

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
 Data File : BG044695.D
 Acq On : 6 Mar 2020 13:18
 Operator : CG/JU
 Sample : L1161-02
 Misc : L00-SOIL 10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

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Quant Time: Mar 09 10:46:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 07 03:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	75969	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	306008	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	216978	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	493364	20.00	ng	0.00
76) Chrysene-d12	21.71	240	452725	20.00	ng	0.00
87) Perylene-d12	24.94	264	516738	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	663636	131.19	ng	0.00
7) Phenol-d6	7.21	99	976301	127.69	ng	0.00
23) Nitrobenzene-d5	9.22	82	698934	103.99	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	426441	143.08	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1450517	93.12	ng	0.00
79) Terphenyl-d14	20.06	244	2222912	87.65	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	19835	8.180	ng	96
3) Pyridine	3.93	79	51566	6.859	ng	93
4) n-Nitrosodimethylamine	3.84	42	22721	7.145	ng	83
6) Aniline	7.38	93	83855	8.755	ng	97
8) 2-Chlorophenol	7.62	128	45251	8.826	ng	96
9) Benzaldehyde	7.19	77	56916	12.682	ng	98
10) Phenol	7.24	94	63959	8.492	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	50841	8.785	ng	95
12) 1,3-Dichlorobenzene	7.95	146	53038	8.699	ng	95
13) 1,4-Dichlorobenzene	8.09	146	51300	8.422	ng	99
14) 1,2-Dichlorobenzene	8.42	146	50605	8.789	ng	99
15) Benzyl Alcohol	8.29	79	53895	8.171	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	92075	8.421	ng	94
17) 2-Methylphenol	8.49	107	44570	8.636	ng	91
18) Hexachloroethane	9.16	117	20699	8.472	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	51175	8.959	ng	93
20) 3+4-Methylphenols	8.82	107	62065	8.633	ng	98
22) Acetophenone	8.88	105	88766	9.937	ng	# 96
24) Nitrobenzene	9.26	77	70136	9.843	ng	91
25) Isophorone	9.79	82	136446	9.206	ng	97
26) 2-Nitrophenol	9.98	139	20547	8.818	ng	91
27) 2,4-Dimethylphenol	10.03	122	48339	10.396	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	74038	8.873	ng	# 95
29) 2,4-Dichlorophenol	10.51	162	46134	8.720	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	53957	8.779	ng	93
31) Naphthalene	10.92	128	157393	9.165	ng	97
32) Benzoic acid	10.09	122	18420m	5.648	ng	
33) 4-Chloroaniline	11.01	127	70944	8.969	ng	94
34) Hexachlorobutadiene	11.22	225	33467	7.970	ng	98
35) Caprolactam	11.76	113	20821	9.427	ng	# 76
36) 4-Chloro-3-methylphenol	12.13	107	59499	8.880	ng	99
37) 2-Methylnaphthalene	12.52	142	121390	9.367	ng	99
38) 1-Methylnaphthalene	12.74	142	115391	9.419	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	64745	9.192	ng	98

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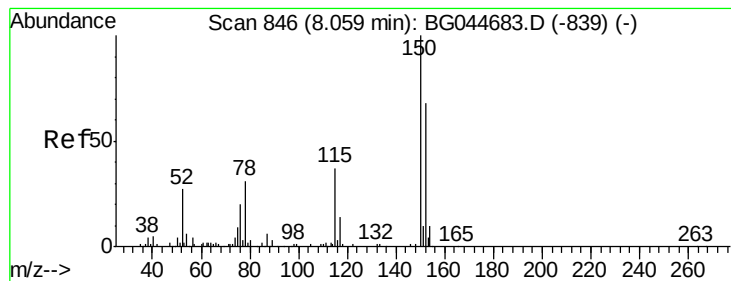
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Quant Time: Mar 09 10:46:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 07 03:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	42031	10.204	ng	99
43) 2,4,6-Trichlorophenol	13.12	196	41005	8.397	ng	91
44) 2,4,5-Trichlorophenol	13.19	196	44158	8.818	ng	90
46) 1,1'-Biphenyl	13.53	154	163216	9.458	ng	98
47) 2-Chloronaphthalene	13.57	162	114705	8.714	ng	96
48) 2-Nitroaniline	13.76	65	37495	8.445	ng	94
49) Acenaphthylene	14.42	152	200941	9.528	ng	97
50) Dimethylphthalate	14.15	163	161257	8.940	ng	# 99
51) 2,6-Dinitrotoluene	14.25	165	30132	9.296	ng	94
52) Acenaphthene	14.76	154	123325	9.043	ng	93
53) 3-Nitroaniline	14.57	138	31071	8.318	ng	93
54) 2,4-Dinitrophenol	14.78	184	10945	7.273	ng	# 54
55) Dibenzofuran	15.09	168	194966	9.541	ng	96
56) 4-Nitrophenol	14.87	139	25292	8.702	ng	92
57) 2,4-Dinitrotoluene	15.04	165	38724	8.941	ng	# 92
58) Fluorene	15.74	166	157879	9.342	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.31	232	41211	8.646	ng	# 91
60) Diethylphthalate	15.51	149	173570	9.000	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	81774	8.917	ng	98
62) 4-Nitroaniline	15.74	138	33979	8.259	ng	97
63) Azobenzene	16.03	77	191405	9.484	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	17043	8.456	ng	78
66) n-Nitrosodiphenylamine	15.94	169	143179	9.492	ng	96
67) 4-Bromophenyl-phenylether	16.63	248	55278	8.884	ng	91
68) Hexachlorobenzene	16.75	284	58168	8.658	ng	94
69) Atrazine	16.90	200	59408	10.191	ng	97
70) Pentachlorophenol	17.08	266	31505	8.264	ng	94
71) Phenanthrene	17.48	178	255764m	9.454	ng	
72) Anthracene	17.57	178	267283	10.031	ng	97
73) Carbazole	17.84	167	242467	9.502	ng	97
74) Di-n-butylphthalate	18.42	149	301883	9.393	ng	98
75) Fluoranthene	19.49	202	317071	9.698	ng	98
77) Benzidine	19.66	184	194113	10.741	ng	98
78) Pyrene	19.85	202	319003	9.238	ng	94
80) Butylbenzylphthalate	20.75	149	126712	8.221	ng	94
81) Benzo(a)anthracene	21.70	228	313759	9.242	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	129429	9.575	ng	98
83) Chrysene	21.76	228	296650	9.180	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	188614	8.775	ng	97
85) Di-n-octyl phthalate	22.86	149	316736	8.581	ng	99
86) Indeno(1,2,3-cd)pyrene	28.59	276	359411	8.421	ng	99
88) Benzo(b)fluoranthene	23.92	252	315008	8.957	ng	# 98
89) Benzo(k)fluoranthene	23.98	252	302104	9.164	ng	99
90) Benzo(a)pyrene	24.78	252	289175	8.828	ng	97
91) Dibenzo(a,h)anthracene	28.68	278	301665	9.236	ng	96
92) Benzo(g,h,i)perylene	29.73	276	300140	9.174	ng	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. 0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

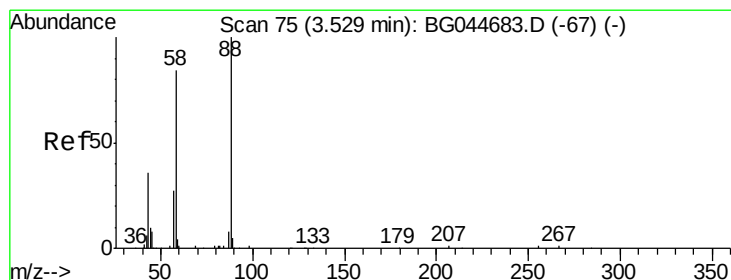
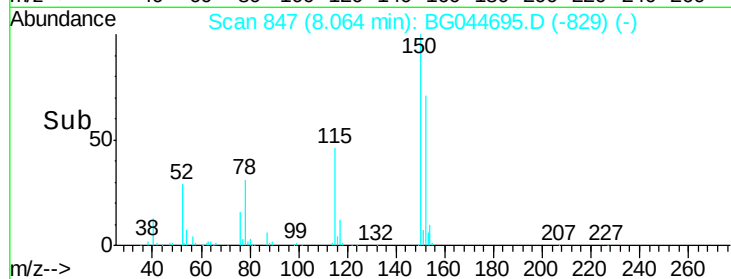
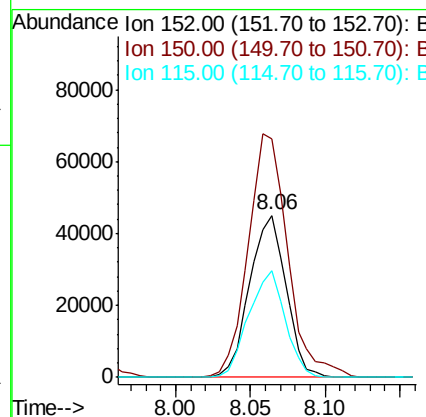
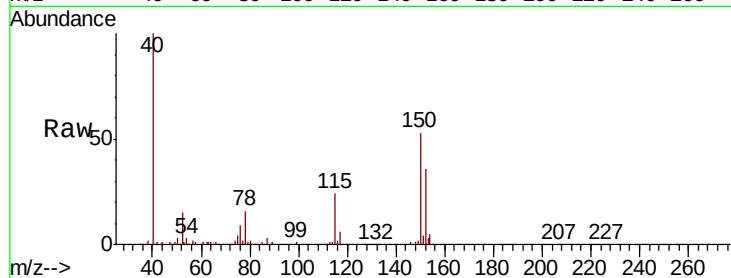
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	152	Resp:	75969
Ion Ratio	Lower	Upper	
152	100		
150	147.1	118.6	177.8
115	65.5	43.6	65.4#

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#2

1,4-Dioxane

Concen: 8.180 ng

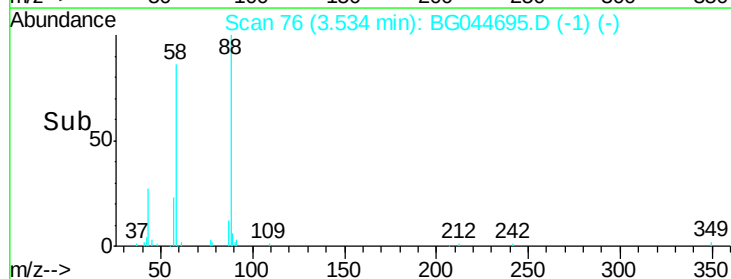
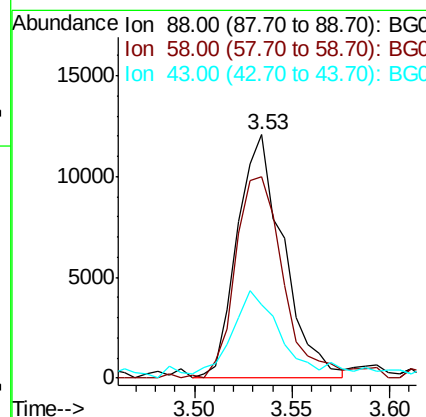
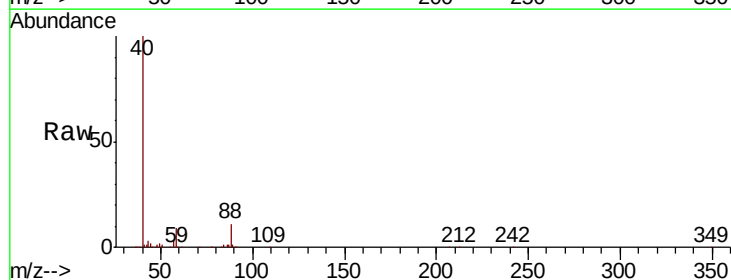
RT: 3.53 min Scan# 76

