	34.8	52.2

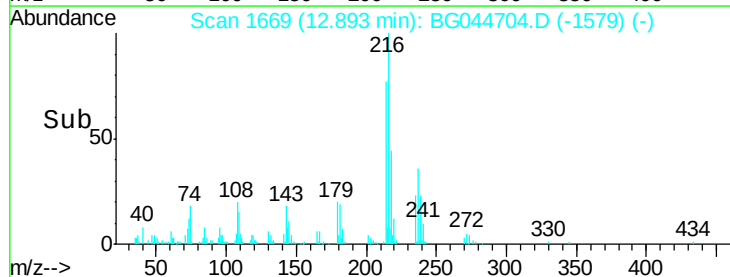
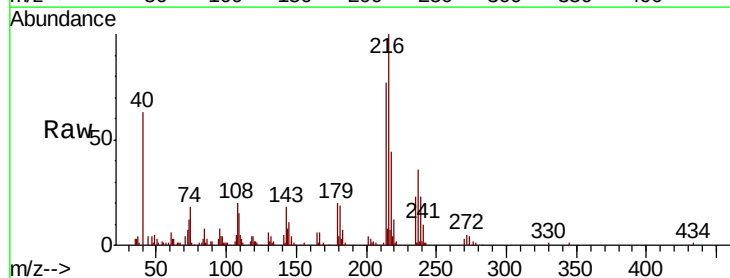
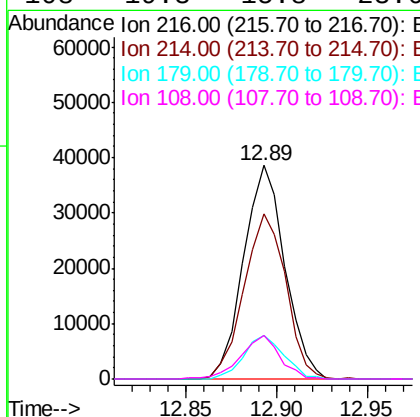
Manual Integrations
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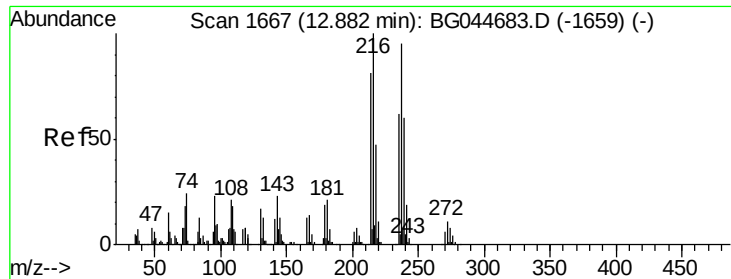
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.862 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	64.5	96.7
179	19.7	16.7	25.1
108	19.3	15.8	23.6





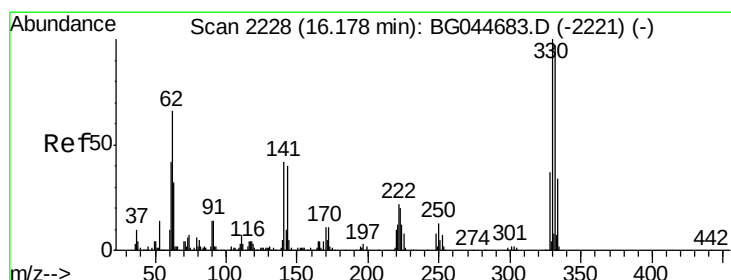
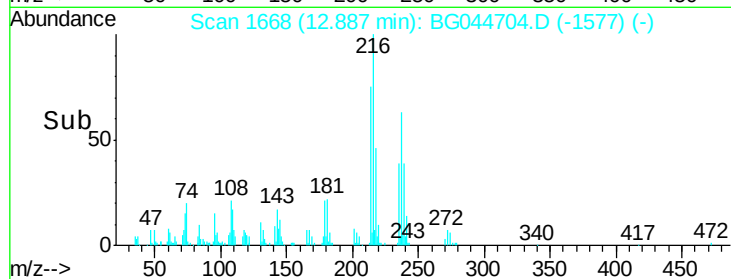
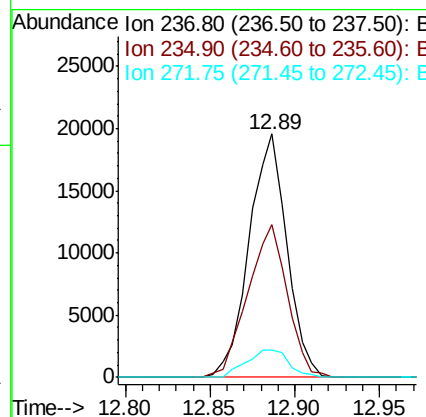
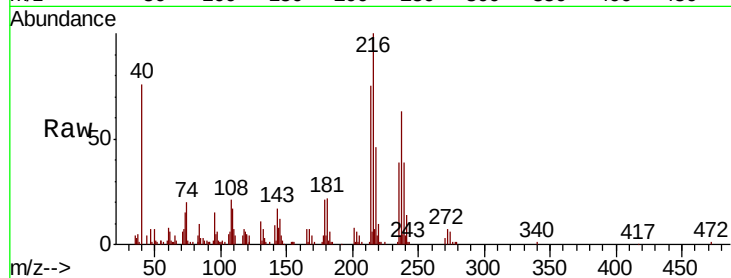
#41
Hexachlorocyclopentadiene
Concen: 6.714 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.7	84.7
272	11.2	0.0	31.7

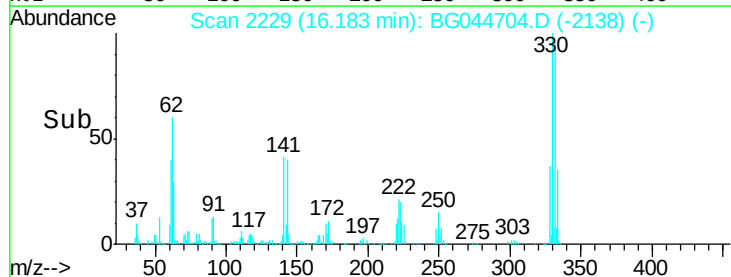
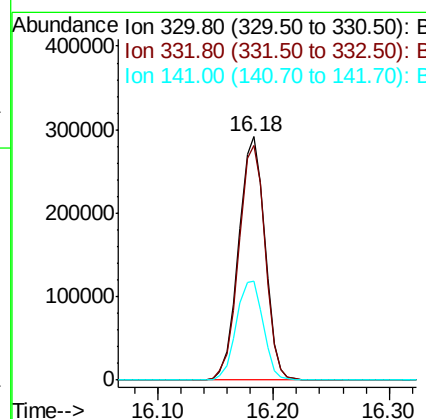
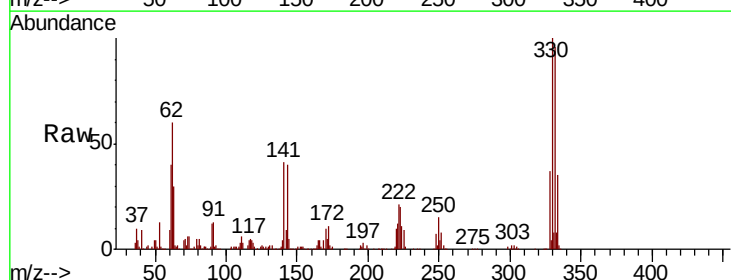
Manual Integrations
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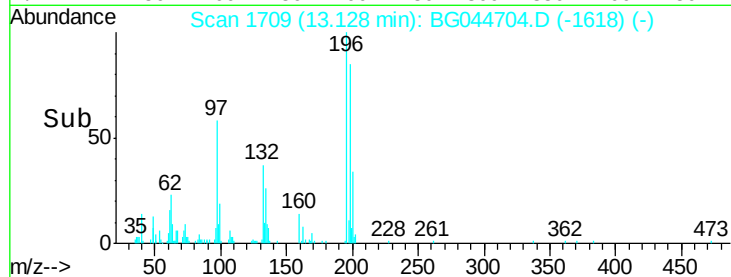
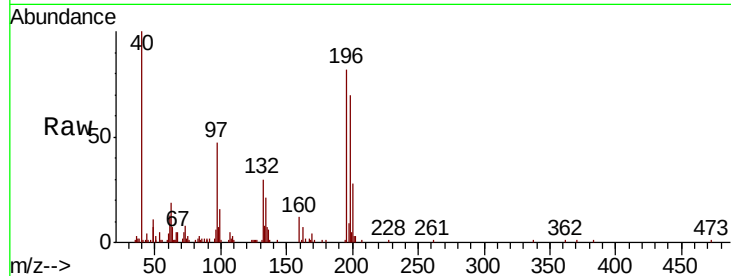
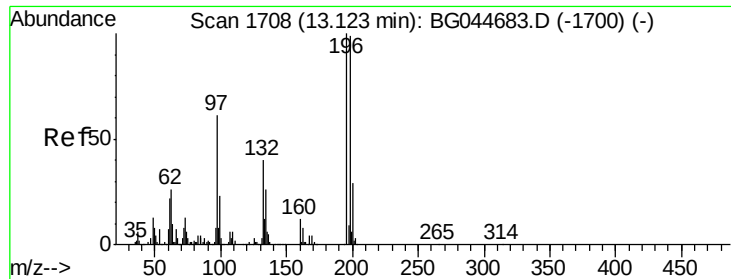
mohammad
3/10/2020 2:43:46 PM



#42
2,4,6-Tribromophenol
Concen: 140.567 ng
RT: 16.18 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	41.7	32.4	48.6





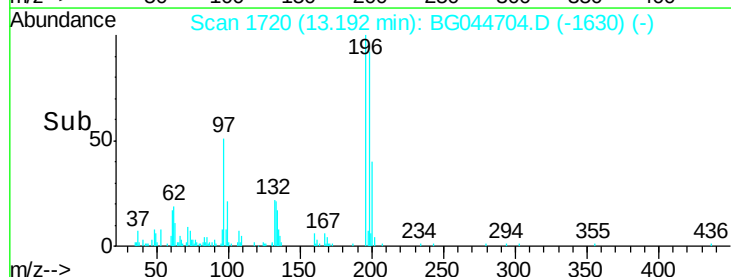
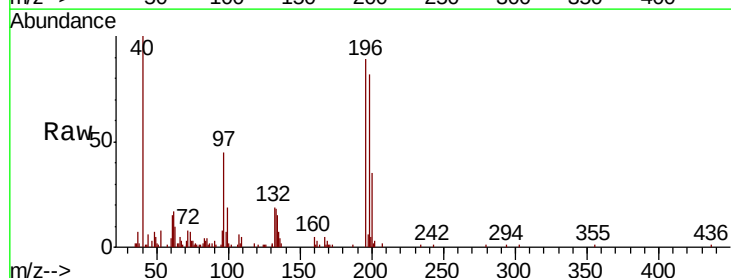
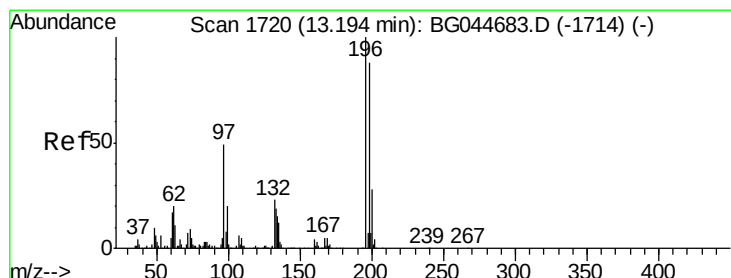
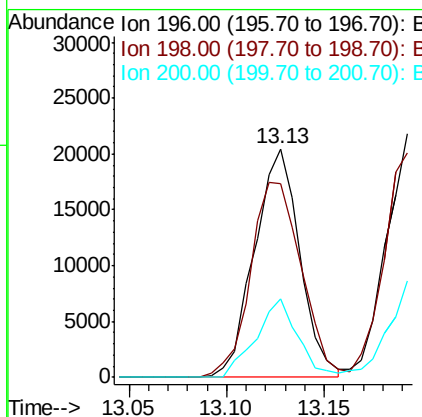
#43
2,4,6-Trichlorophenol
Concen: 6.128 ng
RT: 13.13 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tot Ion	Ratio	Resp	Lower	Upper
196	100	32897		
198	85.0	79.3	118.9	
200	34.4	23.0	34.6	

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

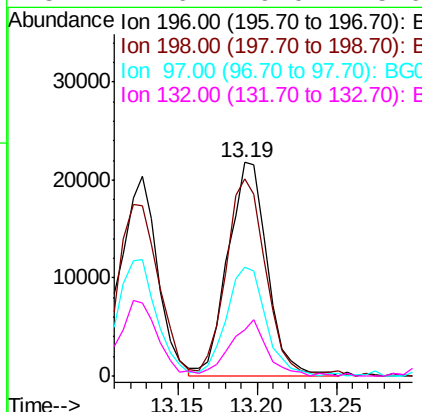
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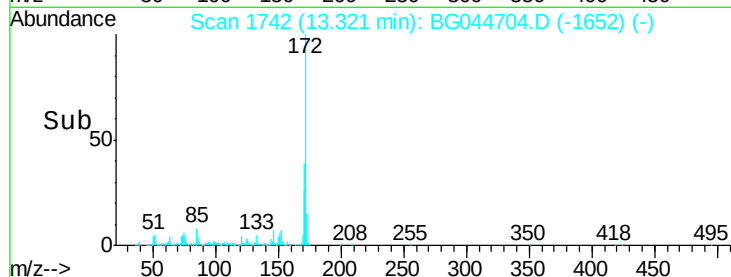
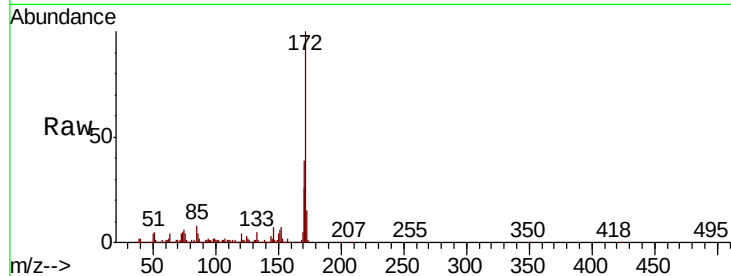
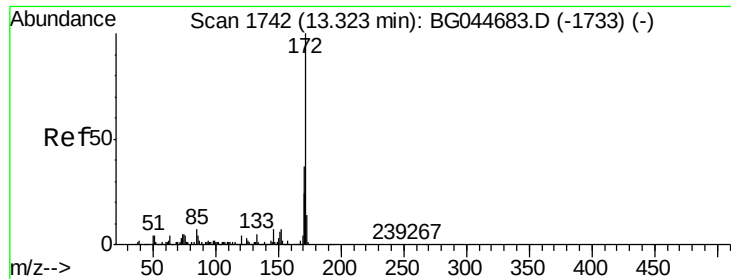
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#44
2,4,5-Trichlorophenol
Concen: 6.804 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	37463		
198	92.1	70.7	106.1	
97	50.9	39.4	59.2	
132	21.6	19.0	28.6	





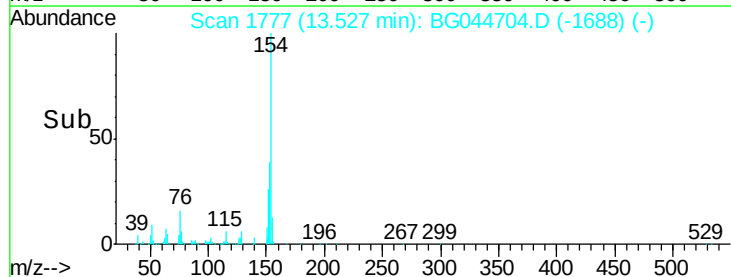
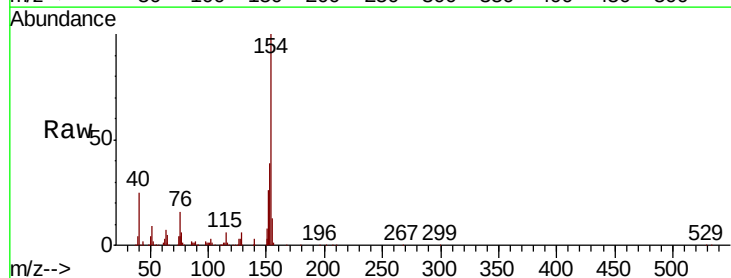
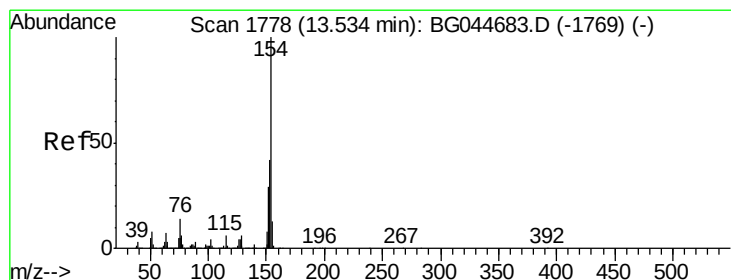
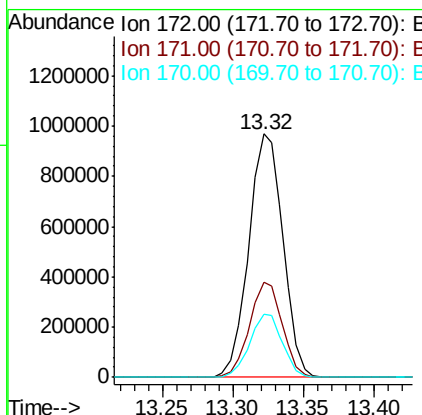
#45
2-Fluorobiphenyl
Concen: 96.030 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.8	44.8
170	25.9	19.3	28.9