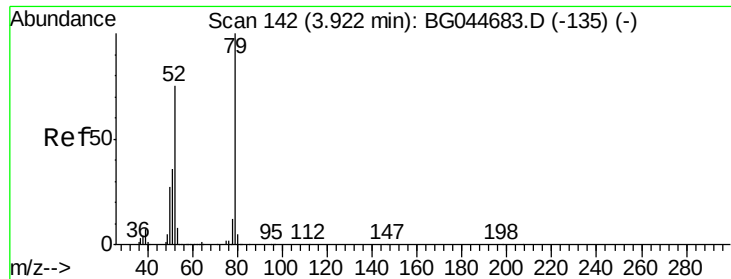
Delta R.T. 0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion:	88	Resp:	19835
Ion Ratio	Lower	Upper	
88	100		
58	87.8	66.6	99.8
43	35.1	27.4	41.2





#3

Pvridine

Concen: 6.859 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

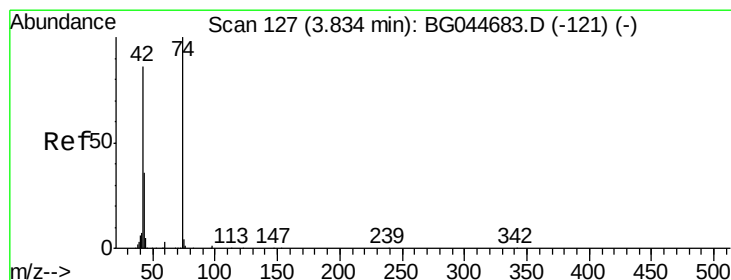
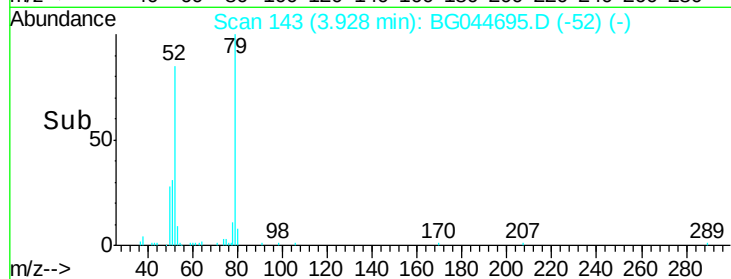
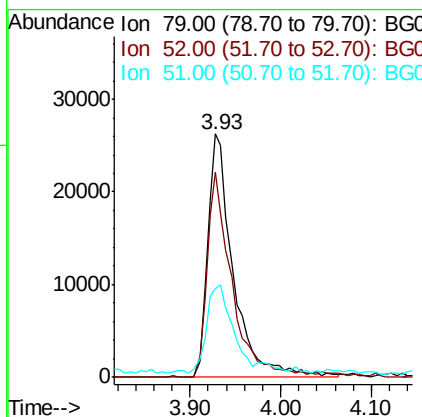
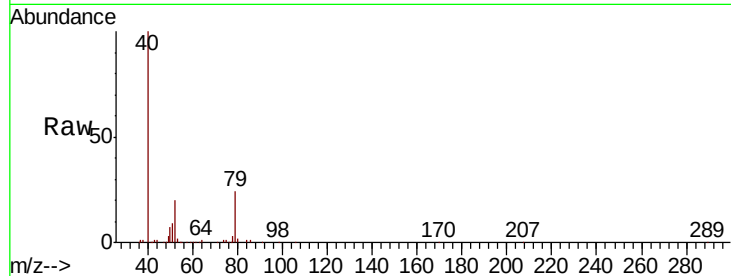
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	79	Resp:	51566
Ion	Ratio	Lower	Upper
79	100		
52	84.1	59.9	89.9
51	36.6	29.3	43.9

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#4

n-Nitrosodimethylamine

Concen: 7.145 ng

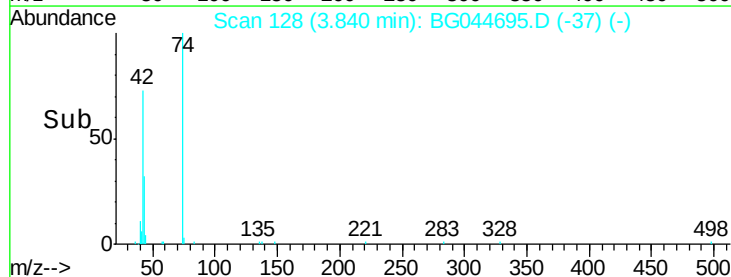
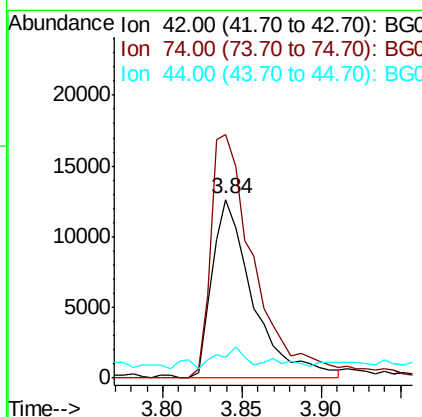
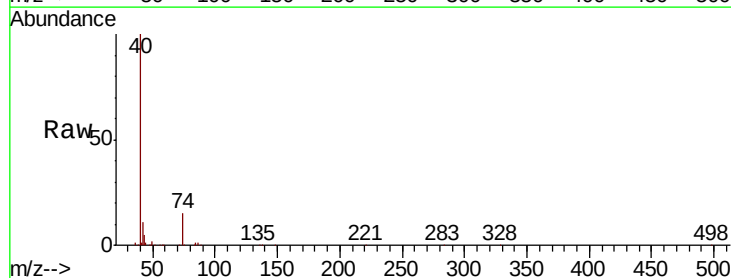
RT: 3.84 min Scan# 128

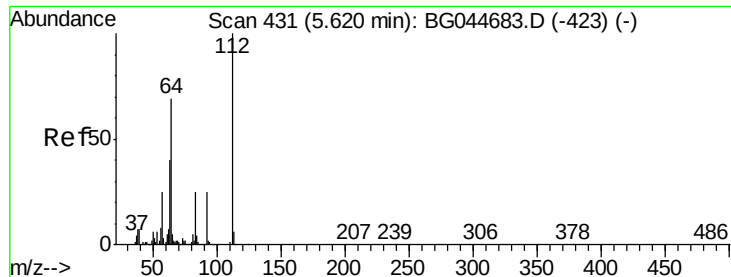
Delta R.T. 0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion:	42	Resp:	22721
Ion	Ratio	Lower	Upper
42	100		
74	136.5	93.4	140.2
44	11.9	8.9	13.3





#5

2-Fluorophenol

Concen: 131.194 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

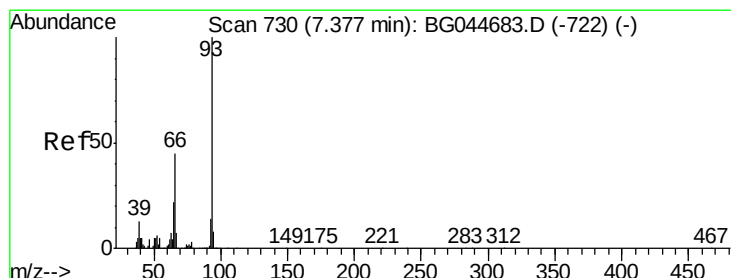
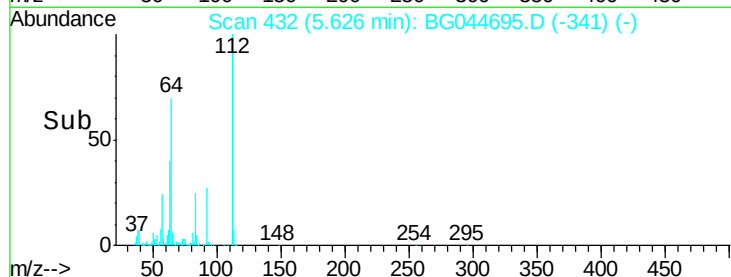
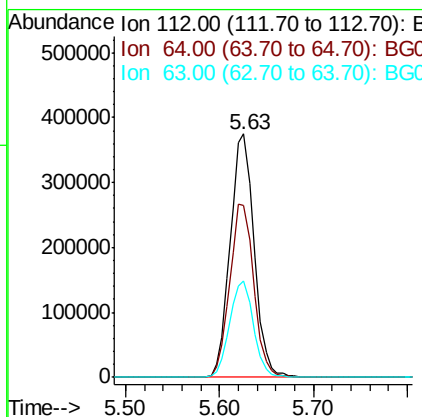
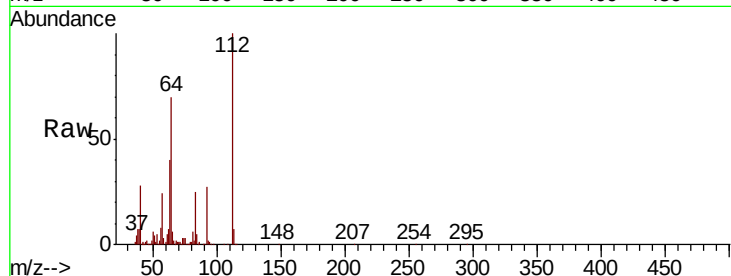
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	112	Resp:	663636
Ion Ratio	Lower	Upper	
112	100		
64	70.4	55.4	83.0
63	39.6	32.1	48.1

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#6

Aniline

Concen: 8.755 ng

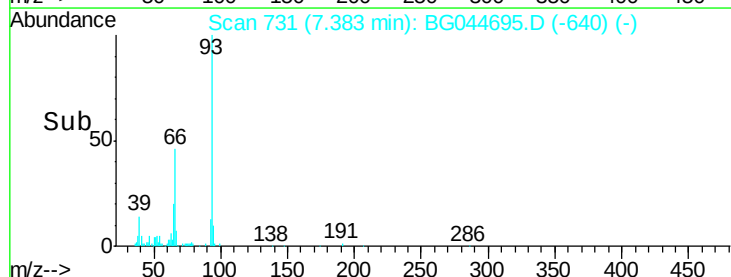
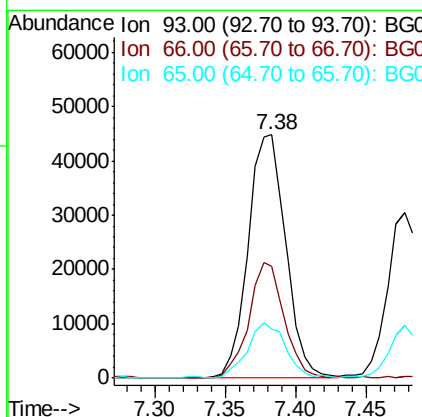
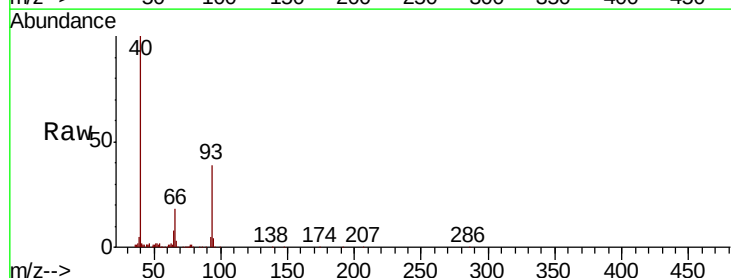
RT: 7.38 min Scan# 731

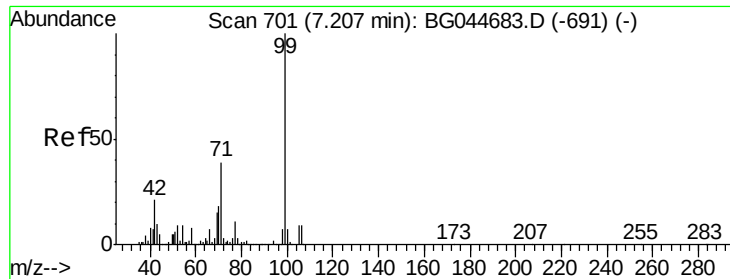
Delta R.T. 0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion:	93	Resp:	83855
Ion Ratio	Lower	Upper	
93	100		
66	45.8	35.8	53.8
65	20.0	17.9	26.9





#7

Phenol-d6

Concen: 127.687 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

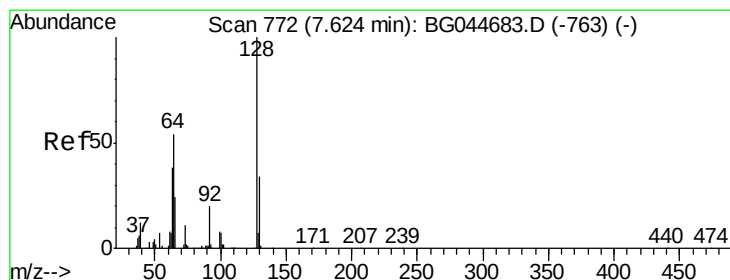
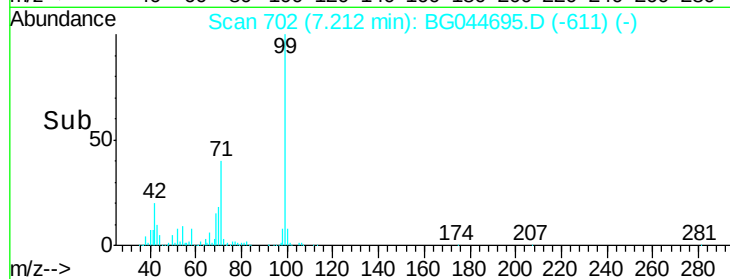
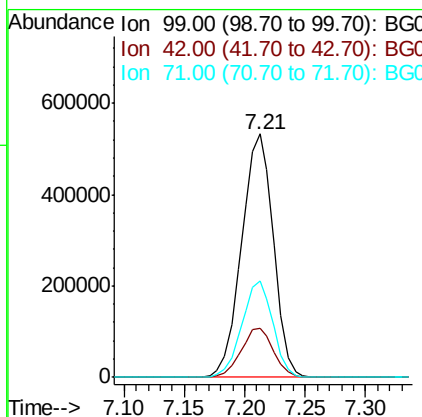
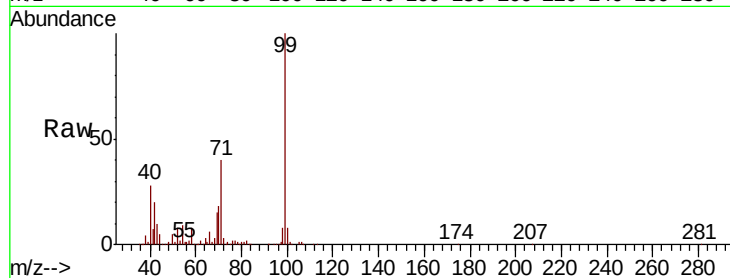
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	99	Resp:	976301
Ion Ratio	Lower	Upper	
99	100		
42	20.4	16.5	24.7
71	39.7	30.9	46.3

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#8

2-Chlorophenol

Concen: 8.826 ng

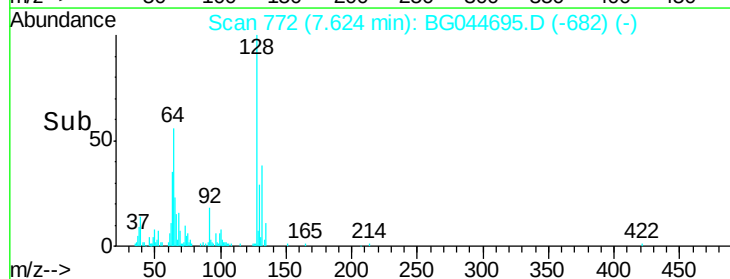
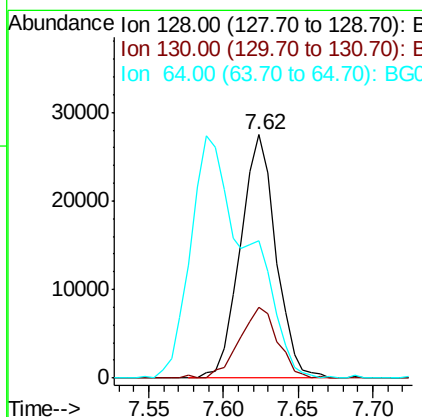
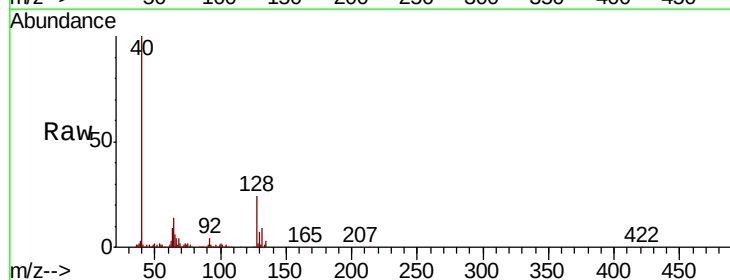
RT: 7.62 min Scan# 772

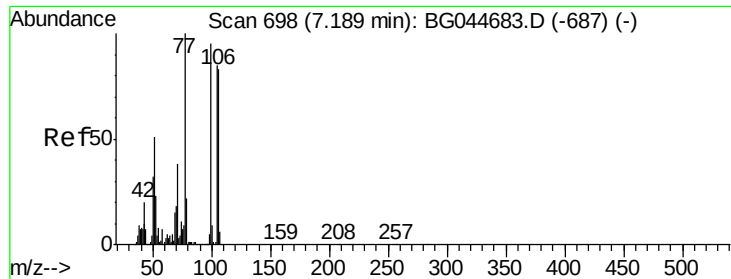
Delta R.T. -0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion:	128	Resp:	45251
Ion Ratio	Lower	Upper	
128	100		
130	28.9	14.0	54.0
64	56.2	37.6	77.6





#9

Benzaldehyde

Concen: 12.682 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

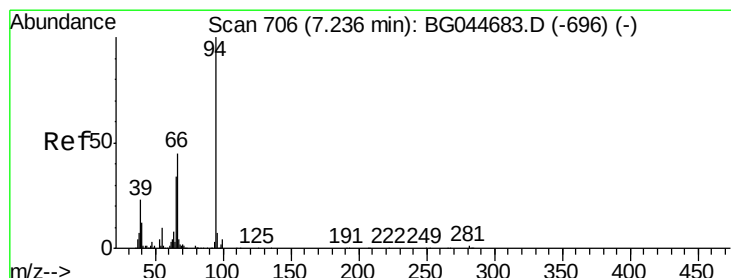
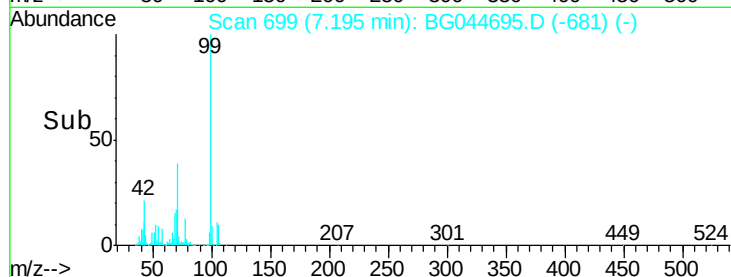
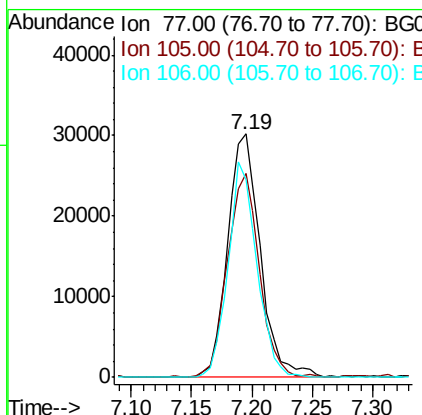
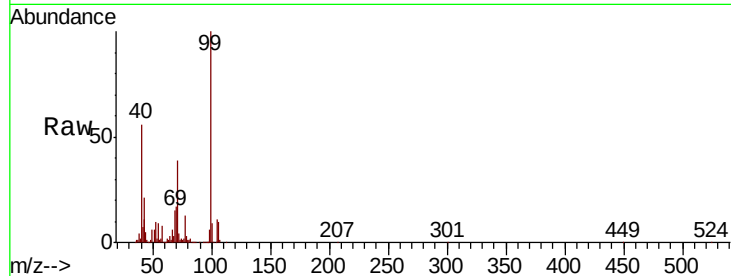
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	83.9	65.1	105.1
106	80.9	63.1	103.1

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#10

Phenol

Concen: 8.492 ng

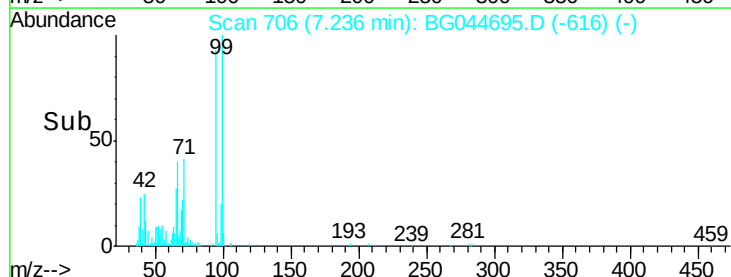
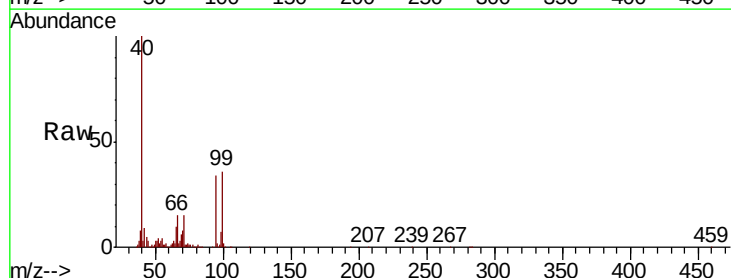
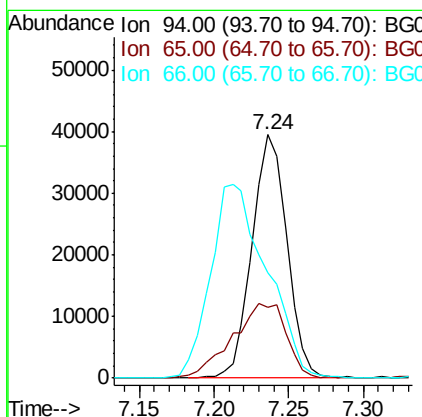
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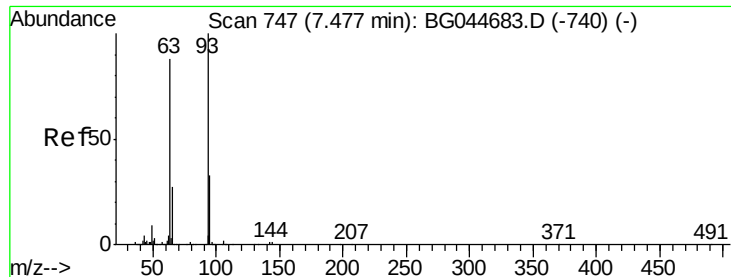
Delta R.T. 0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	13.5	53.5
66	43.4	25.8	65.8