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

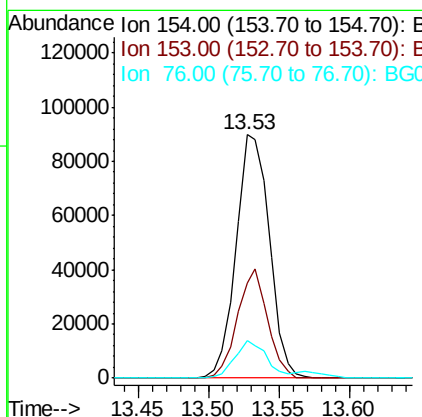
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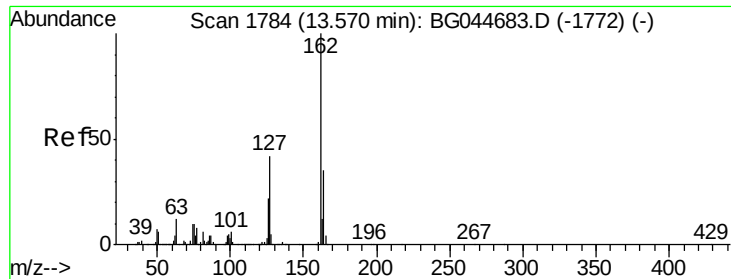
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#46
1,1'-Biphenyl
Concen: 7.777 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	22.1	62.1
76	15.6	0.0	34.5





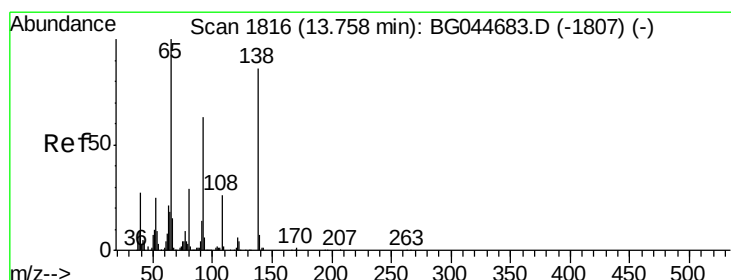
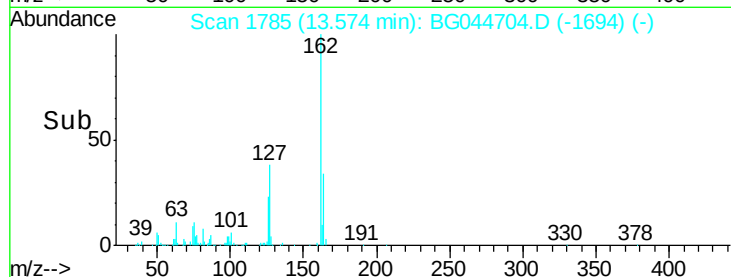
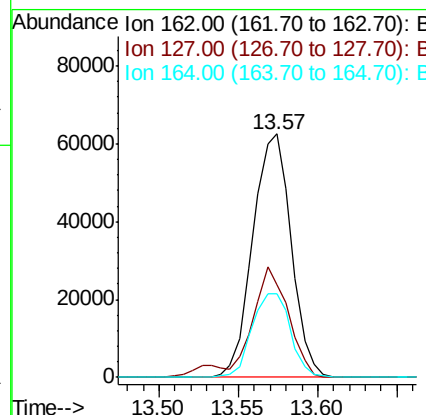
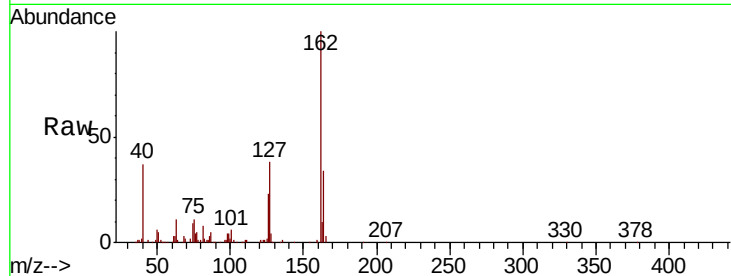
#47
 2-Chloronaphthalene
 Concen: 7.264 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	33.9	50.9
164	34.3	28.3	42.5

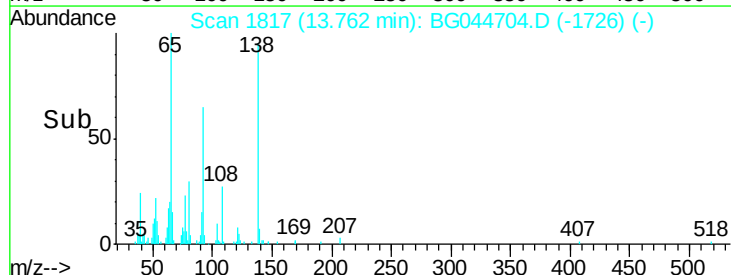
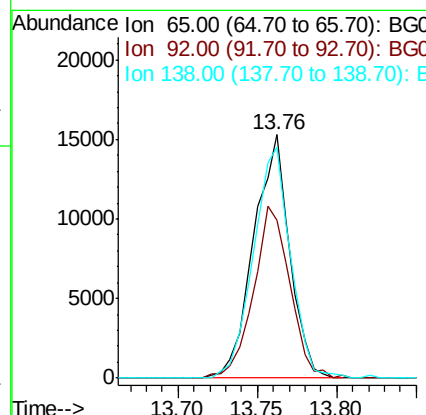
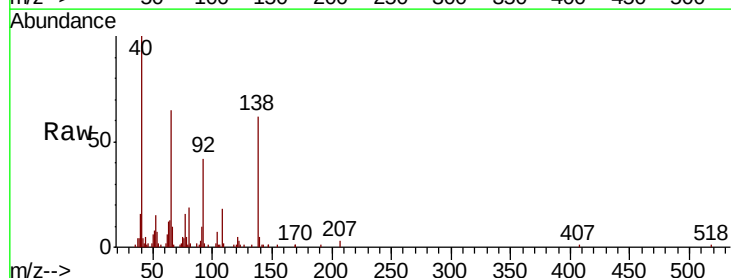
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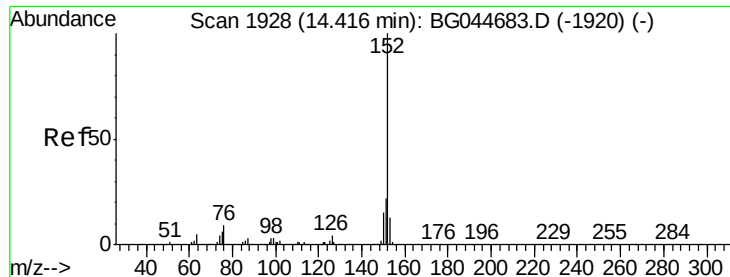
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#48
 2-Nitroaniline
 Concen: 4.946 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	50.6	75.8
138	94.7	68.8	103.2





#49

Acenaphthylene

Concen: 7.874 ng

RT: 14.41 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

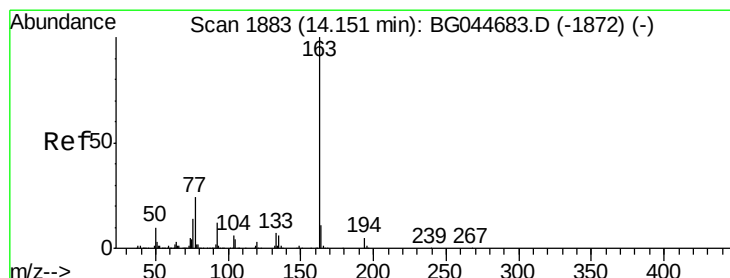
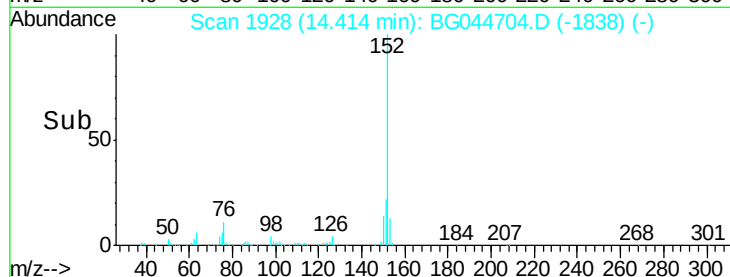
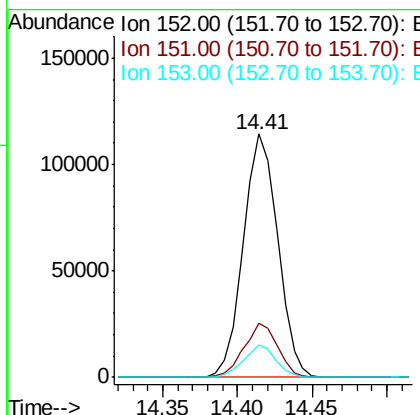
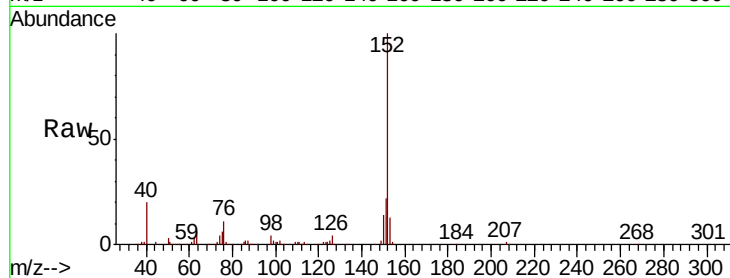
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		182585		
151	22.3	17.6	26.4		
153	13.4	10.7	16.1		

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#50

Dimethylphthalate

Concen: 7.283 ng

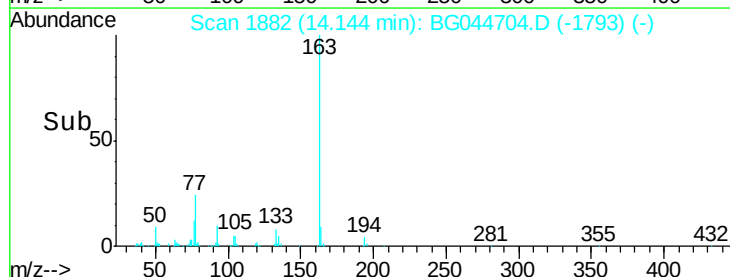
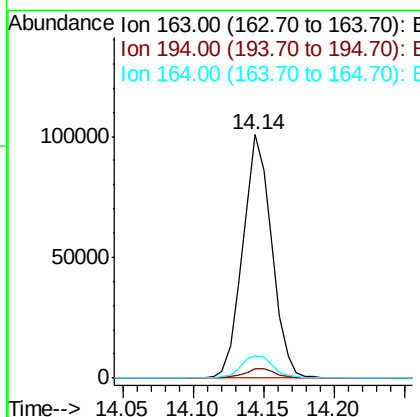
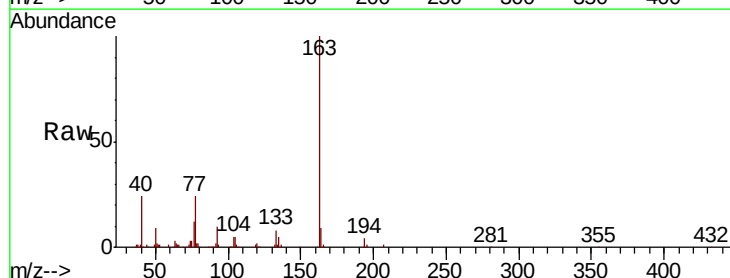
RT: 14.14 min Scan# 1882

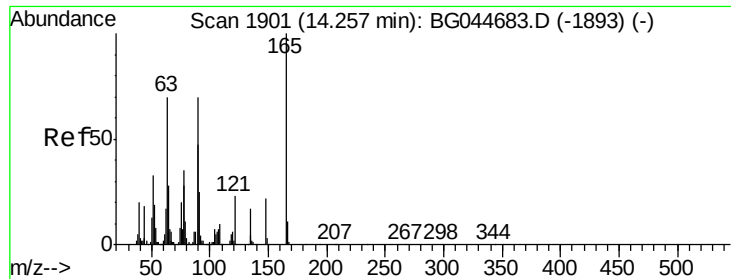
Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		144430		
194	3.9	3.7	5.5		
164	9.0	8.6	12.8		





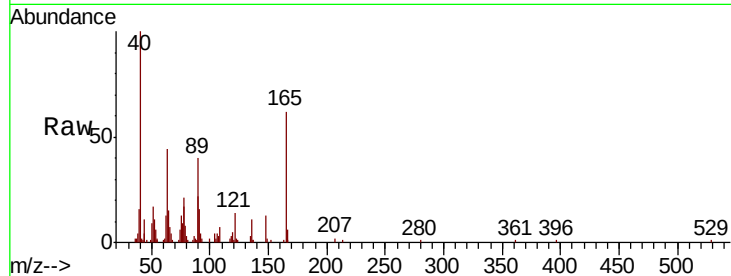
#51
 2,6-Dinitrotoluene
 Concen: 6.221 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

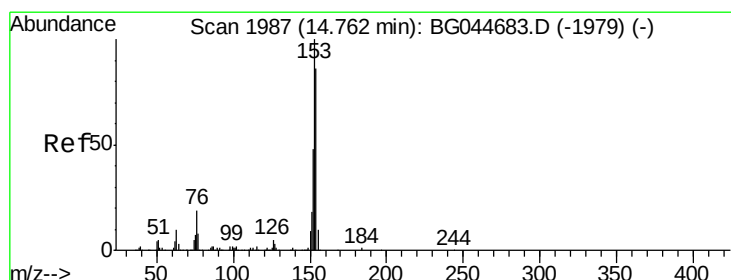
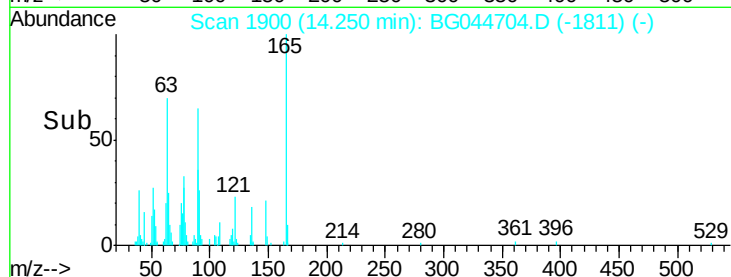
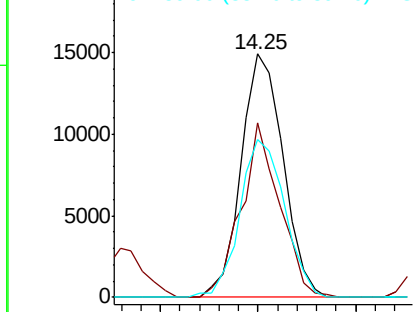
Tot Ion	Ratio	Lower	Upper
165	100		
63	71.6	57.4	86.0
89	64.7	56.2	84.2

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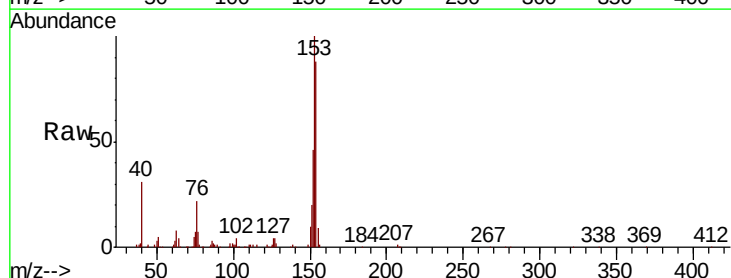


Abundance Ion 165.00 (164.70 to 165.70): E
 20000 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

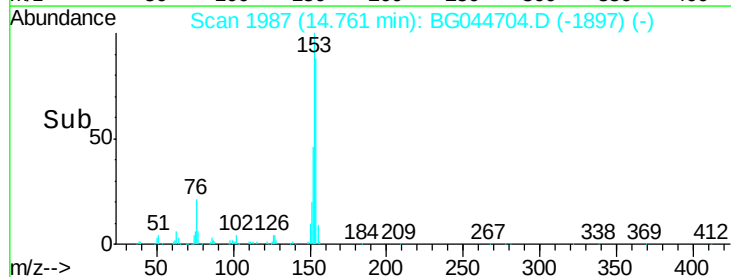
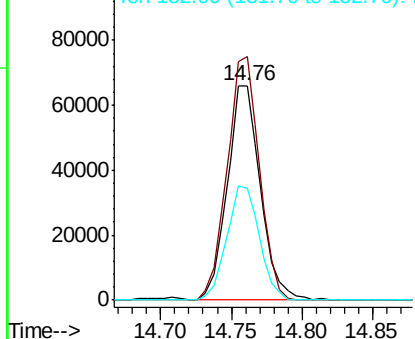


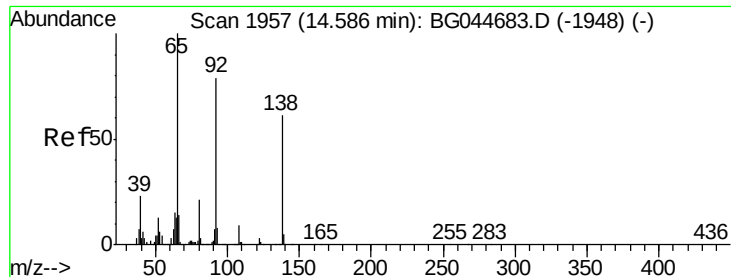
#52
 Acenaphthene
 Concen: 7.164 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.6	138.8
152	52.1	44.2	66.4



Abundance Ion 154.00 (153.70 to 154.70): E
 100000 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