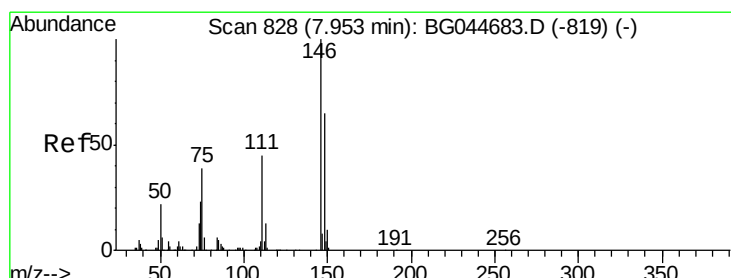
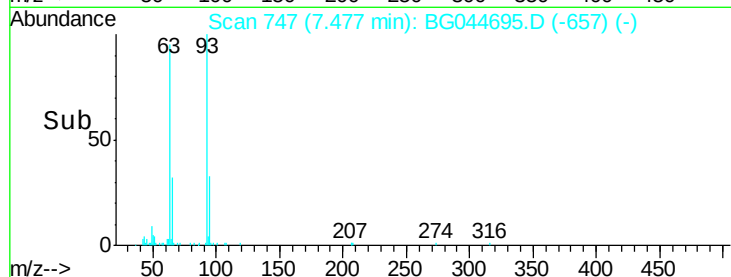
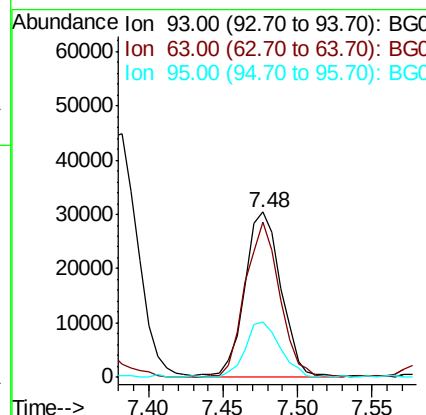
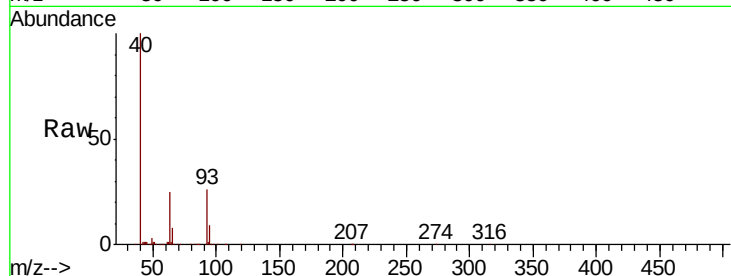
#11
bis(2-Chloroethyl)ether
Concen: 8.785 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	94.0	67.8	107.8
95	33.2	13.0	53.0

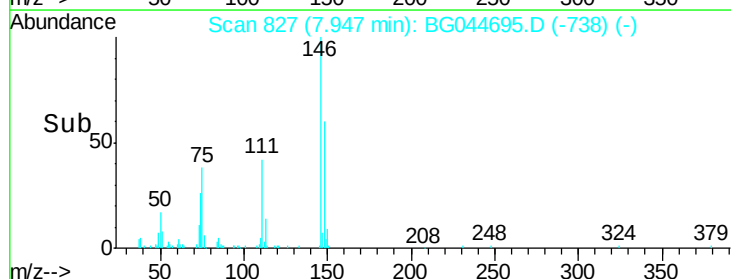
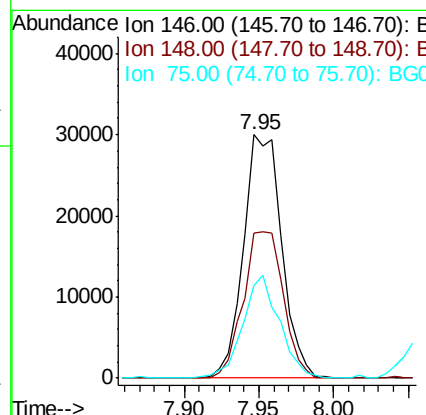
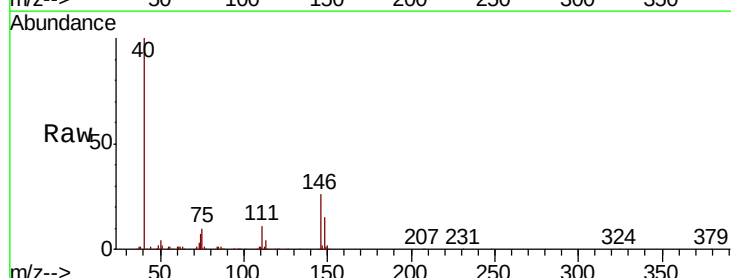
Manual Integrations
APPROVED

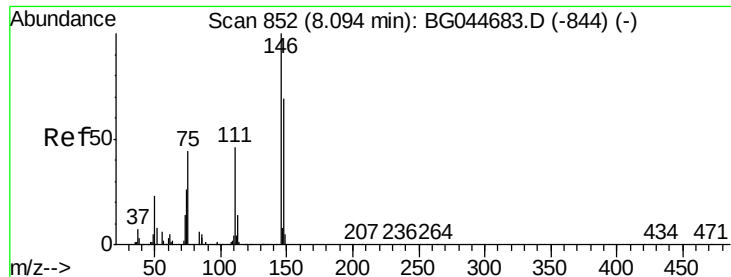
mohammad
3/9/2020 3:07:51 PM



#12
1,3-Dichlorobenzene
Concen: 8.699 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	51.9	77.9
75	37.9	31.0	46.6





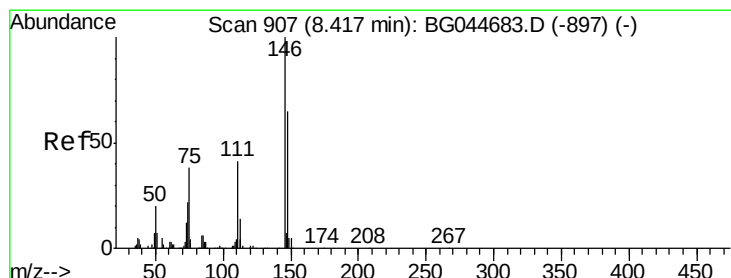
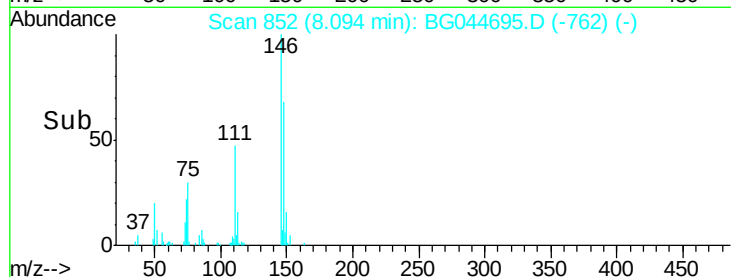
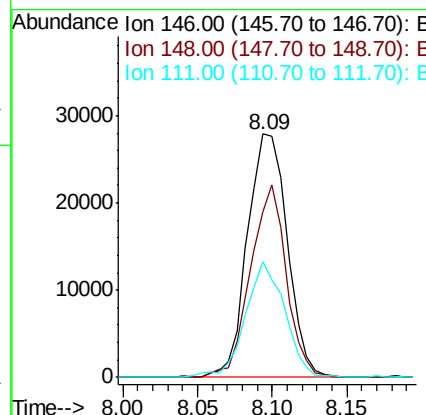
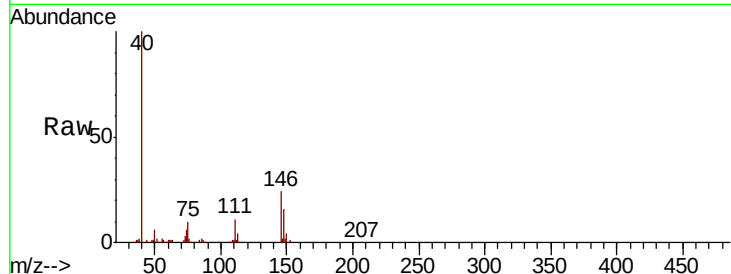
#13
1,4-Dichlorobenzene
Concen: 8.422 ng
RT: 8.09 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.8	55.0	82.4
111	47.3	37.2	55.8

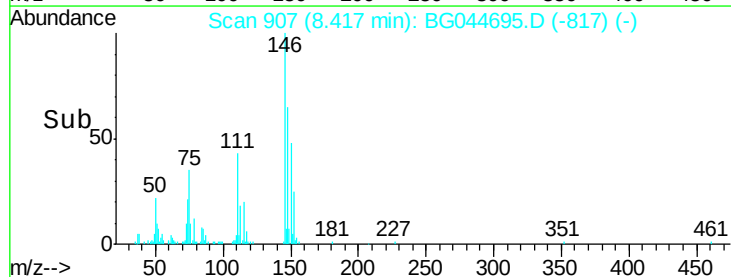
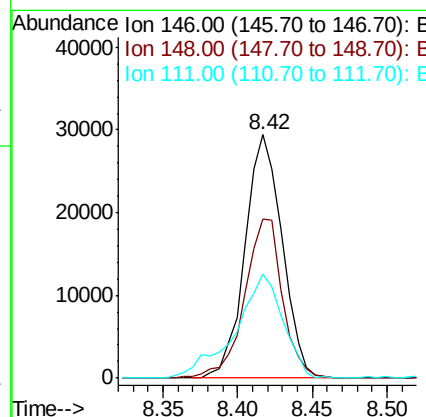
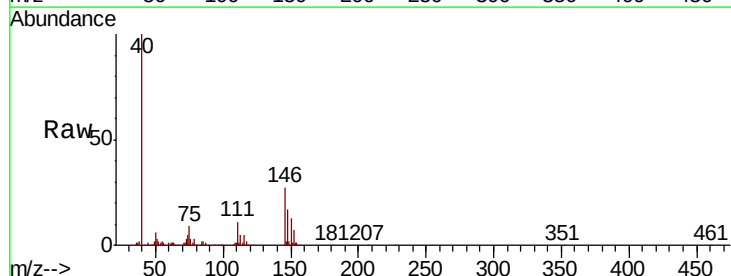
Manual Integrations
APPROVED