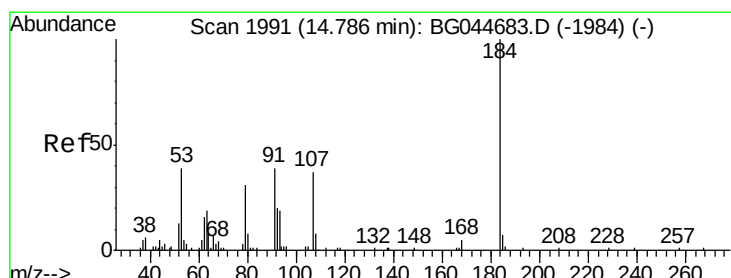
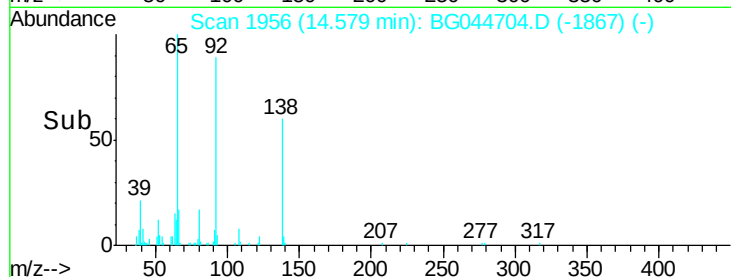
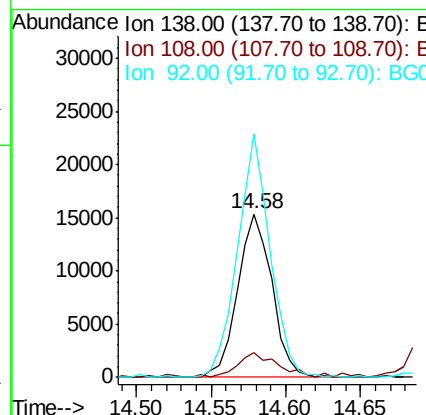
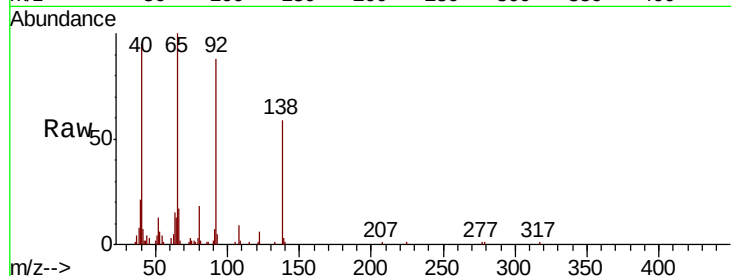
#53
3-Nitroaniline
Concen: 5.950 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.1	12.2	18.4
92	148.8	105.1	157.7

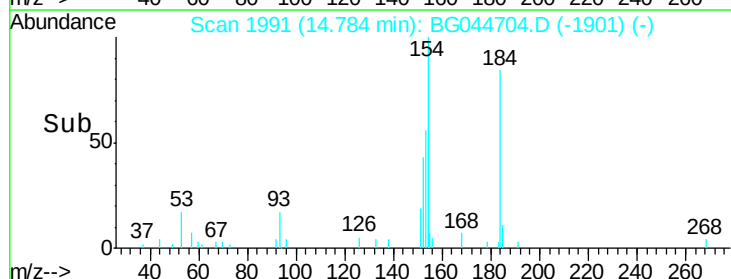
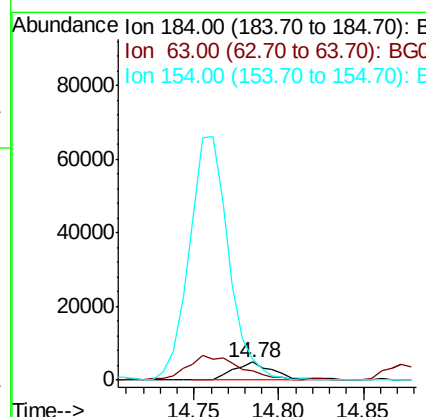
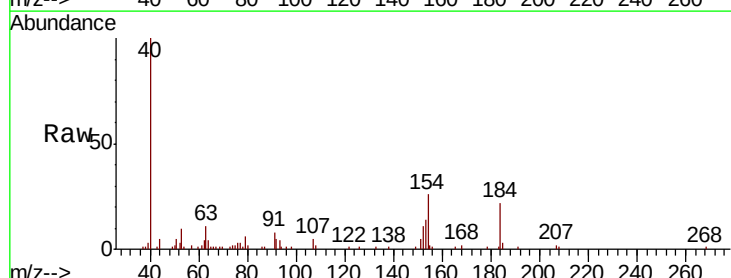
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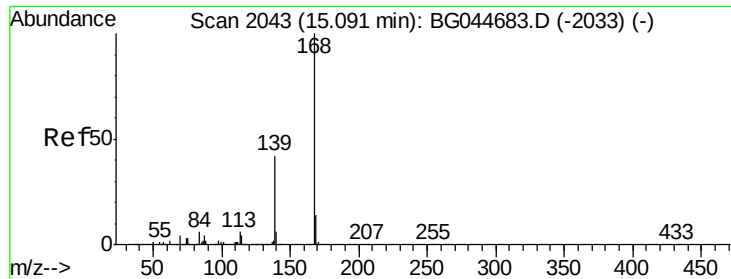
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#54
2,4-Dinitrophenol
Concen: 4.879 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.2	42.4	63.6
154	119.6	75.0	112.4#





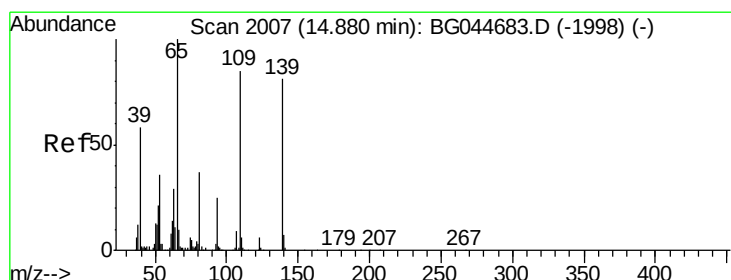
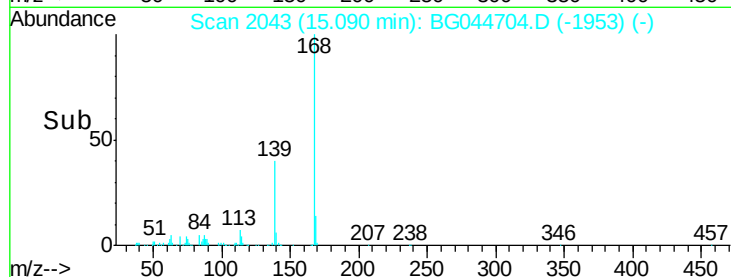
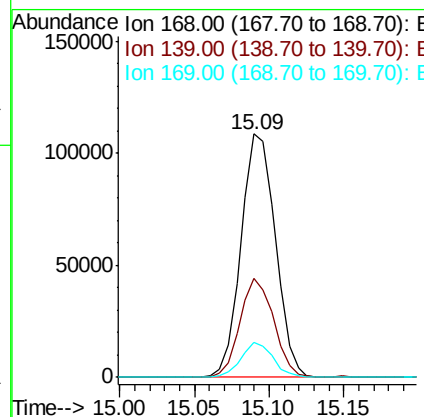
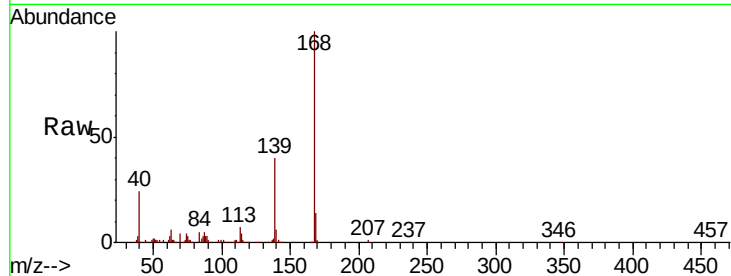
#55
Dibenzofuran
Concen: 7.718 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.8	50.6
169	14.5	11.0	16.4

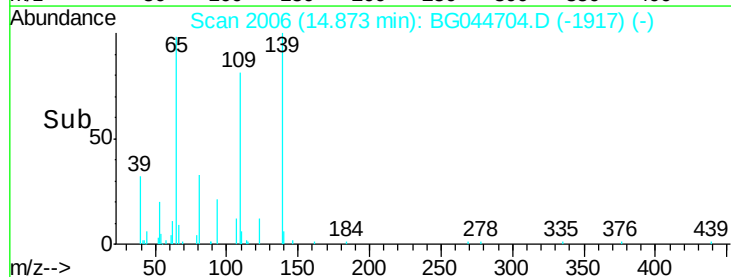
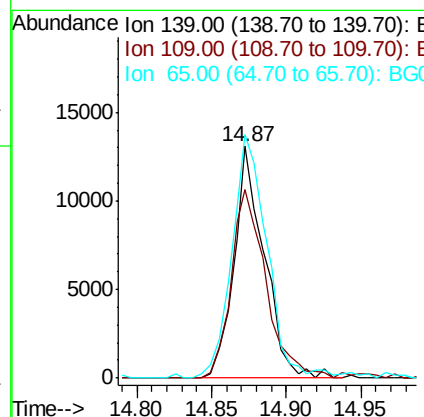
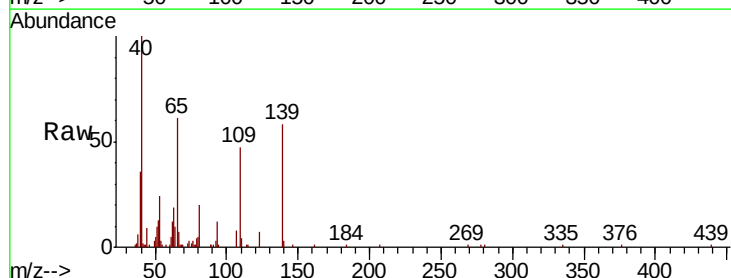
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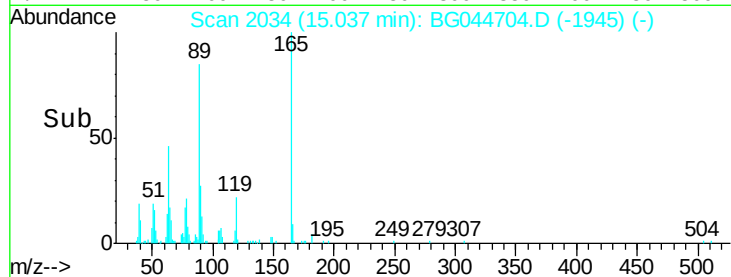
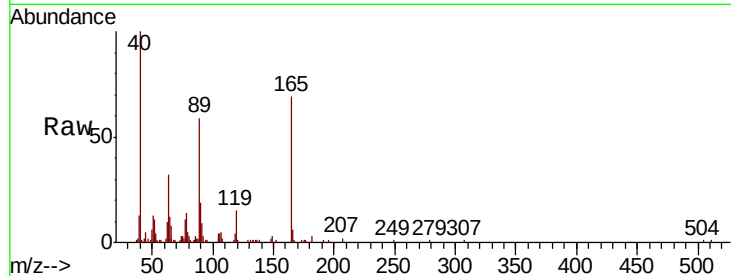
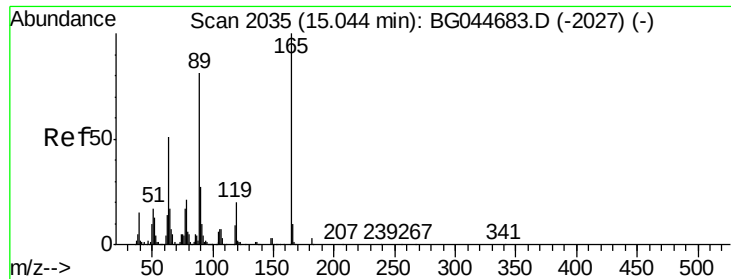
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#56
4-Nitrophenol
Concen: 5.814 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.5	86.0	126.0#
65	104.9	104.5	144.5





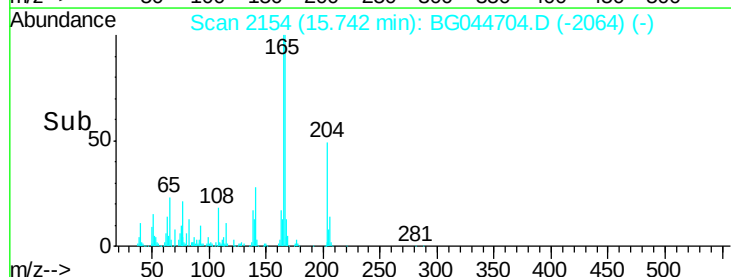
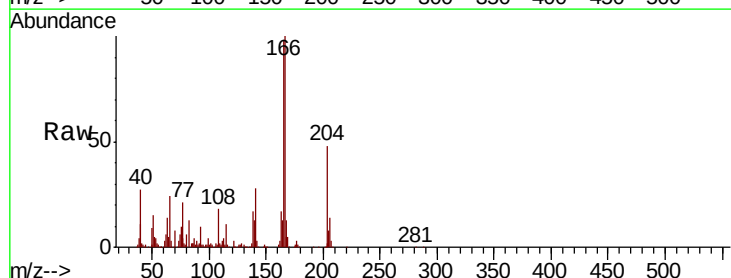
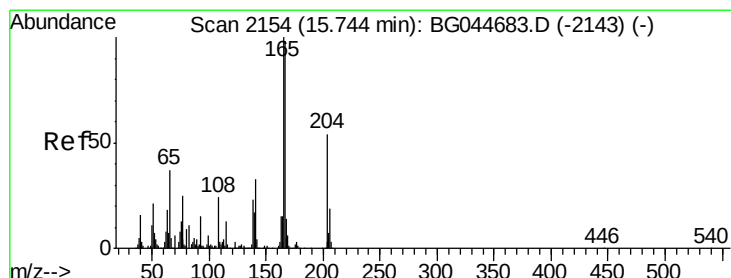
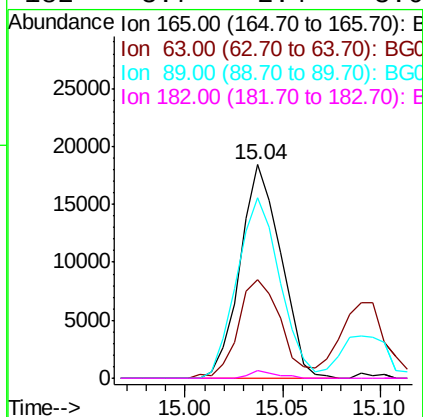
#57
2,4-Dinitrotoluene
Concen: 5.606 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tot Ion:	165	Resp:	26692
Ion Ratio	Lower	Upper	
165	100		
63	46.0	40.6	61.0
89	84.7	65.0	97.6
182	3.7	2.4	3.6#

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

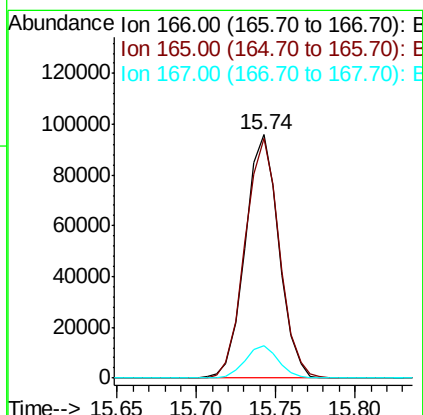
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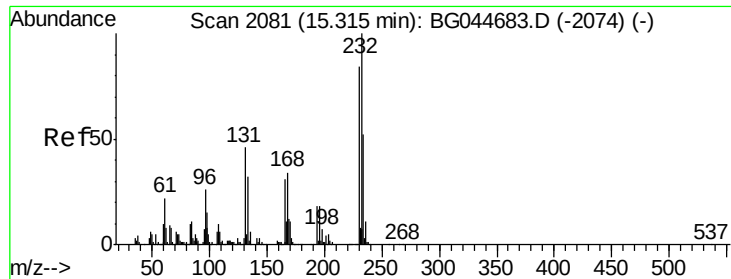
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#58
Fluorene
Concen: 7.609 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion:	166	Resp:	141385
Ion Ratio	Lower	Upper	
166	100		
165	98.5	81.3	121.9
167	13.3	11.0	16.6





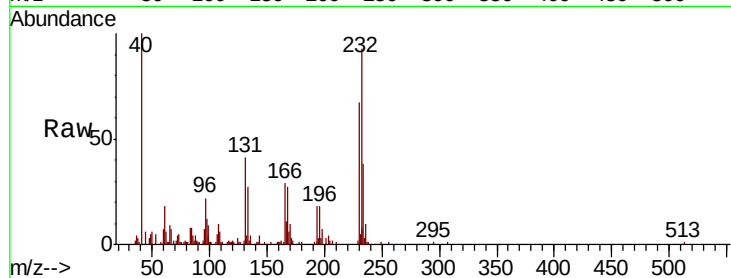
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.707 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

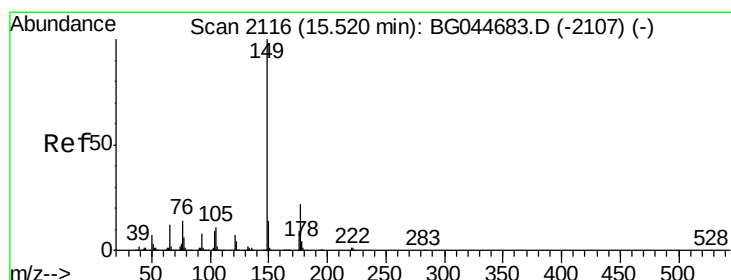
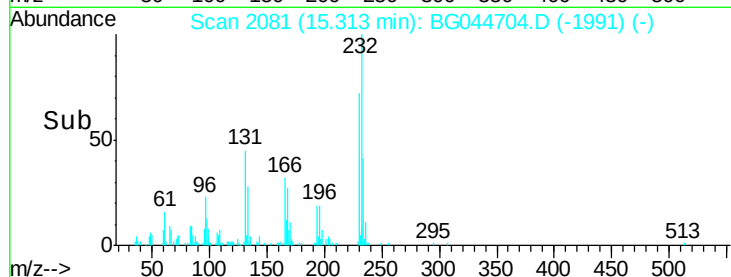
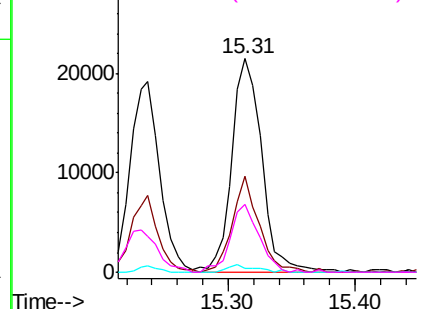
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.4	33.0	49.6
130	2.9	2.2	3.2
166	30.3	20.4	30.6

Manual Integrations
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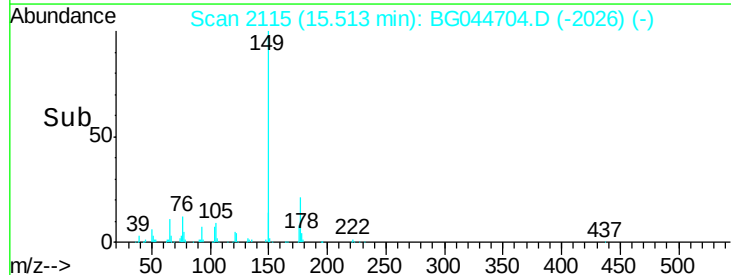
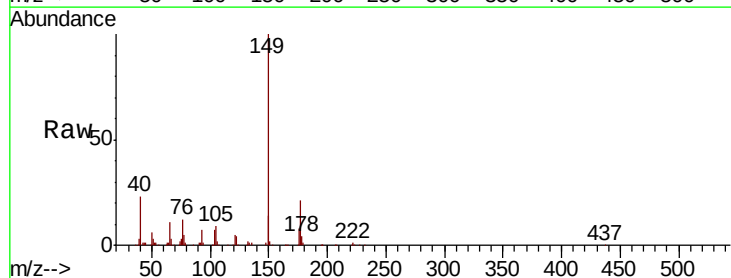
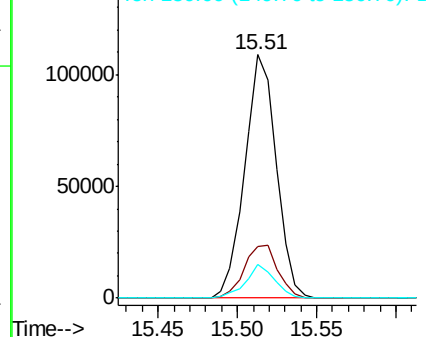
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

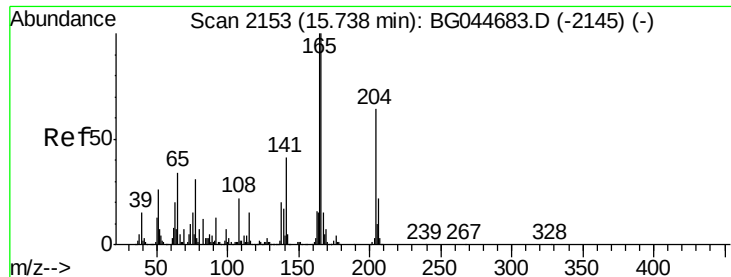


#60
Diethylphthalate
Concen: 7.082 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.5	26.3
150	13.6	10.8	16.2

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





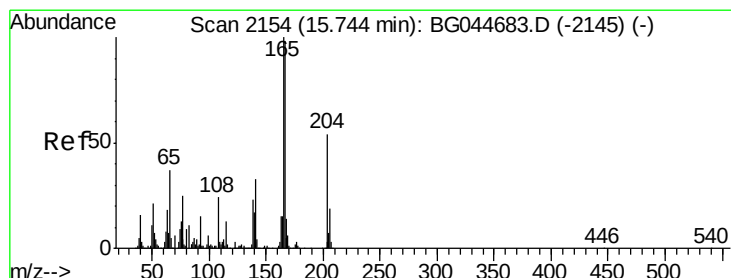
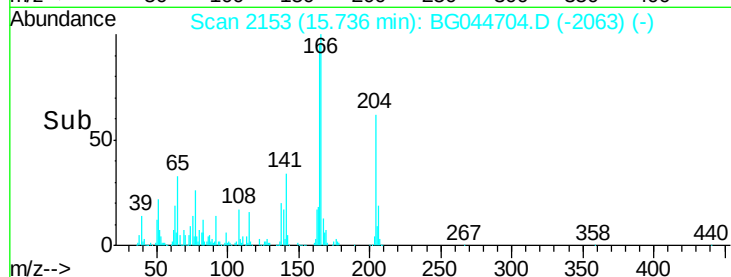
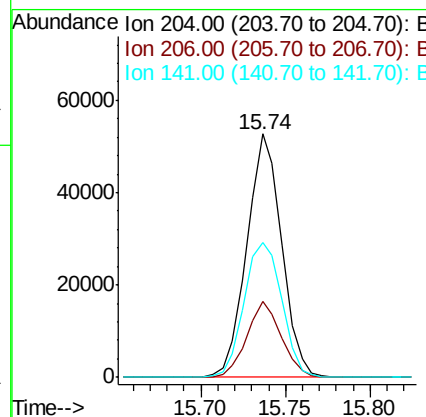
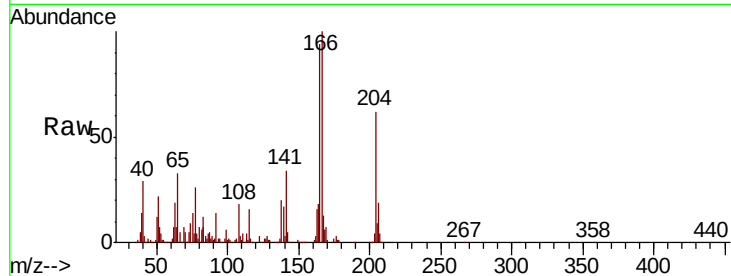
#61
 4-Chlorophenyl-phenylether
 Concen: 7.499 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.1	27.7	41.5
141	55.1	51.0	76.4

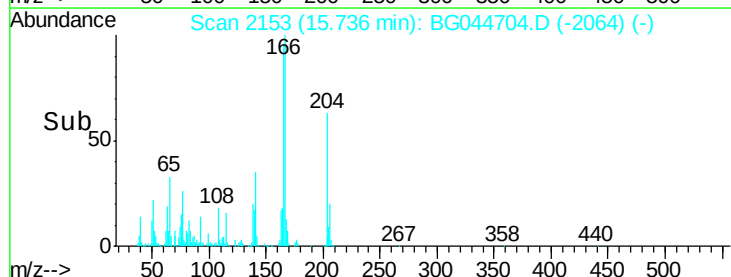
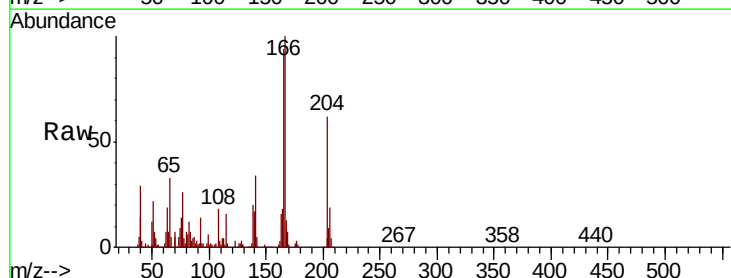
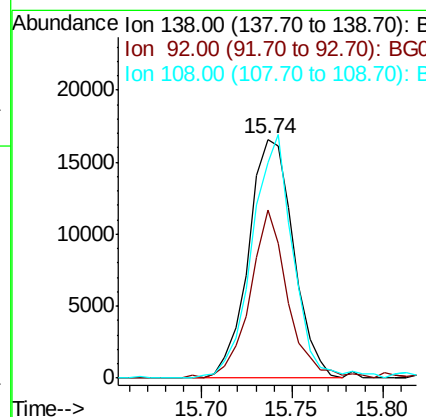
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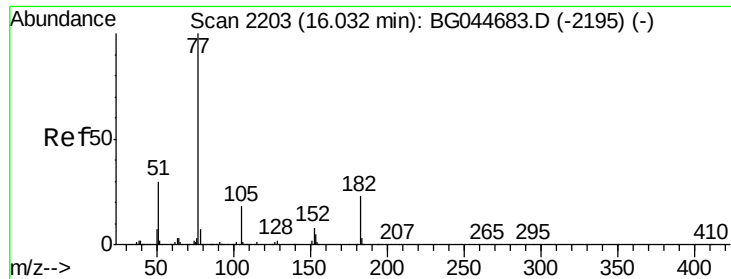
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#62
 4-Nitroaniline
 Concen: 6.351 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG044704.D
 Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	70.5	43.1	83.1
108	90.3	85.2	125.2





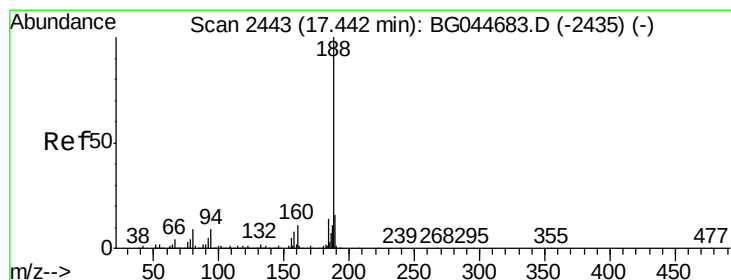
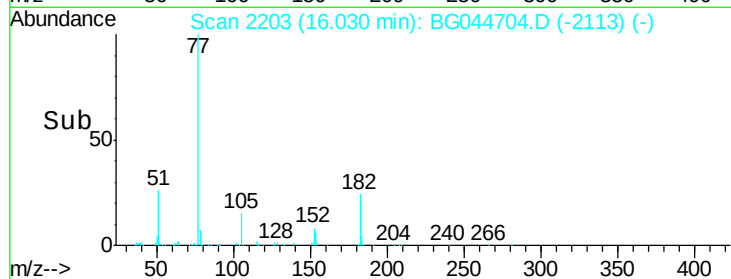
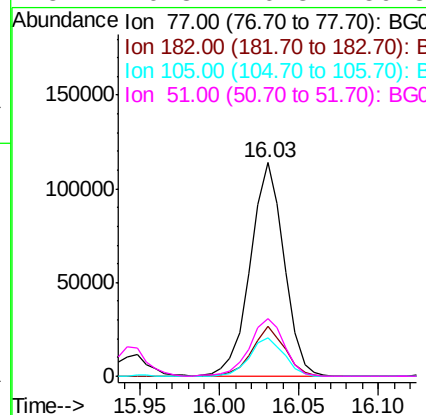
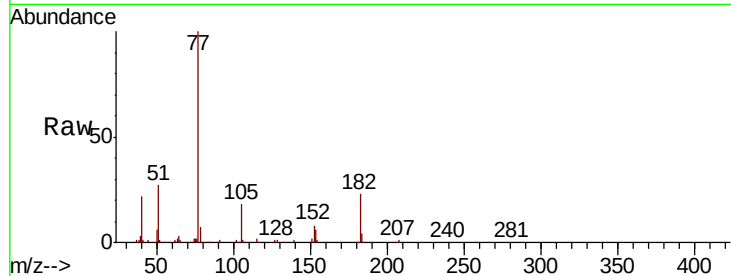
#63
Azobenzene
Concen: 7.593 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.1	2.7	42.7		
105	18.1	0.0	38.1		
51	26.8	10.3	50.3		

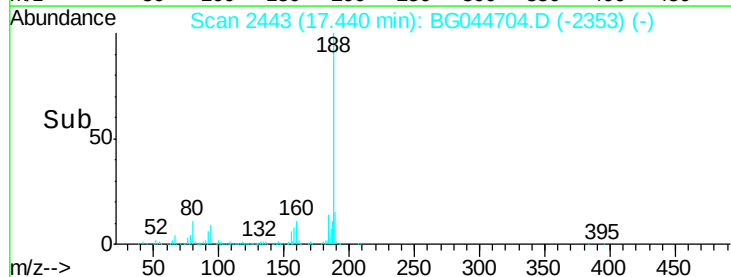
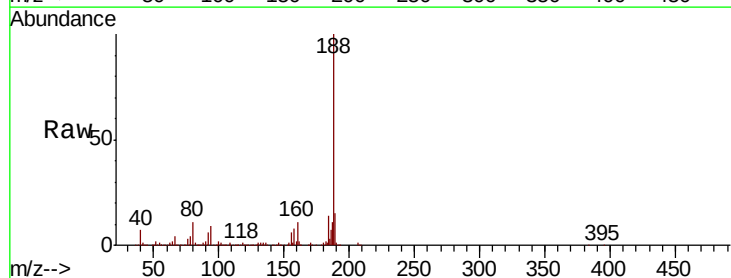
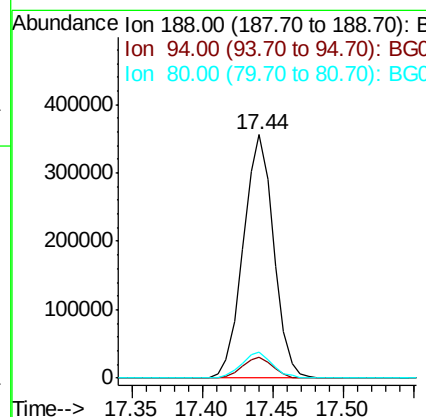
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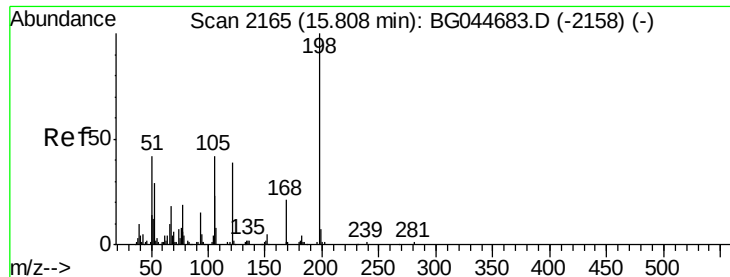
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.7	7.4	11.0		
80	10.9	7.3	10.9		





#65

4,6-Dinitro-2-methylphenol

Concen: 6.218 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion:198 Resp: 13598

Ion Ratio Lower Upper

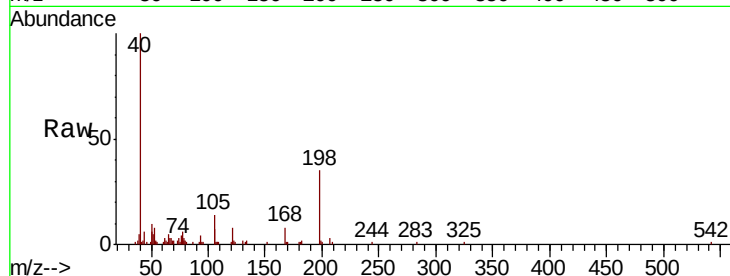
198 100

51 30.1 27.1 67.1

105 41.1 23.6 63.6

Manual Integrations
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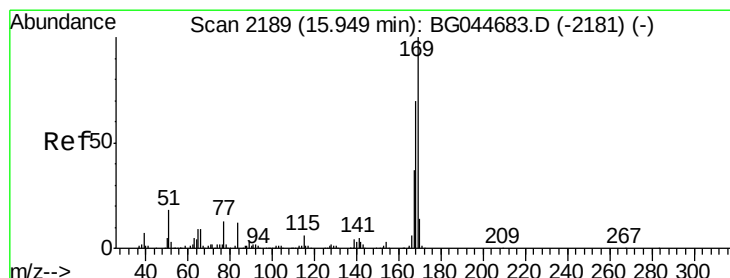
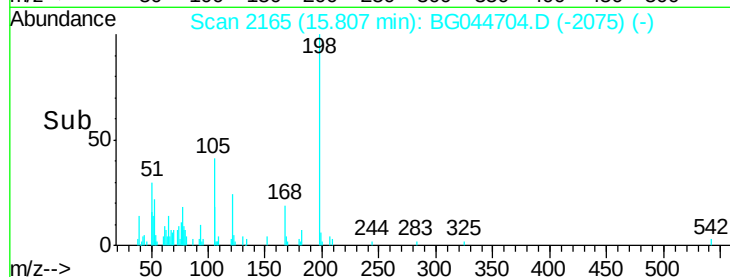
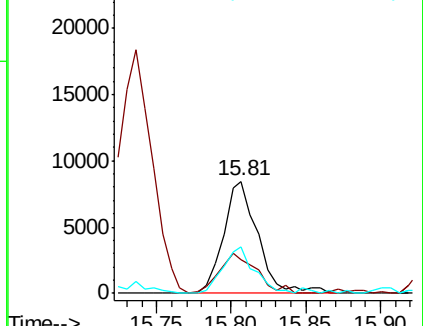
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 7.745 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