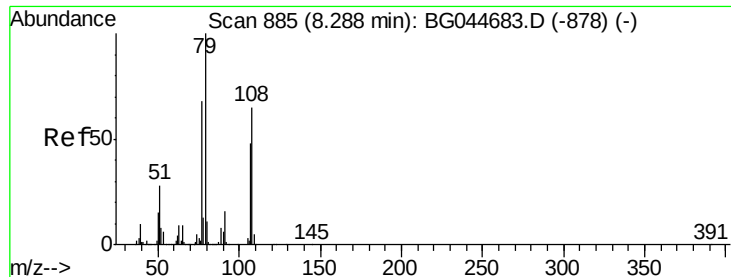
mohammad
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#14
1,2-Dichlorobenzene
Concen: 8.789 ng
RT: 8.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
111	42.9	33.4	50.0





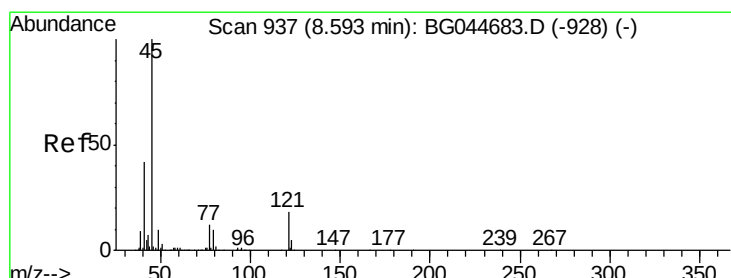
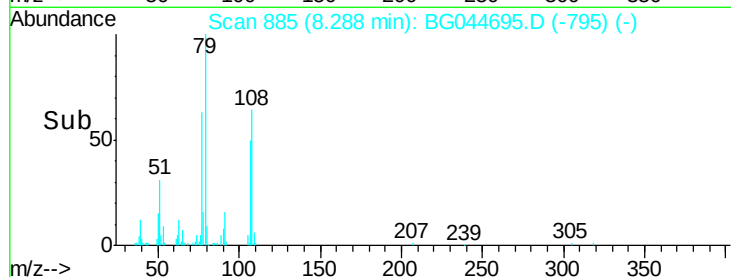
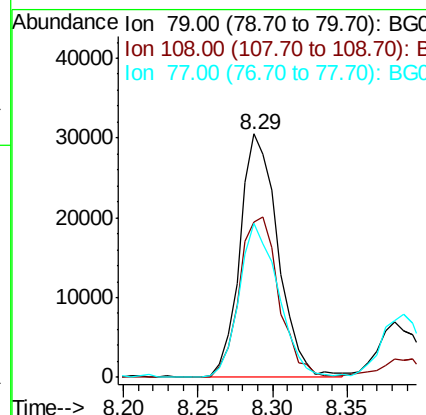
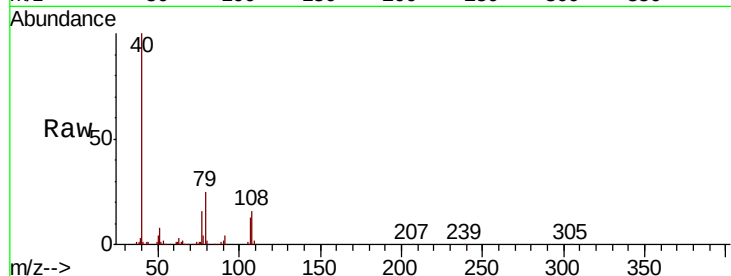
#15
Benzyl Alcohol
Concen: 8.171 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.0	52.2	78.4
77	63.3	54.2	81.2

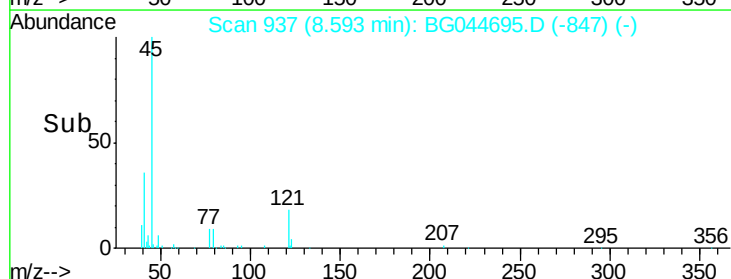
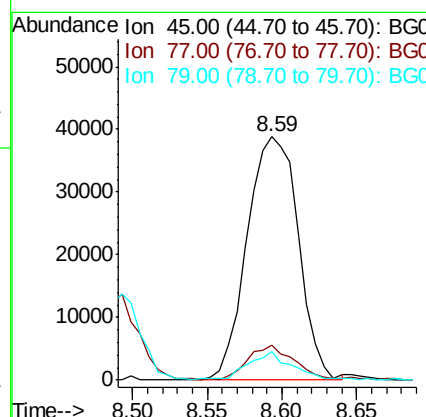
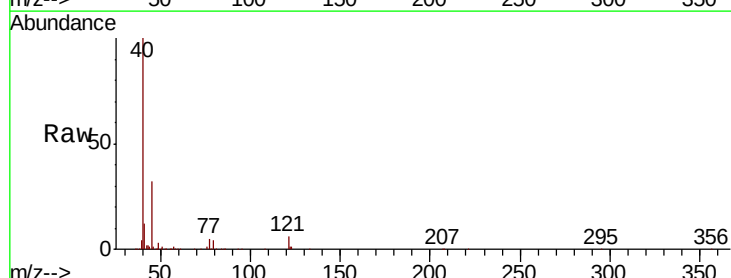
Manual Integrations
APPROVED

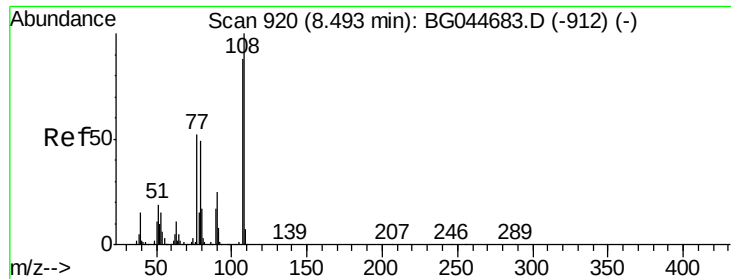
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 8.421 ng
RT: 8.59 min Scan# 937
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	32.1
79	12.0	0.0	29.9





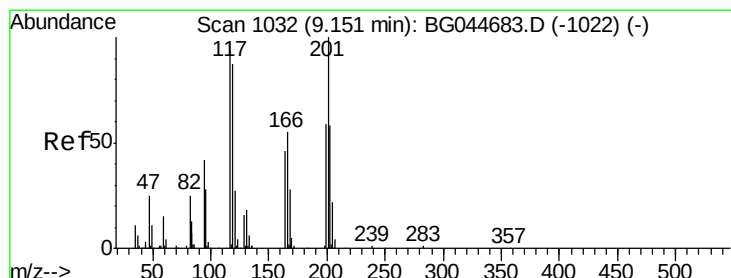
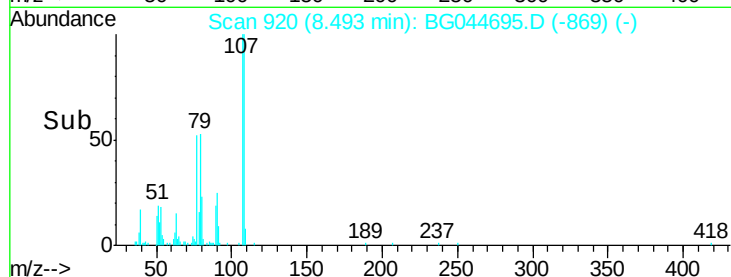
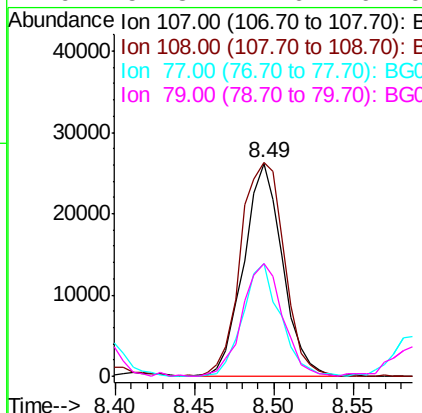
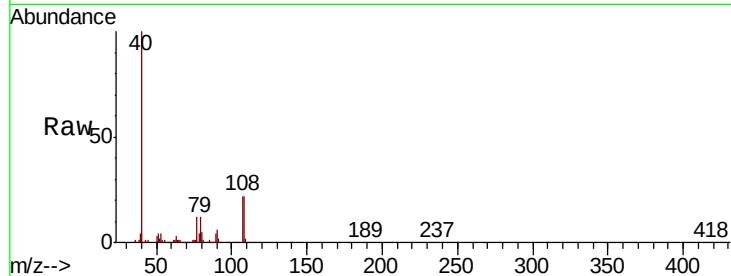
#17
2-Methylphenol
Concen: 8.636 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
107	100		
108	100.4	90.5	135.7
77	52.7	47.3	70.9
79	52.8	44.6	67.0

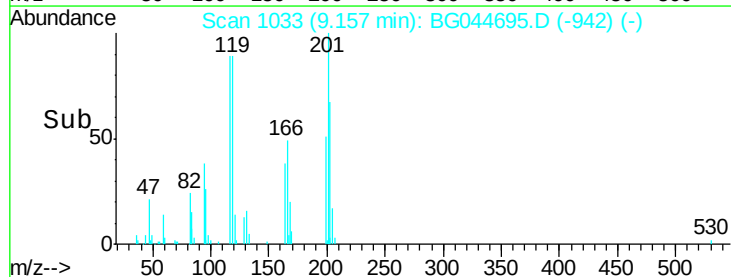
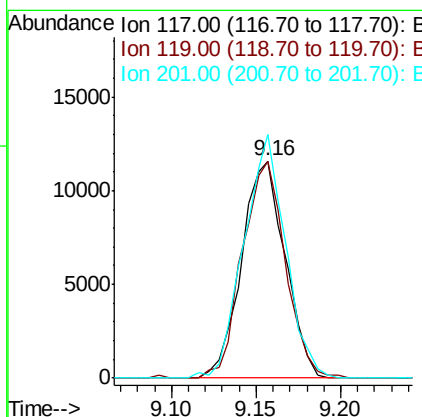
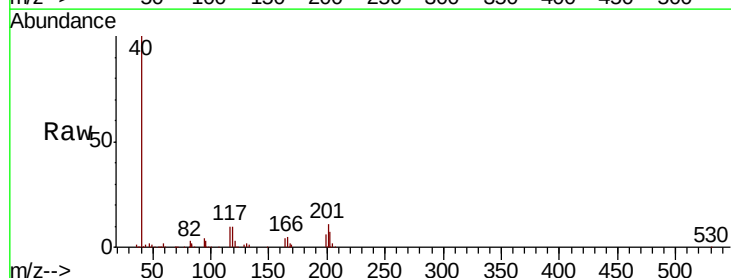
Manual Integrations
APPROVED