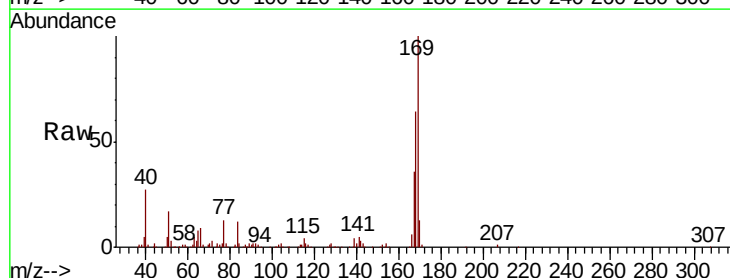
Tgt Ion:169 Resp: 126745

Ion Ratio Lower Upper

169 100

168 64.1 56.2 84.2

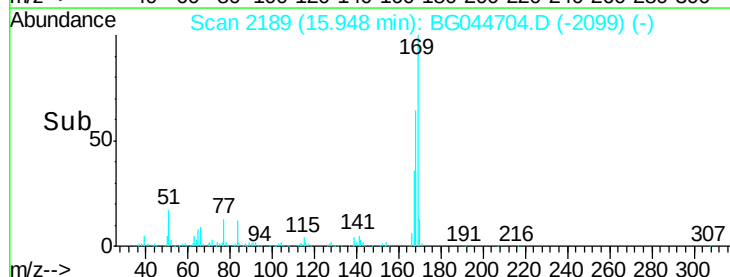
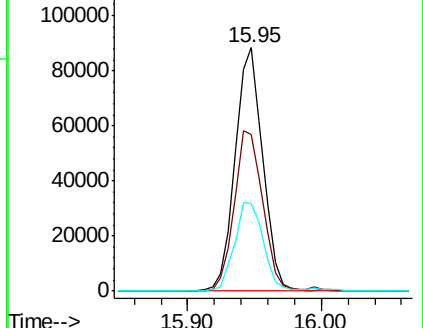
167 36.1 29.4 44.2

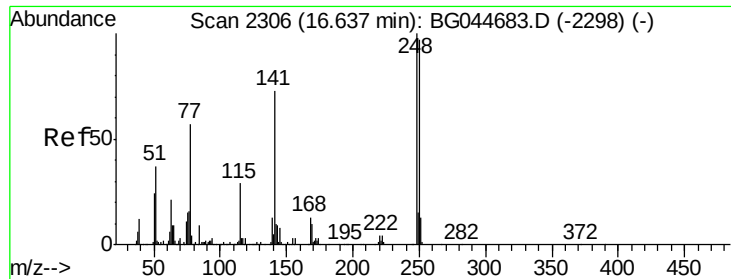


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





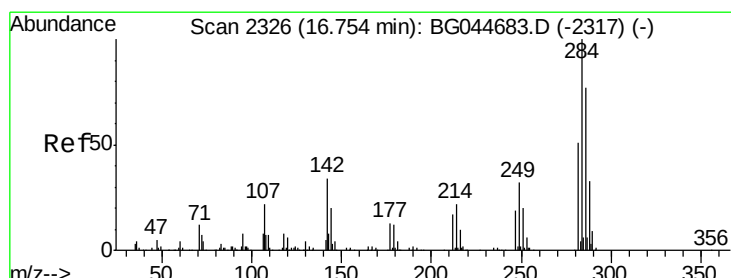
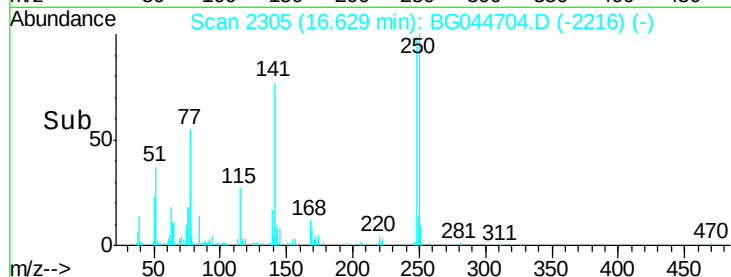
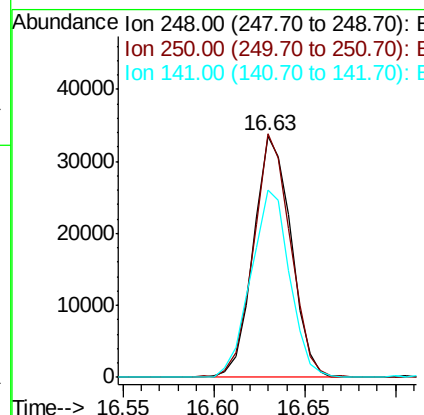
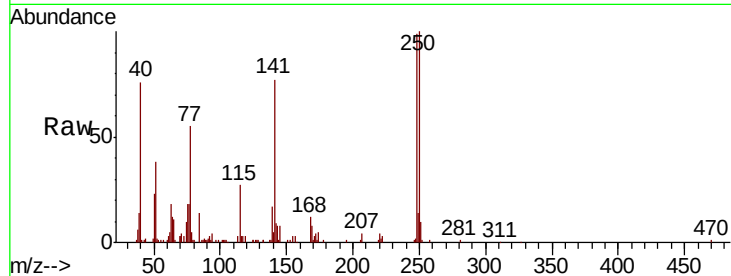
#67
4-Bromophenyl-phenylether
Concen: 7.120 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.9	77.4	116.2
141	77.9	58.1	87.1

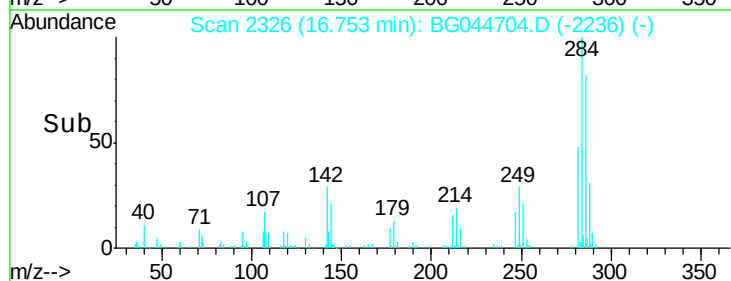
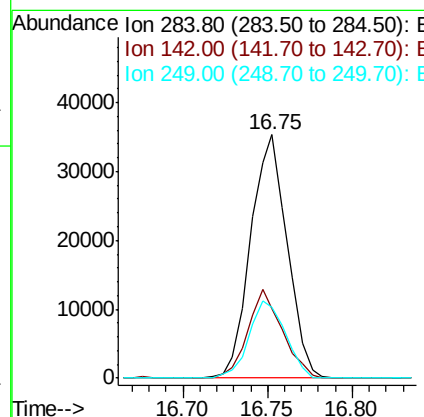
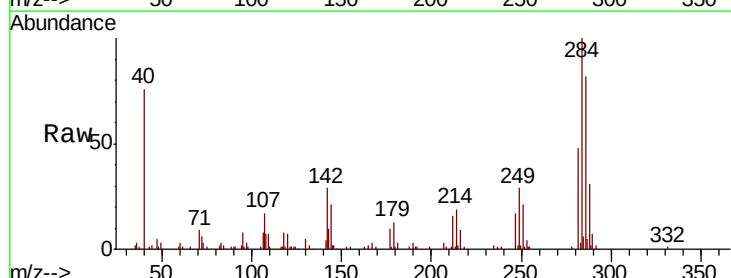
Manual Integrations
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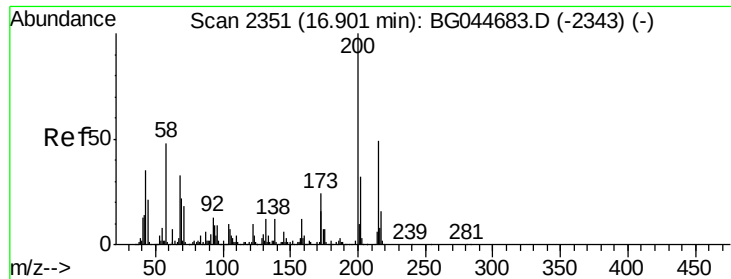
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#68
Hexachlorobenzene
Concen: 7.238 ng
RT: 16.75 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	27.2	40.8
249	29.2	25.7	38.5





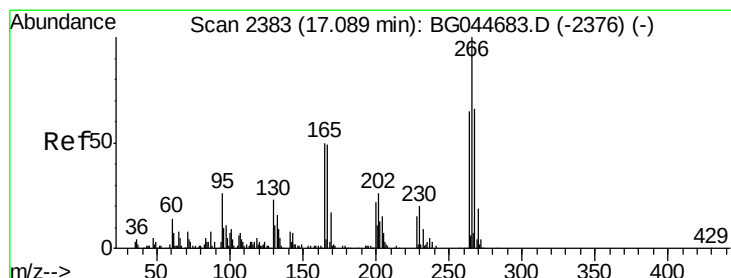
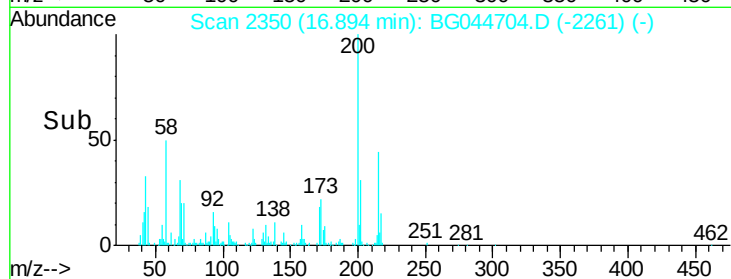
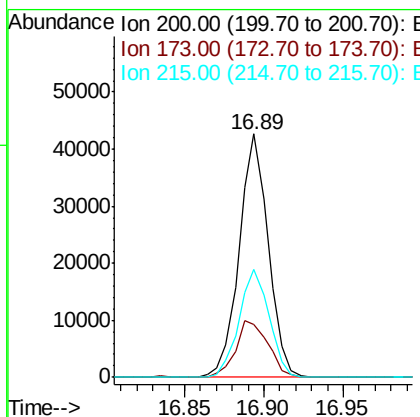
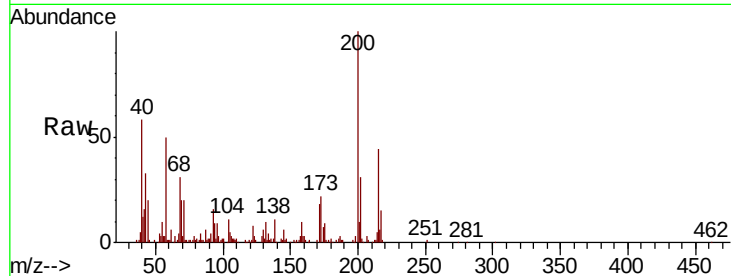
#69
Atrazine
Concen: 8.545 ng
RT: 16.89 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.8	4.0	44.0
215	44.5	29.1	69.1

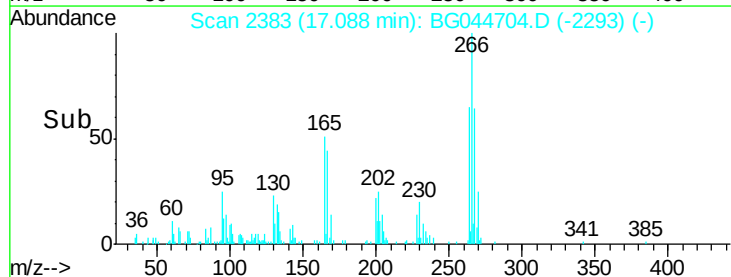
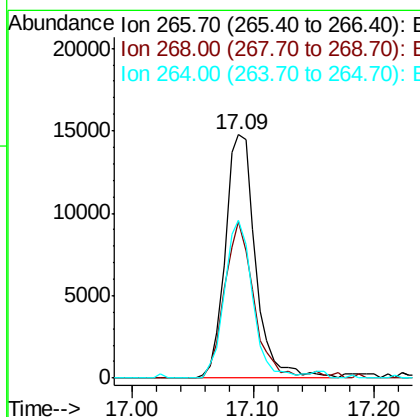
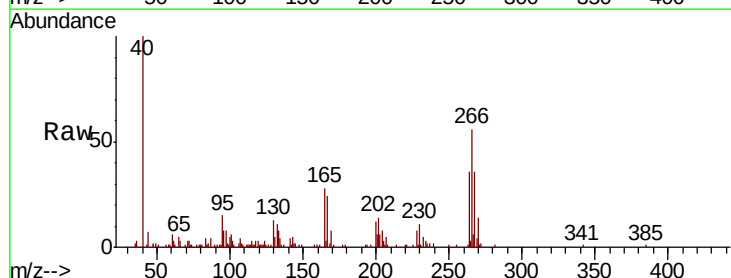
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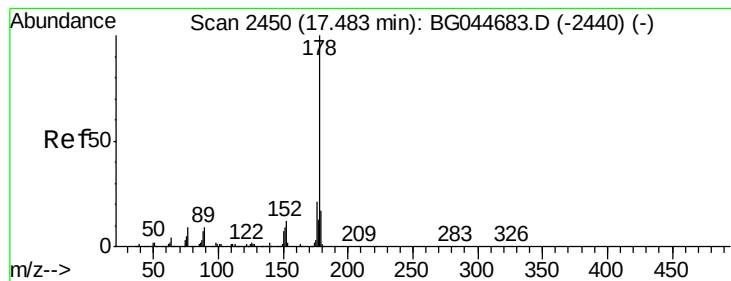
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#70
Pentachlorophenol
Concen: 6.217 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.7	79.1
264	65.1	52.3	78.5





#71

Phenanthrene

Concen: 7.896 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

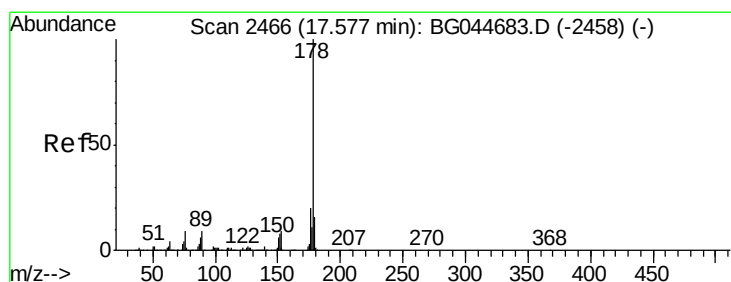
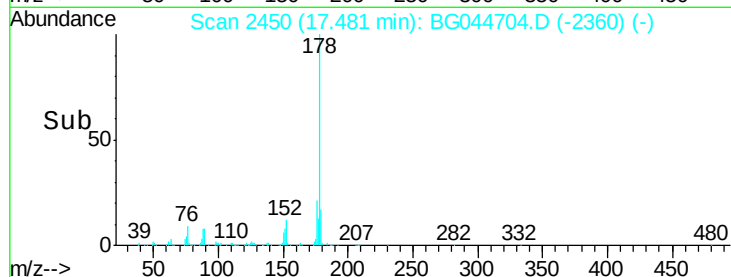
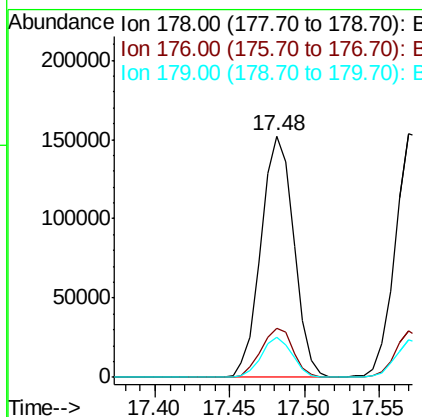
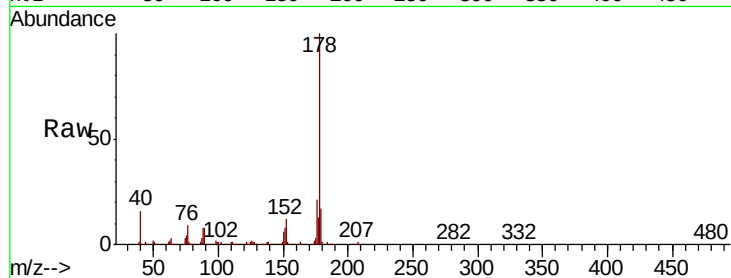
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion:178	Resp:	231746
Ion Ratio	Lower	Upper
178	100	
176	20.5	16.5 24.7
179	16.7	13.8 20.8

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#72

Anthracene

Concen: 8.358 ng

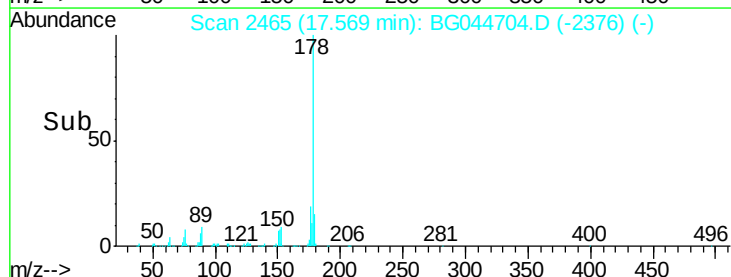
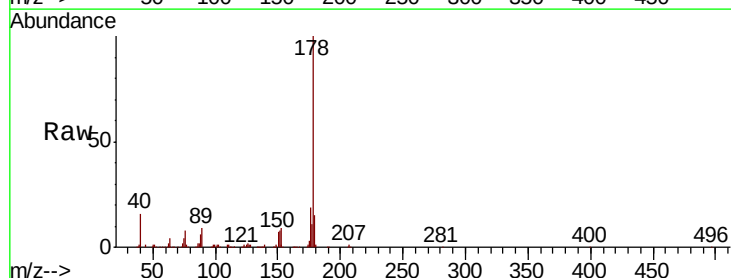
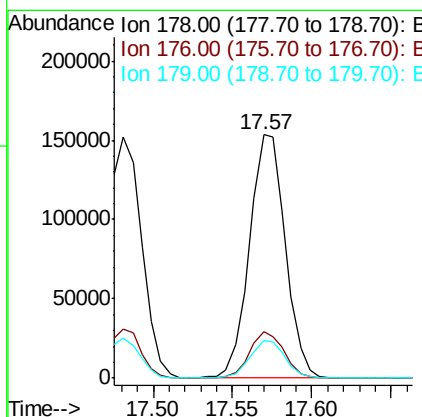
RT: 17.57 min Scan# 2465