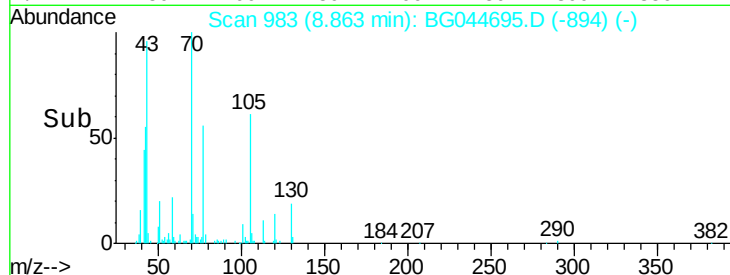
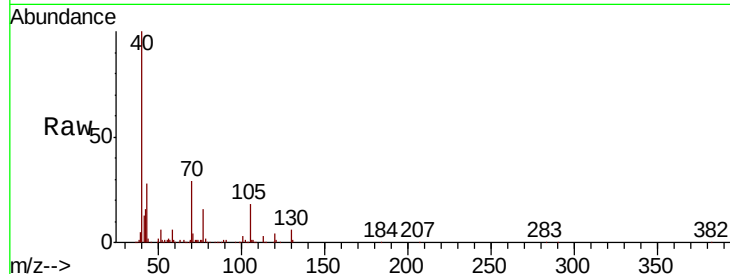
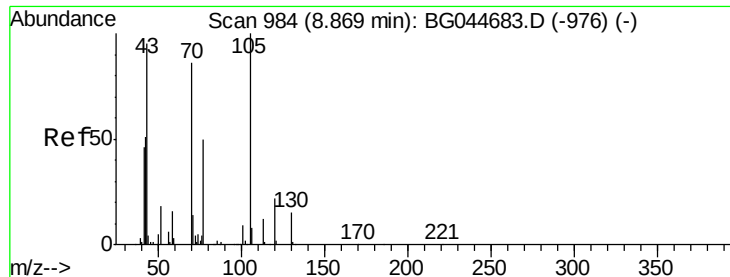
mohammad
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#18
Hexachloroethane
Concen: 8.472 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	74.5	111.7
201	112.3	85.5	128.3





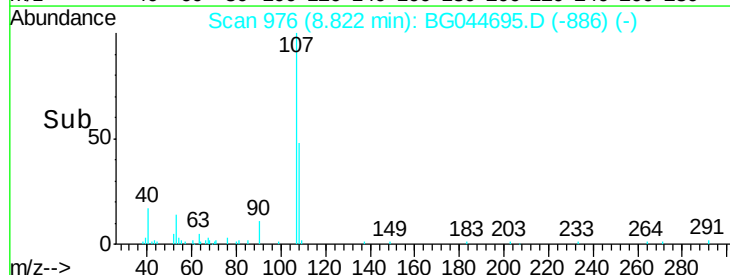
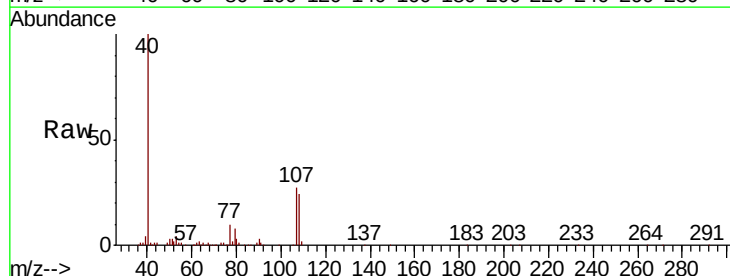
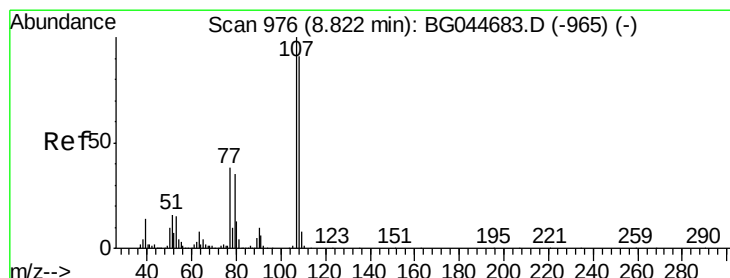
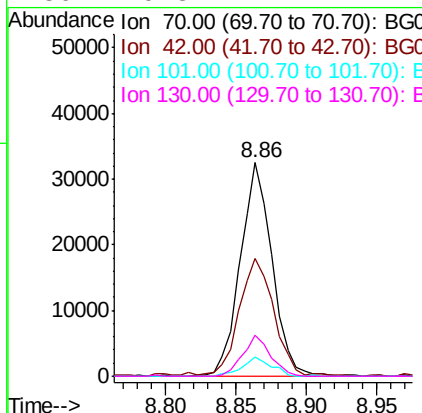
#19
n-Nitroso-di-n-propylamine
Concen: 8.959 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.9	48.9	73.3
101	8.8	8.0	12.0
130	19.3	14.1	21.1

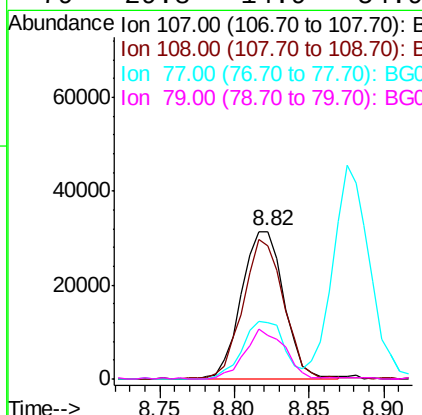
Manual Integrations
APPROVED

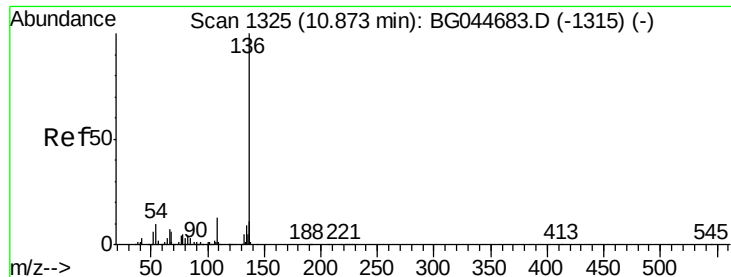
mohammad
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#20
3+4-Methylphenols
Concen: 8.633 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.8	110.8
77	38.1	17.8	57.8
79	29.8	14.9	54.9





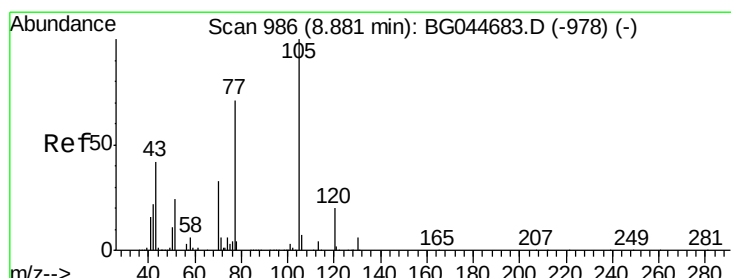
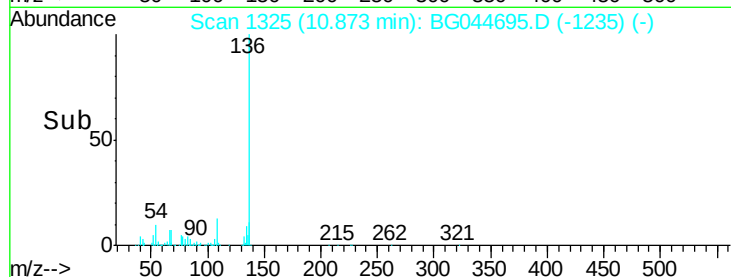
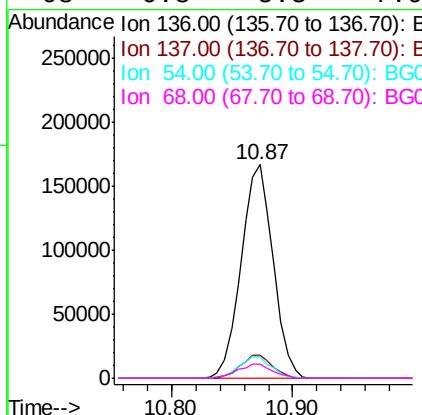
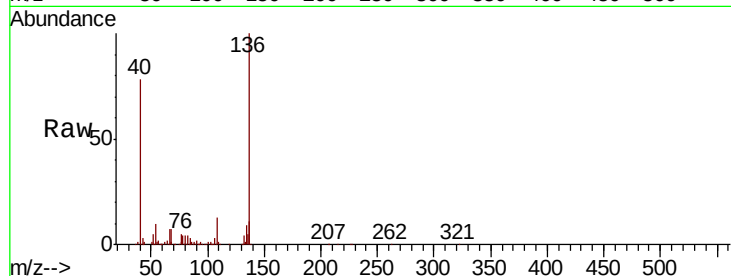
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	306008		
137	10.7		8.6	12.8
54	10.3		8.2	12.4
68	6.8		5.3	7.9

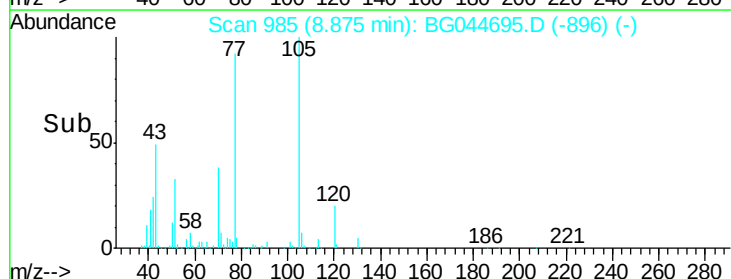
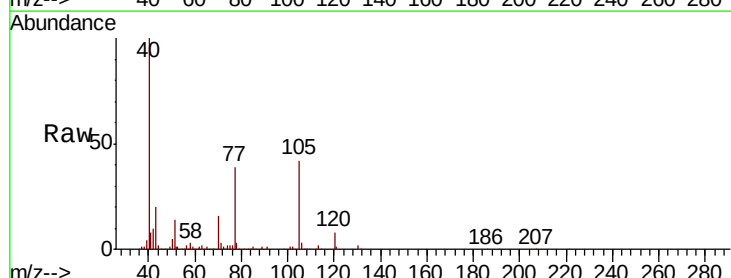
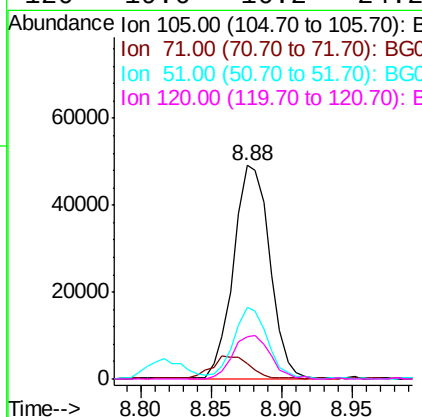
Manual Integrations
APPROVED

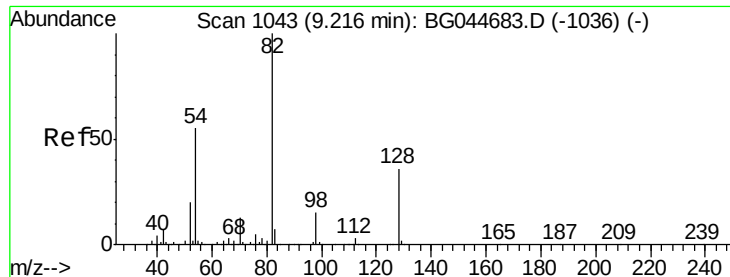
mohammad
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#22
Acetophenone
Concen: 9.937 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	88766		
71	7.3		4.8	7.2#
51	33.3		24.0	36.0
120	19.6		16.2	24.2