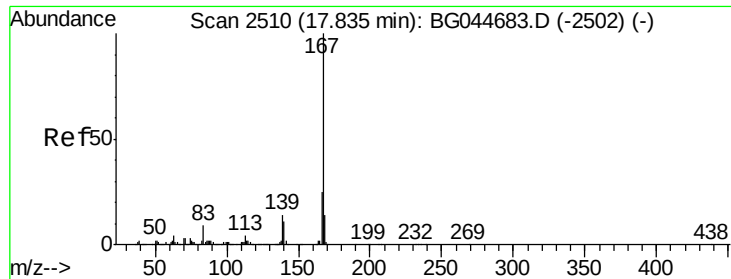
Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion:178	Resp:	241608
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.7 23.5
179	15.4	12.6 19.0





#73

Carbazole

Concen: 8.162 ng

RT: 17.83 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

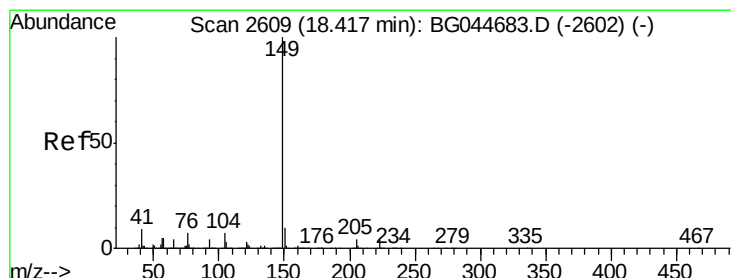
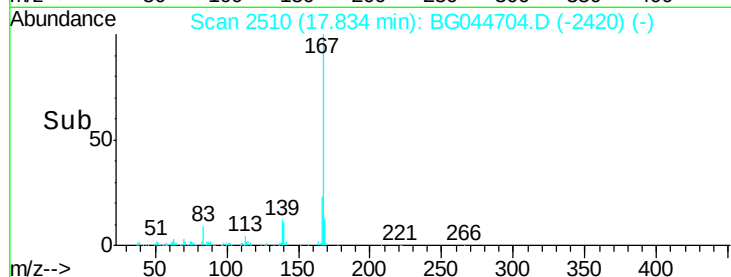
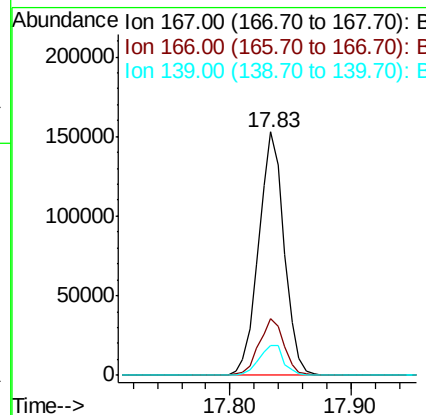
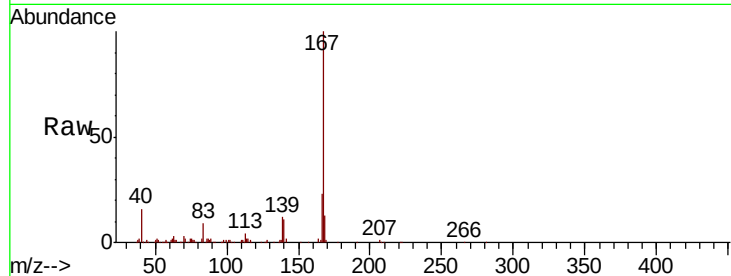
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion:	167	Resp:	225961
Ion Ratio	Lower	Upper	
167	100		
166	23.1	20.0	30.0
139	12.1	11.3	16.9

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#74

Di-n-butylphthalate

Concen: 7.661 ng

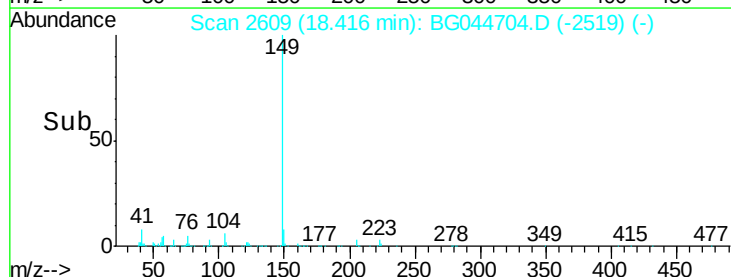
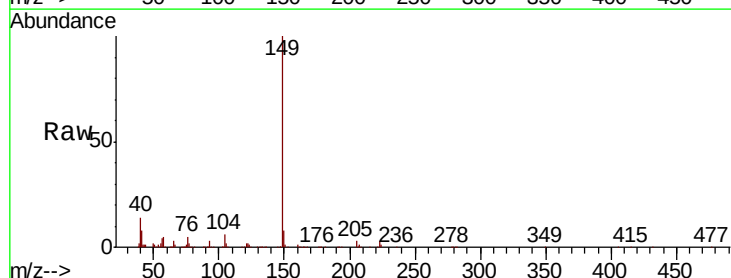
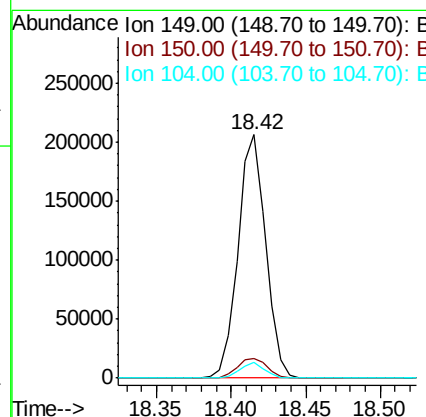
RT: 18.42 min Scan# 2609

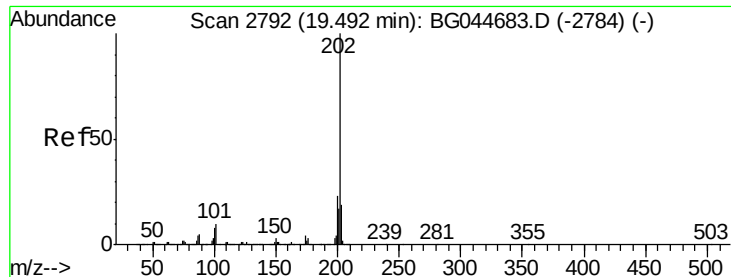
Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion:	149	Resp:	267114
Ion Ratio	Lower	Upper	
149	100		
150	8.0	8.0	12.0
104	6.3	5.5	8.3





#75

Fluoranthene

Concen: 8.311 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

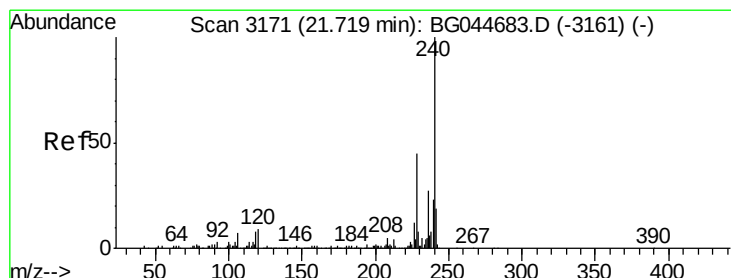
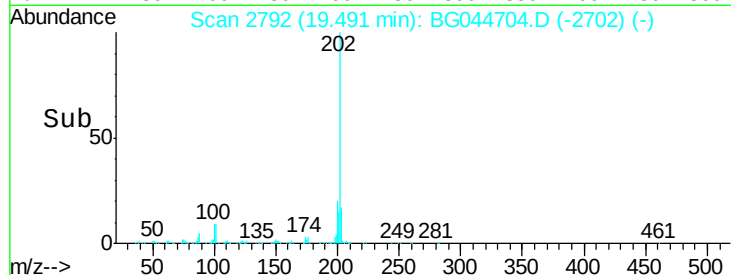
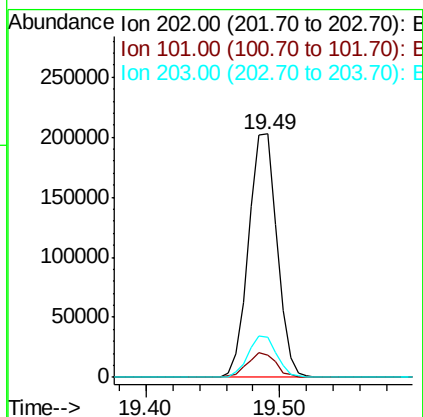
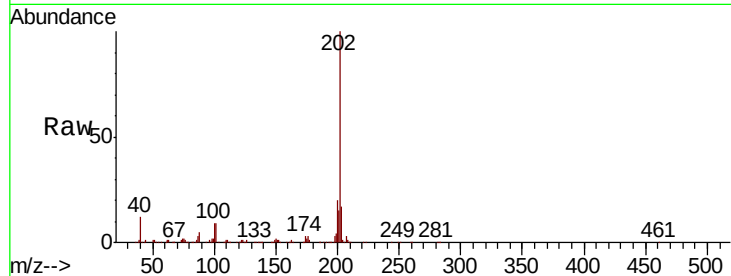
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	0.0	30.3
203	16.7	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

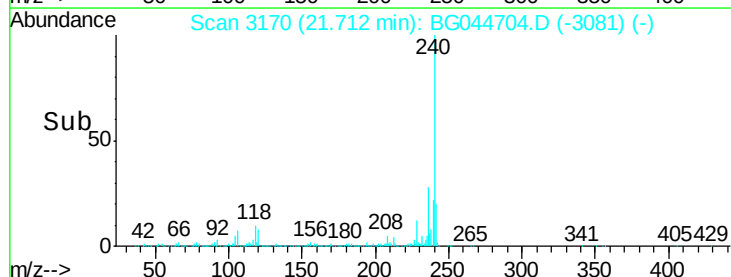
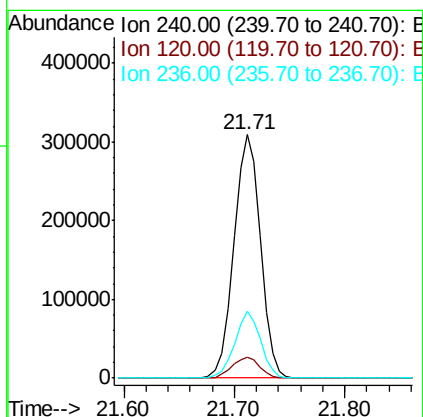
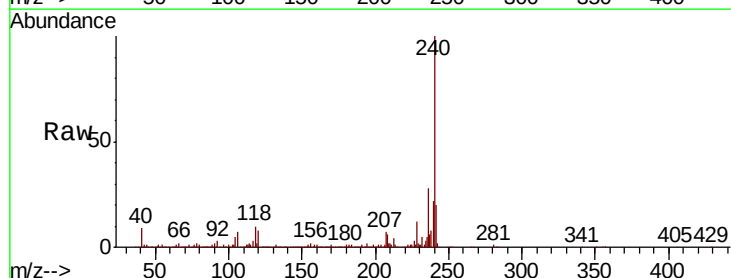
RT: 21.71 min Scan# 3170

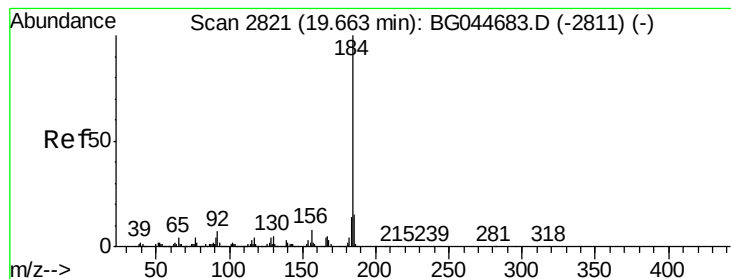
Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.4	7.0	10.6
236	27.7	21.5	32.3





#77

Benzidine

Concen: 7.728 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

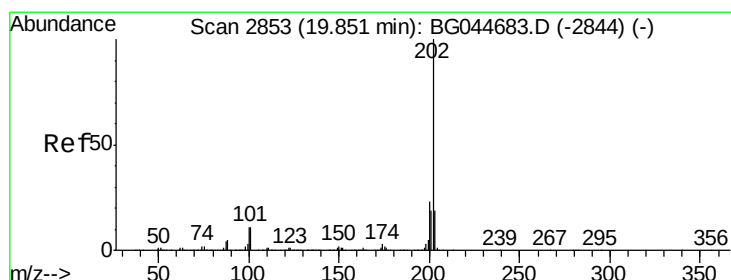
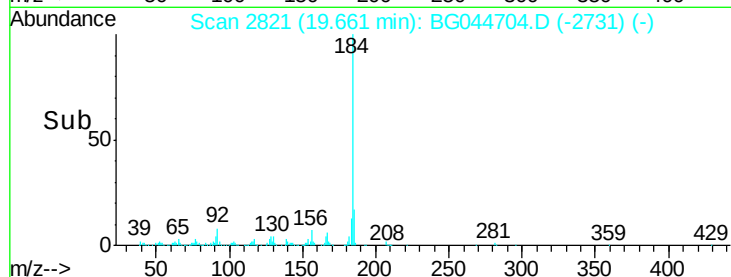
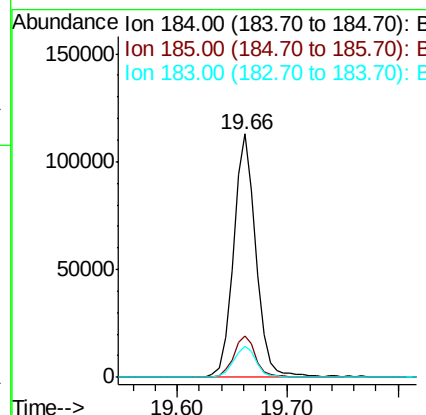
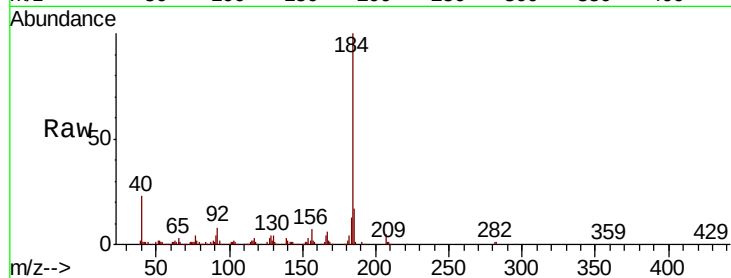
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion:	184	Resp:	160311
Ion Ratio	Lower	Upper	
184	100		
185	17.0	12.0	18.0
183	12.9	11.4	17.2

Manual Integrations
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#78

Pyrene

Concen: 7.557 ng

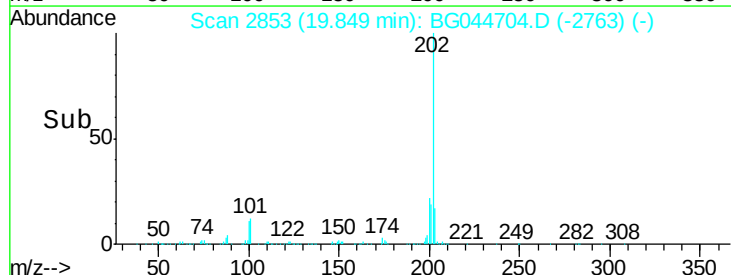
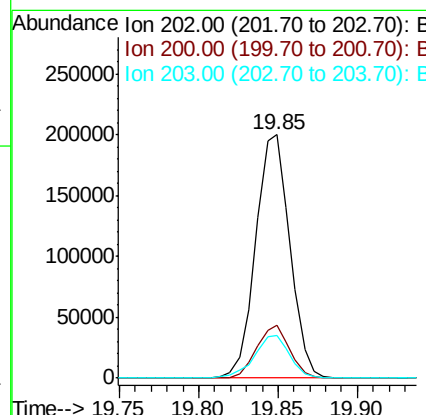
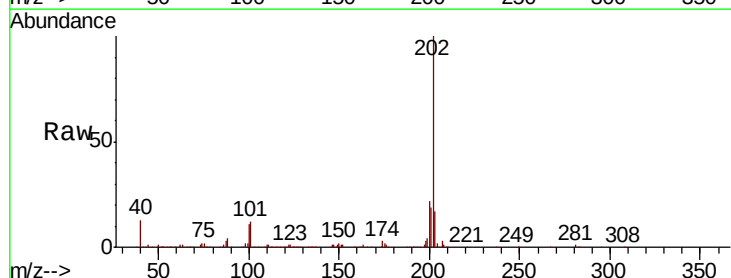
RT: 19.85 min Scan# 2853

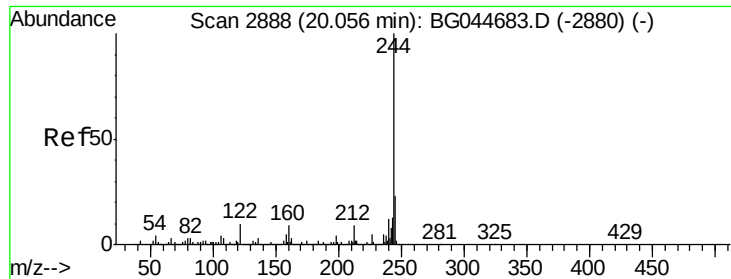
Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion:	202	Resp:	299527
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.2	27.2
203	17.3	15.2	22.8





#79

Terphenyl-d14

Concen: 88.114 ng

RT: 20.05 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

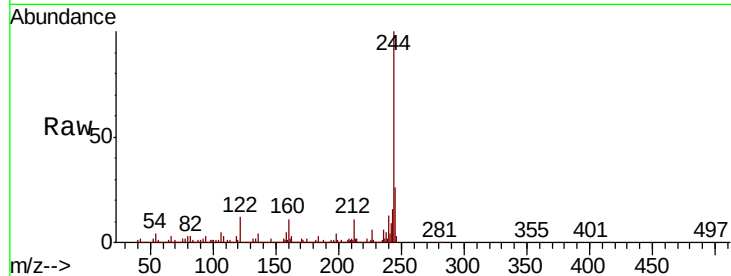
ClientSampleId :

MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.7	7.5	11.3
122	11.7	7.7	11.5

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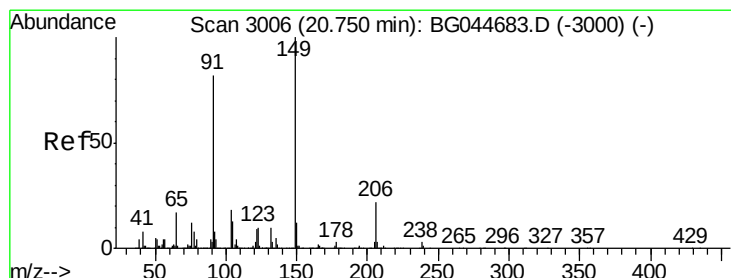
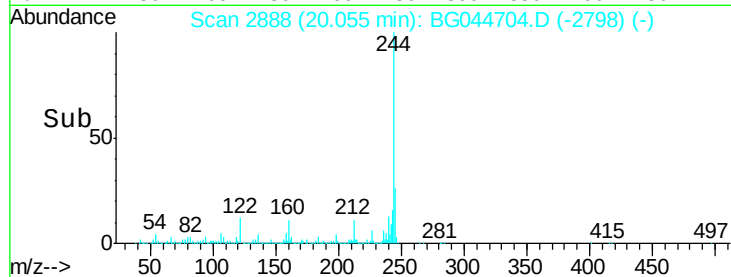
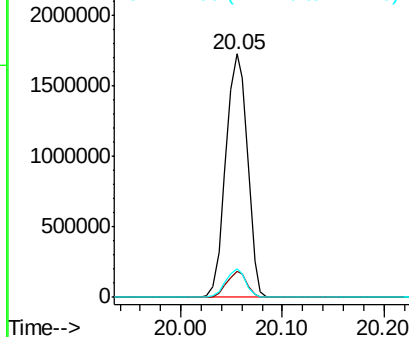


Abundance

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: 6.292 ng

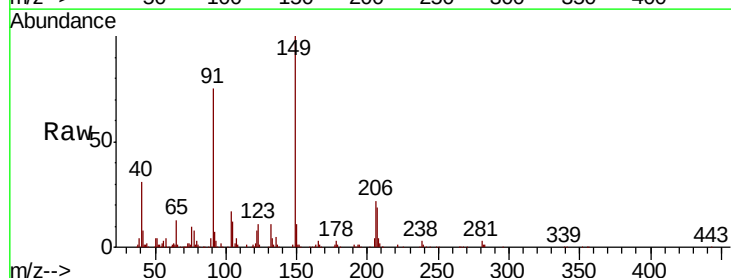
RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.7	65.7	98.5
206	21.5	17.3	25.9

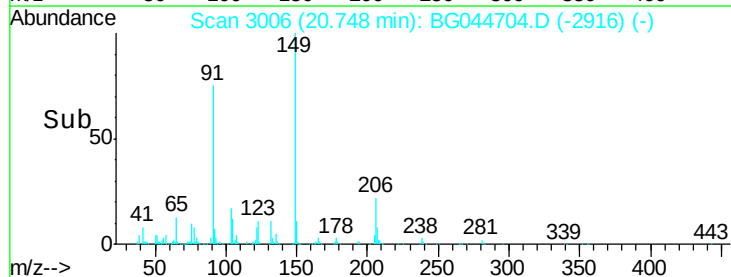
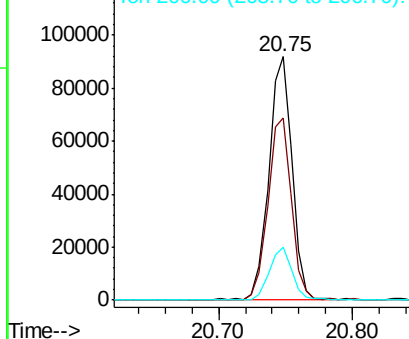


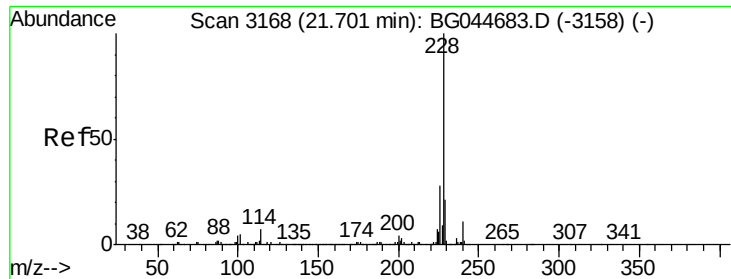
Abundance

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





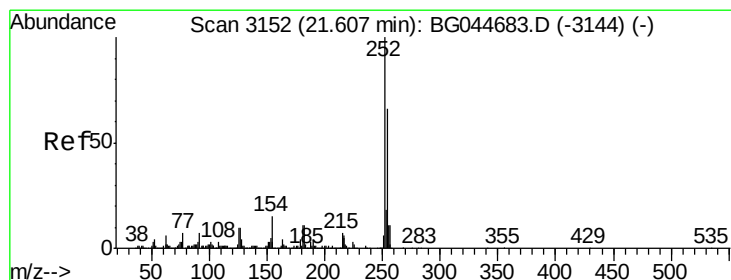
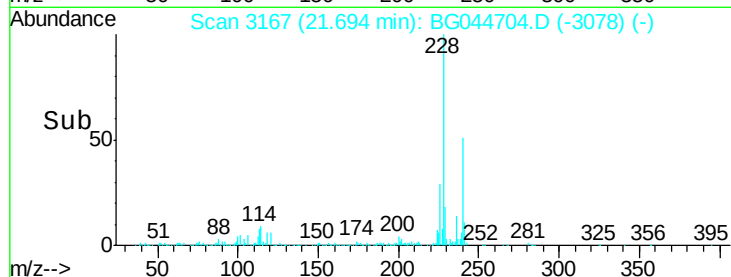
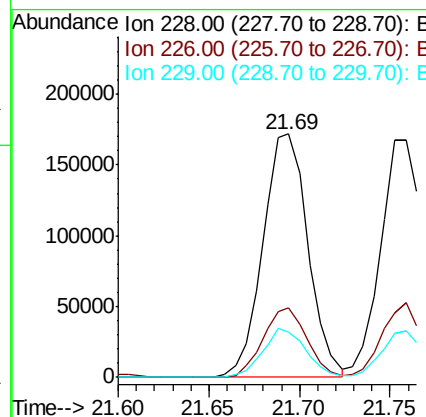
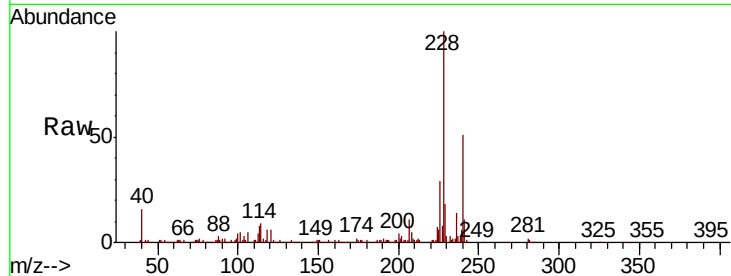
#81
Benzo(a)anthracene
Concen: 7.619 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	18.3	17.0	25.6

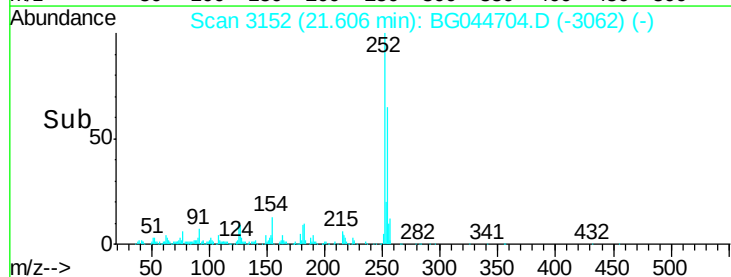
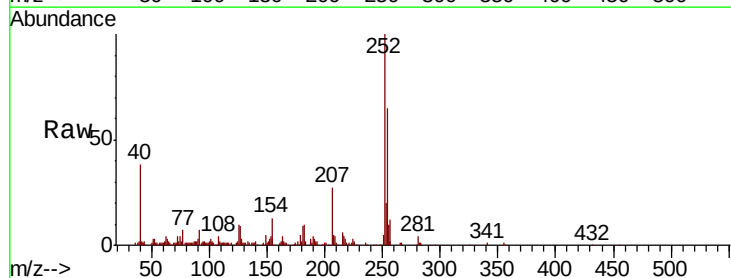
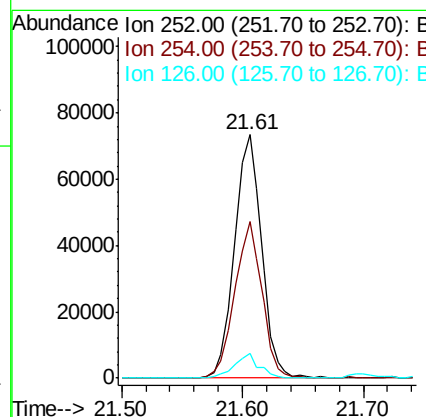
Manual Integrations
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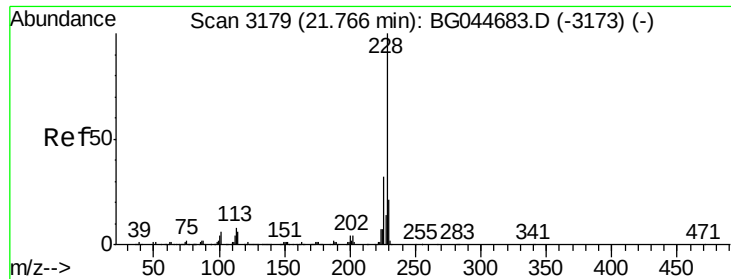
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#82
3,3'-Dichlorobenzidine
Concen: 7.407 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	79.0
126	10.0	7.8	11.6





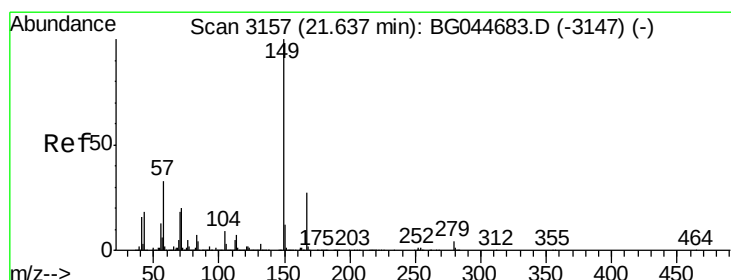
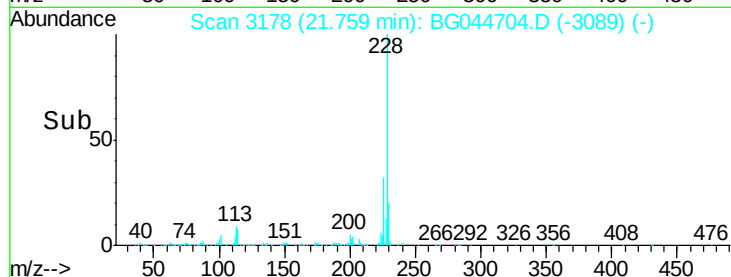
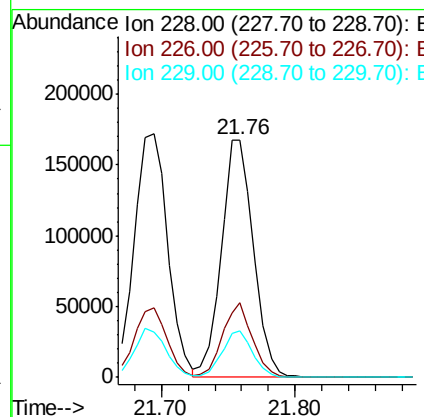
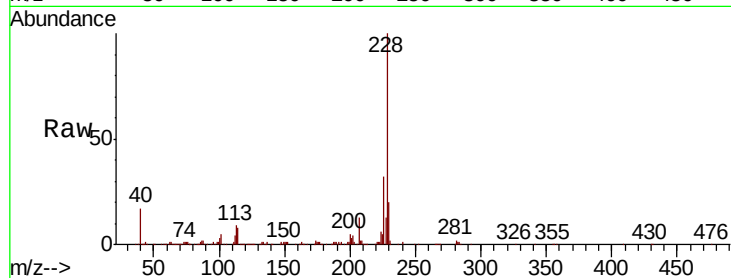
#83
Chrysene
Concen: 7.629 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.6
229	19.8	16.6	25.0

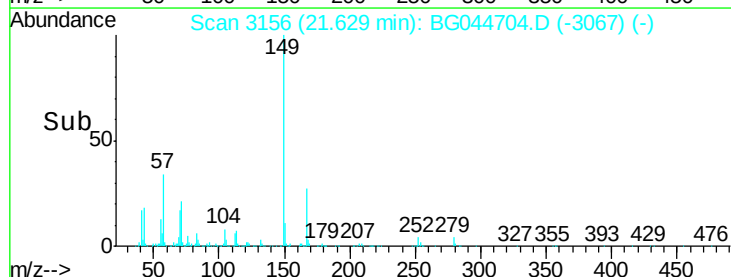
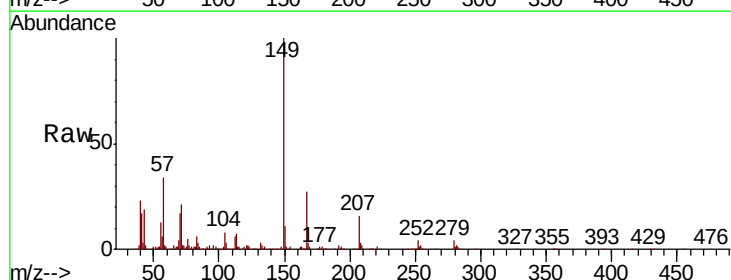
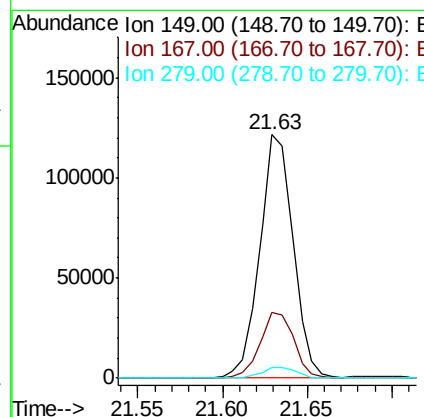
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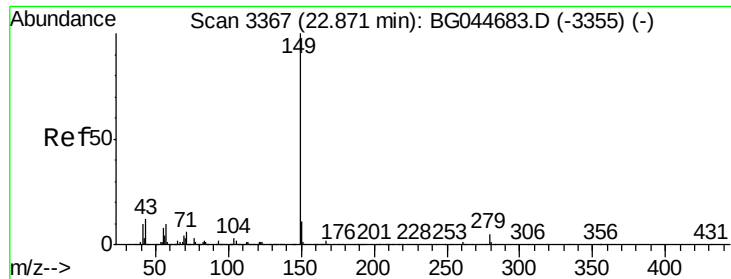
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.799 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 6.430 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BG044704.D

Acq: 9 Mar 2020 15:55

Instrument :

BNA_G

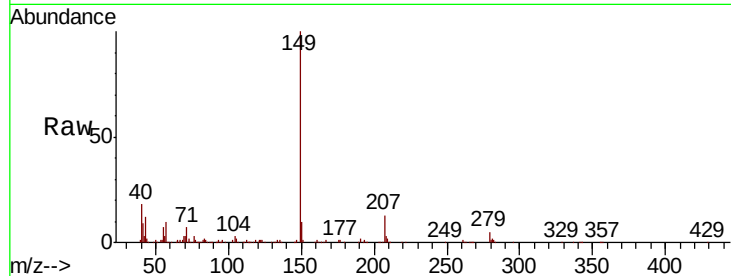
ClientSampleId :