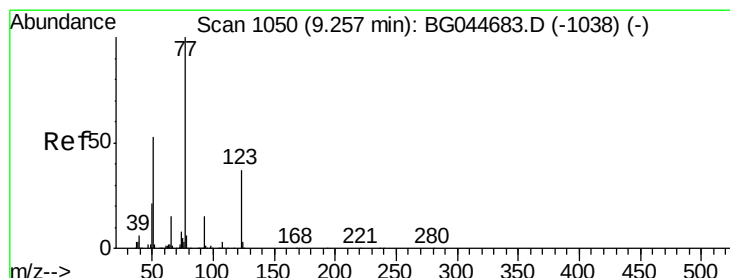
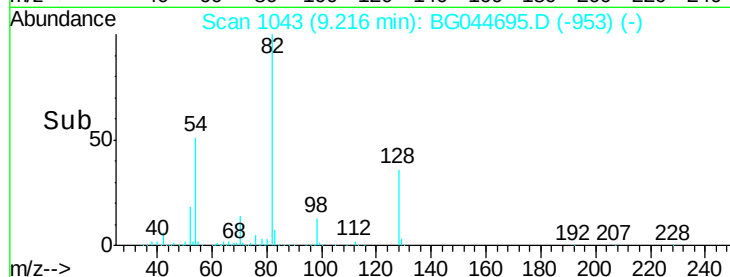
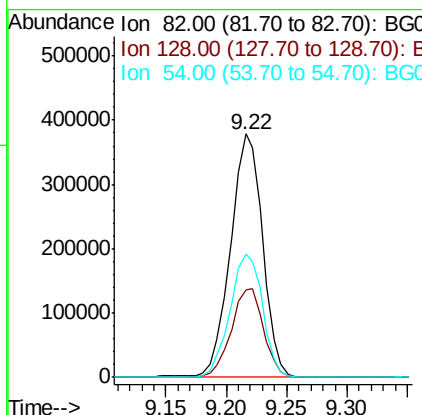
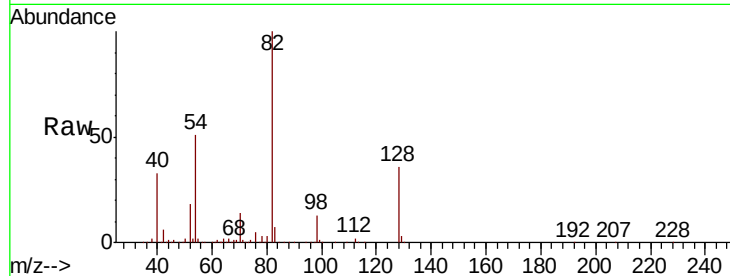
#23
 Nitrobenzene-d5
 Concen: 103.994 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.5	42.7
54	50.8	43.6	65.4

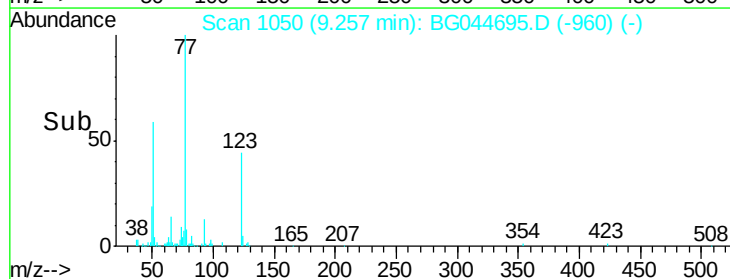
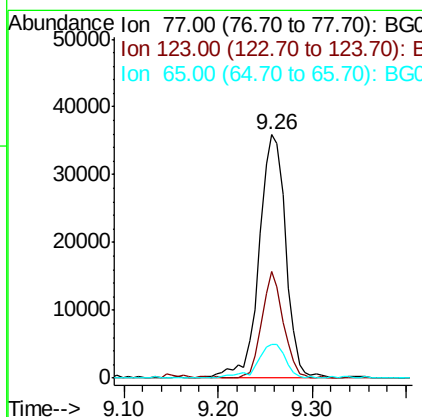
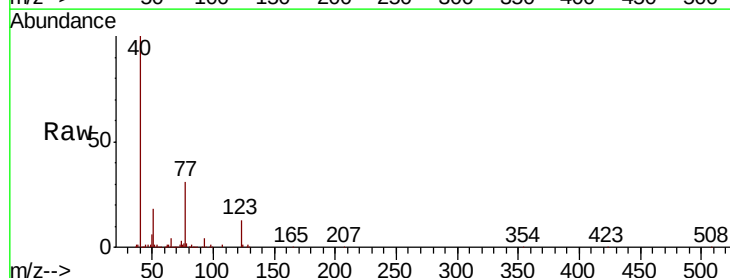
Manual Integrations
 APPROVED

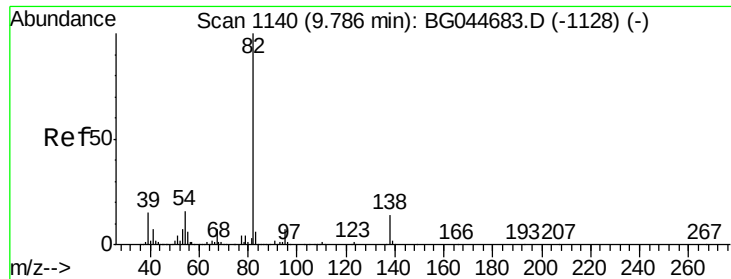
mohammad
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#24
 Nitrobenzene
 Concen: 9.843 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	29.7	44.5
65	13.6	11.7	17.5





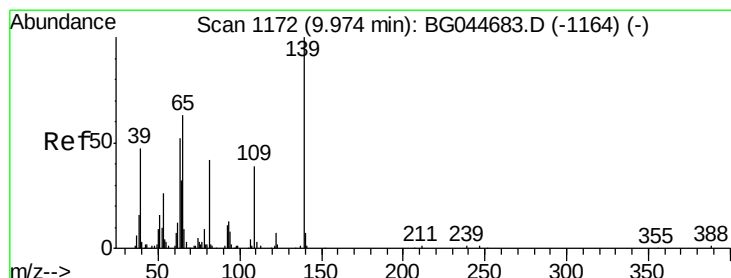
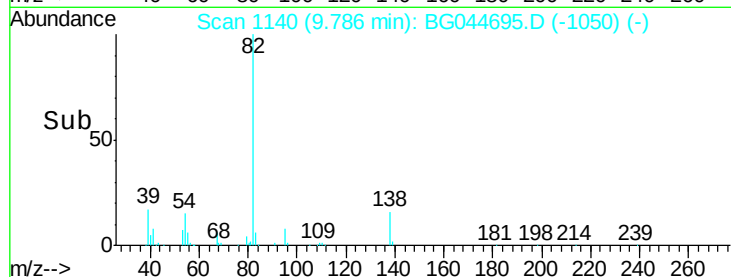
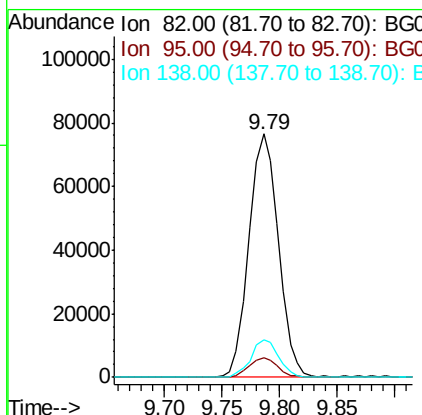
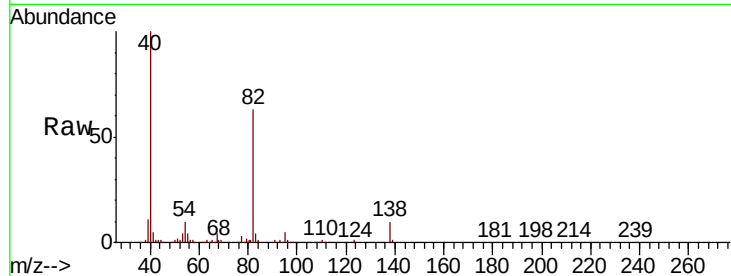
#25
Isophorone
Concen: 9.206 ng
RT: 9.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.0	9.0
138	15.2	11.2	16.8

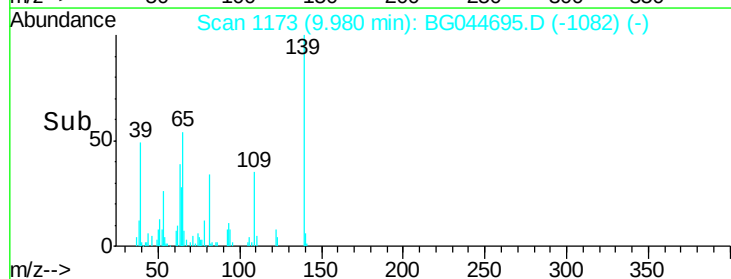
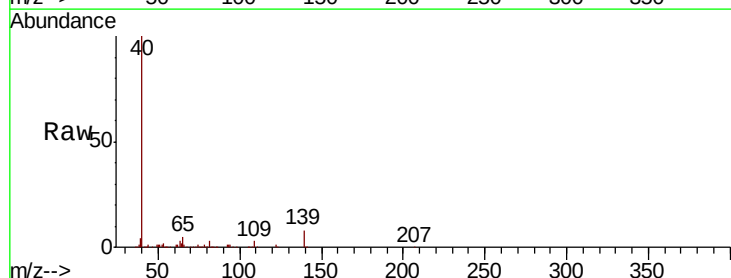
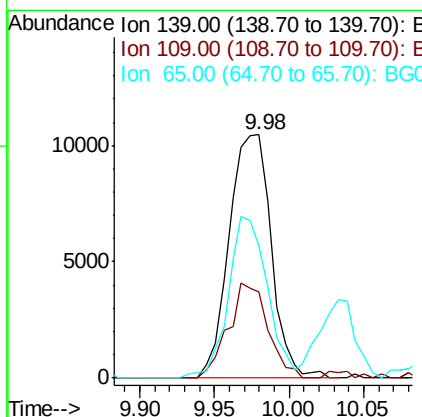
Manual Integrations
APPROVED

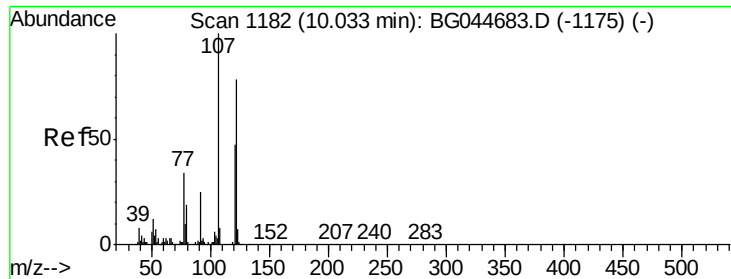
mohammad
3/9/2020 3:07:51 PM



#26
2-Nitrophenol
Concen: 8.818 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	35.5	31.1	46.7
65	54.1	50.2	75.4