MDL-SOIL-03-QT1-2020

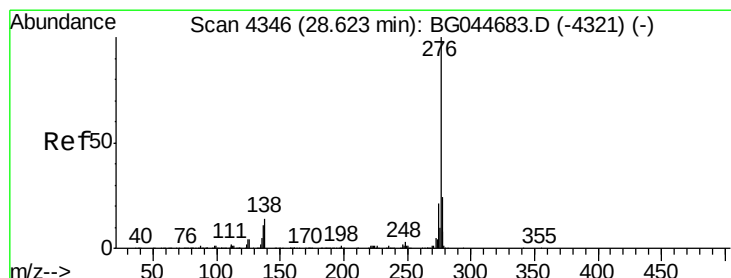
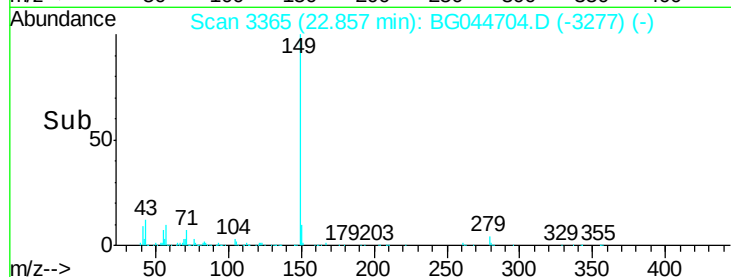
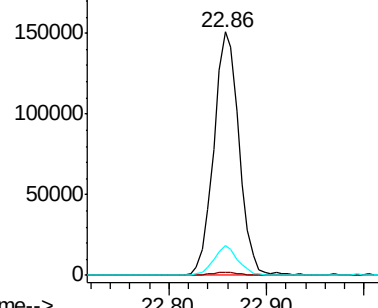
Tot Ion:	149	Resp:	272399
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.2	9.5	14.3

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.982 ng

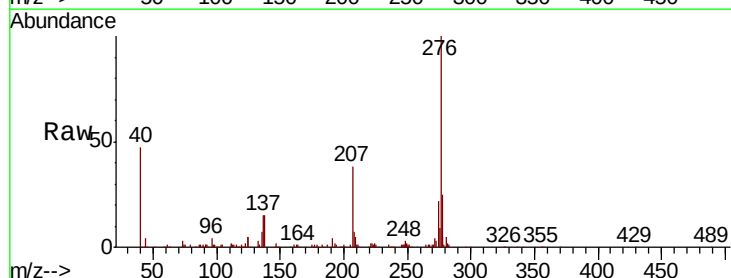
RT: 28.59 min Scan# 4341

Delta R.T. -0.03 min

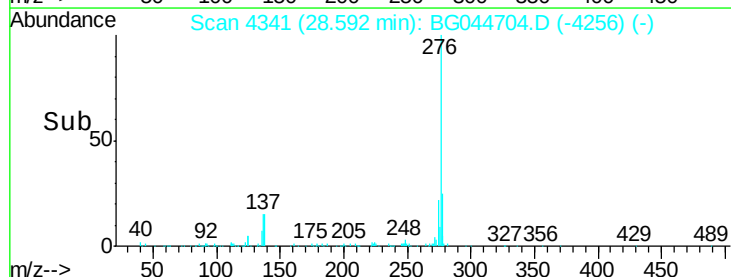
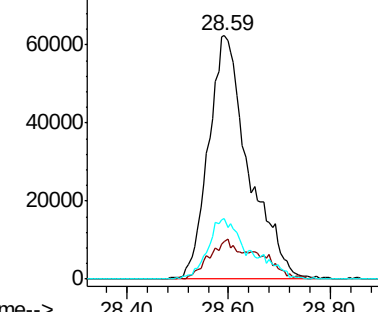
Lab File: BG044704.D

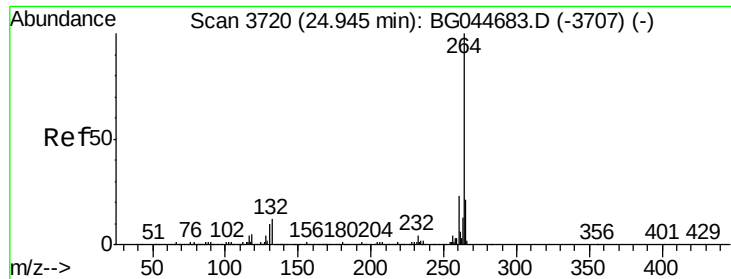
Acq: 9 Mar 2020 15:55

Tgt Ion:	276	Resp:	342014
Ion Ratio		Lower	Upper
276	100		
138	11.7	9.5	14.3
277	25.7	20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





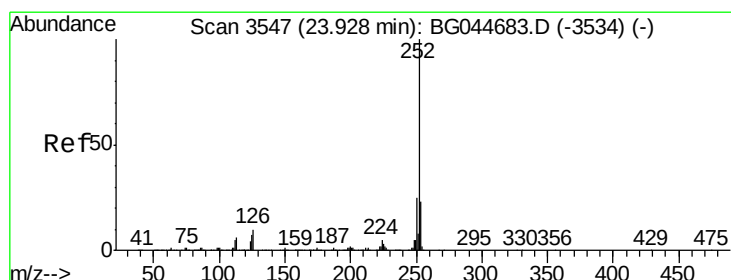
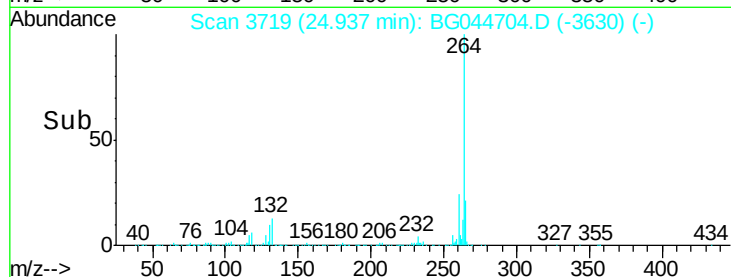
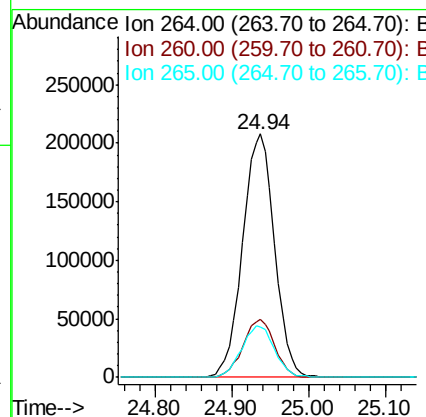
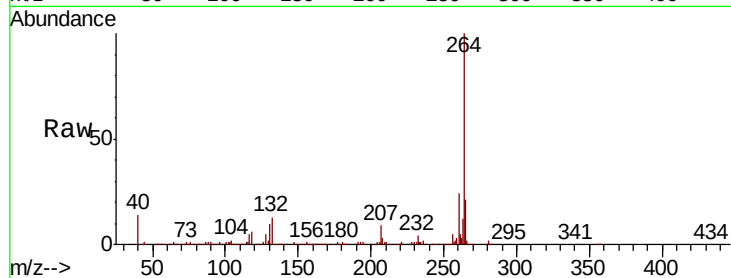
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.9	16.9	25.3

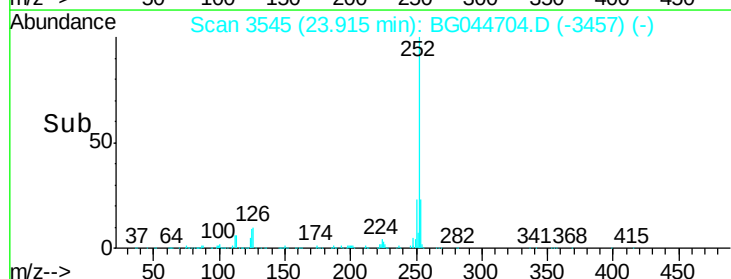
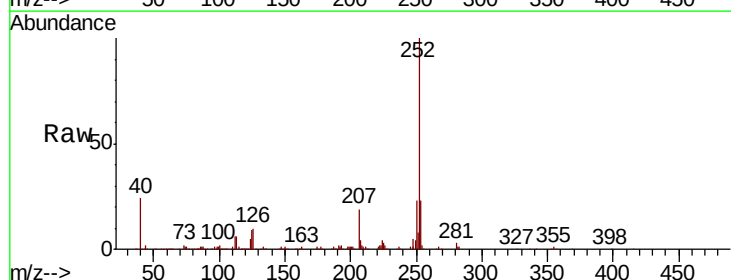
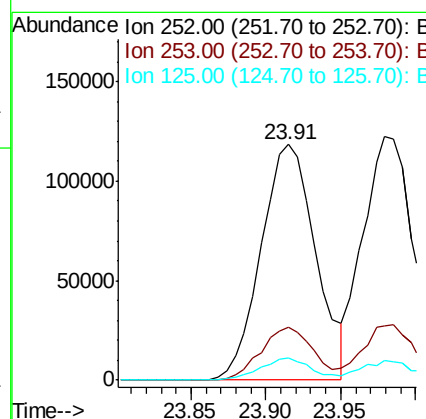
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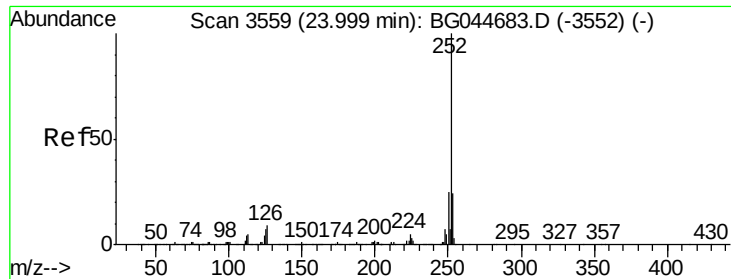
mohammad
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#88
Benzo(b)fluoranthene
Concen: 7.319 ng m
RT: 23.91 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.3	5.6	8.4#





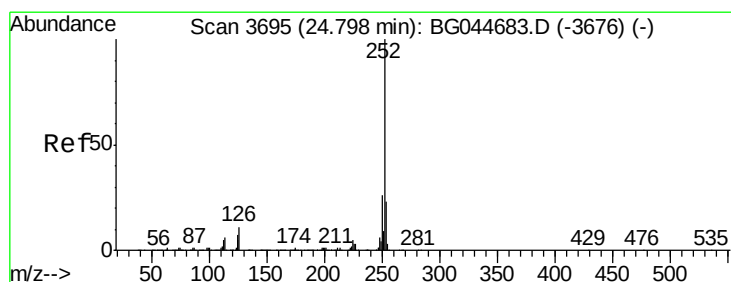
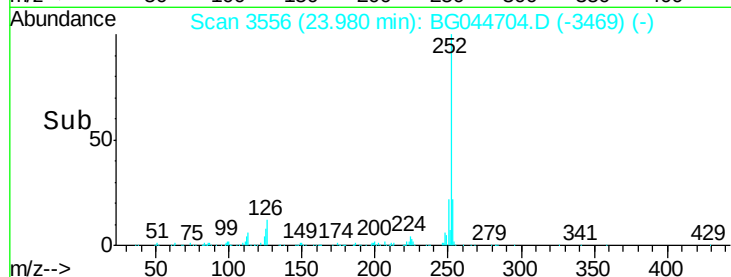
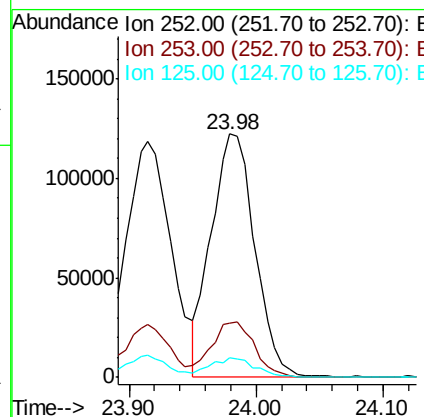
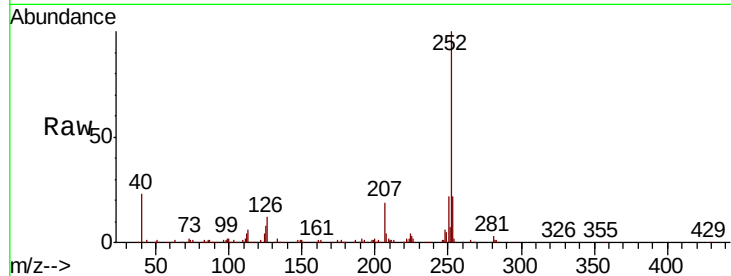
#89
Benzo(k)fluoranthene
Concen: 7.571 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.02 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	8.1	5.8	8.8

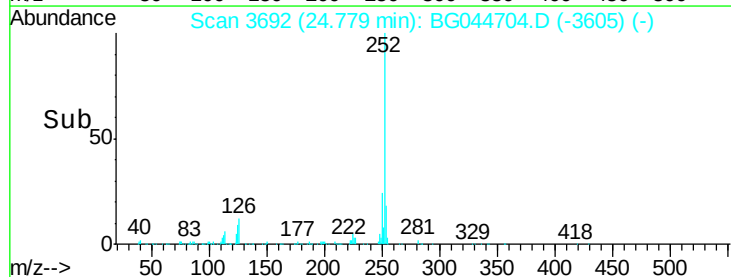
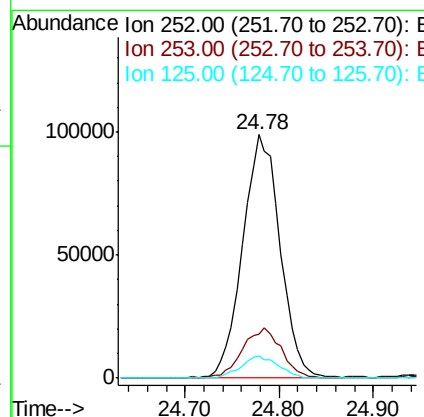
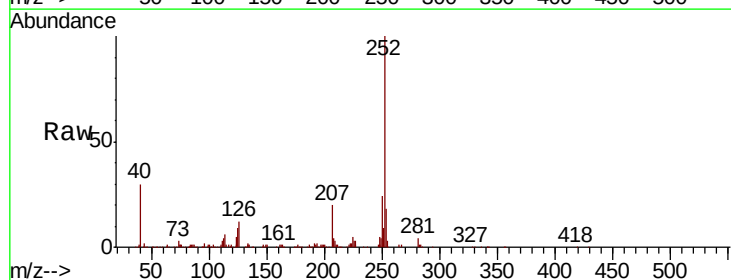
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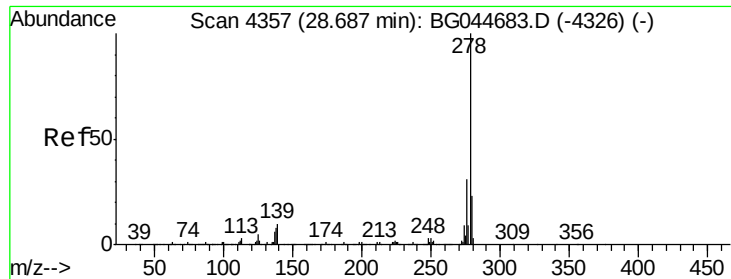
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#90
Benzo(a)pyrene
Concen: 7.152 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.2	18.4	27.6#
125	9.0	6.0	9.0





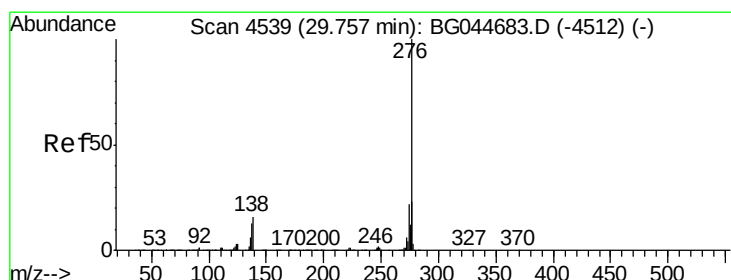
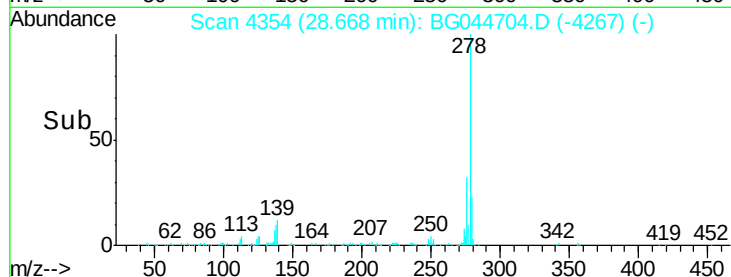
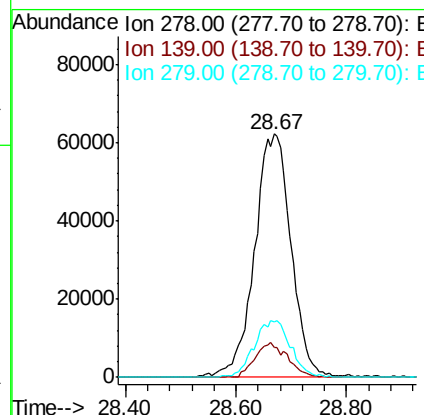
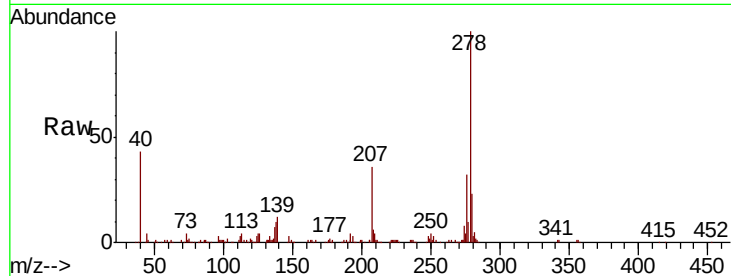
#91
Dibenzo(a,h)anthracene
Concen: 7.479 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2020

Tot Ion:278	Resp:	284441
Ion Ratio	Lower	Upper
278 100		
139 12.2	8.4	12.6
279 22.6	18.2	27.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.548 ng
RT: 29.73 min Scan# 4534
Delta R.T. -0.03 min
Lab File: BG044704.D
Acq: 9 Mar 2020 15:55

Tgt Ion:276	Resp:	287542
Ion Ratio	Lower	Upper
276 100		
277 22.1	18.7	28.1
138 15.9	12.7	19.1