#27

2,4-Dimethylphenol

Concen: 10.396 ng

RT: 10.03 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BG044695.D

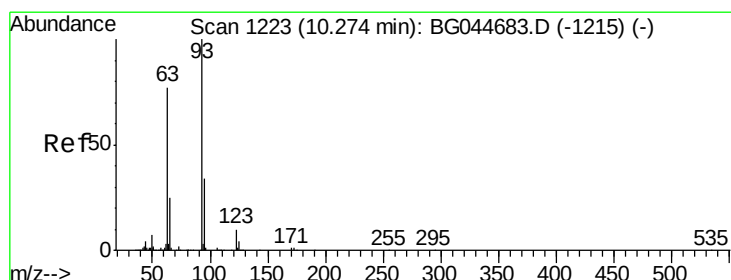
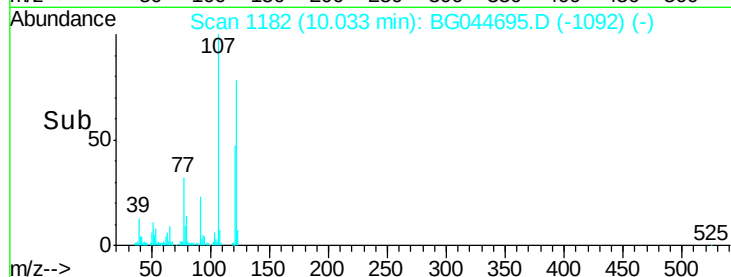
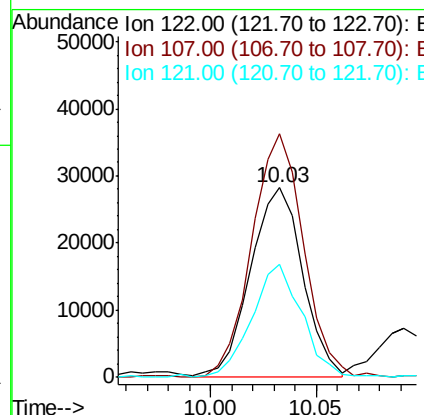
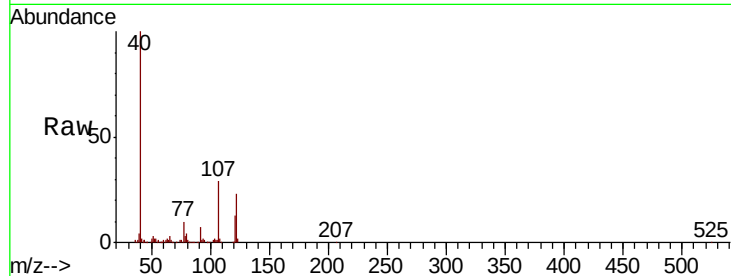
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.4	101.7	152.5
121	59.5	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 8.873 ng

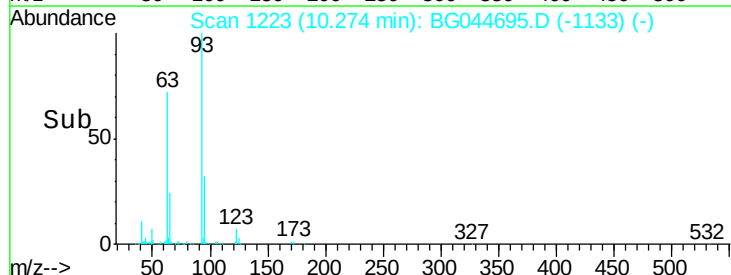
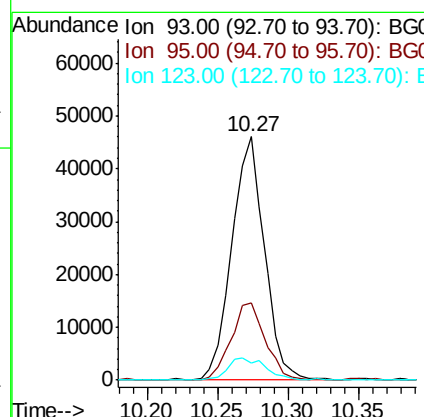
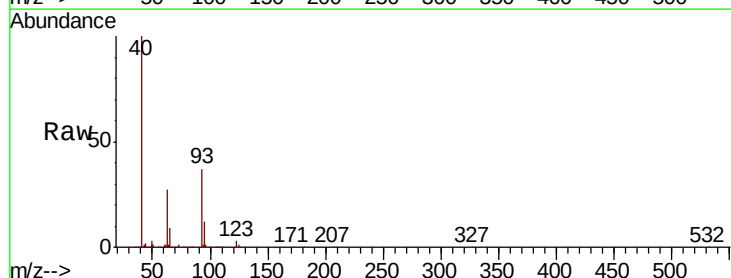
RT: 10.27 min Scan# 1223

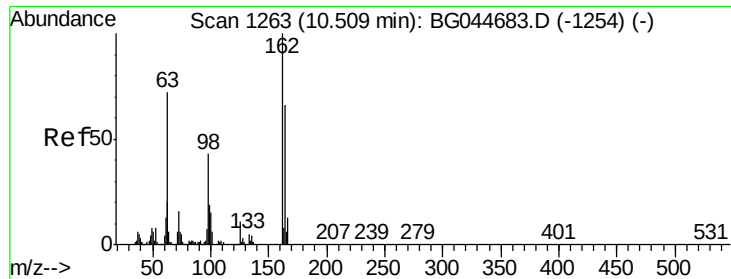
Delta R.T. 0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.0	40.6
123	7.3	8.3	12.5#





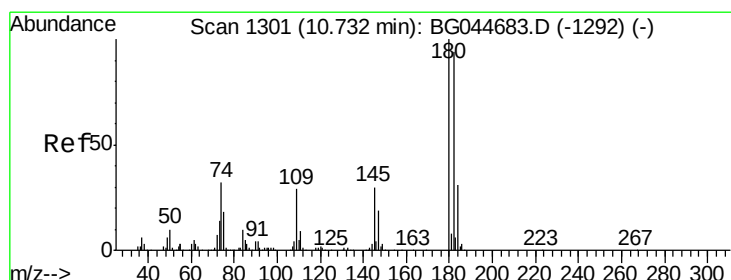
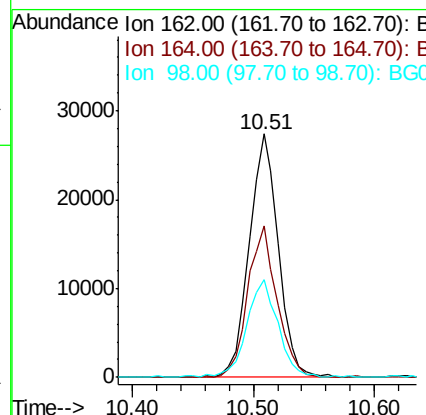
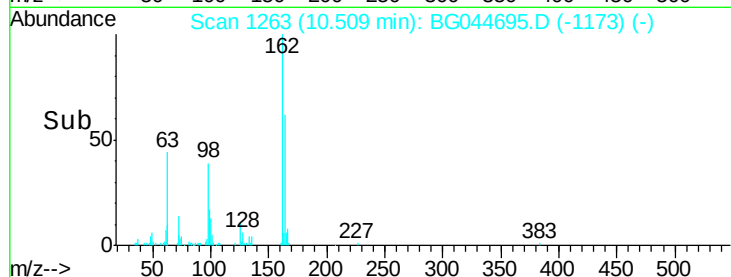
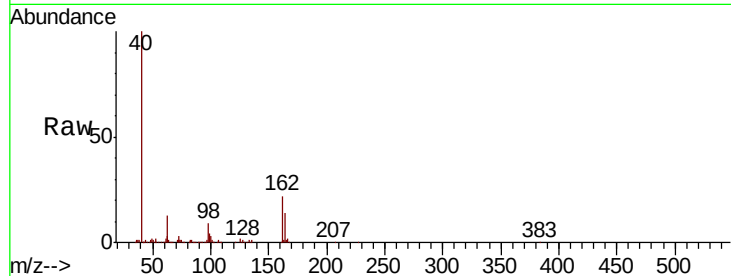
#29
2,4-Dichlorophenol
Concen: 8.720 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	46.1	86.1
98	40.0	22.8	62.8

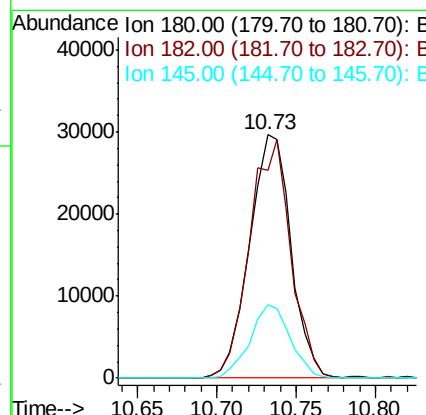
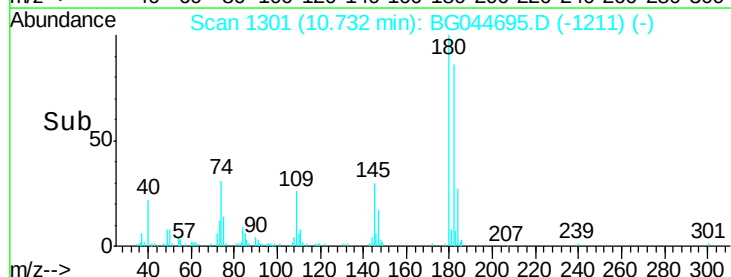
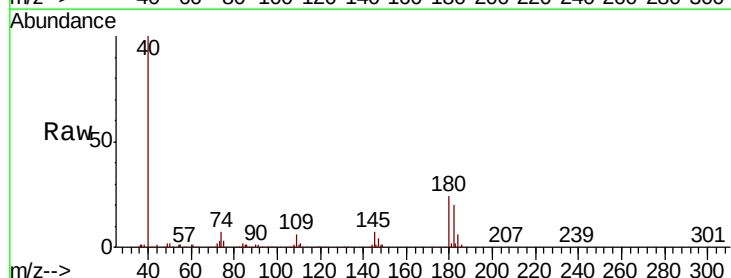
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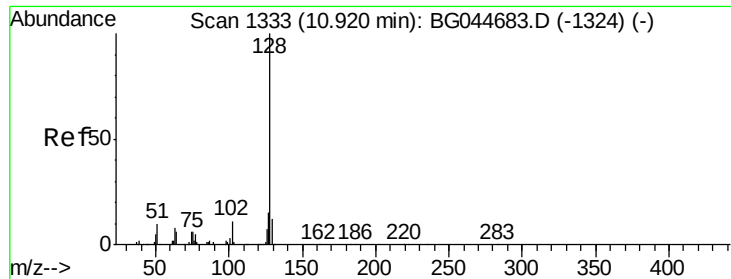
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#30
1,2,4-Trichlorobenzene
Concen: 8.779 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.5	75.1	112.7
145	30.1	23.8	35.8





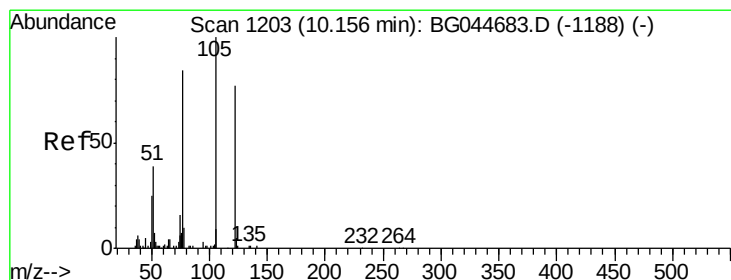
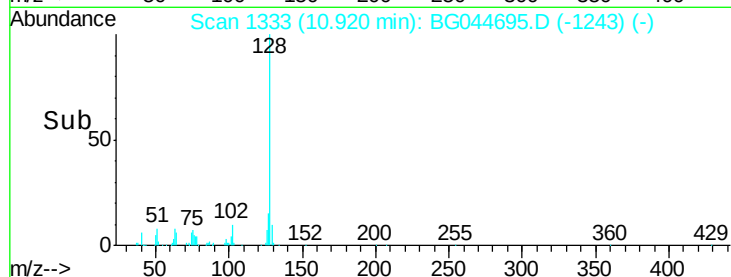
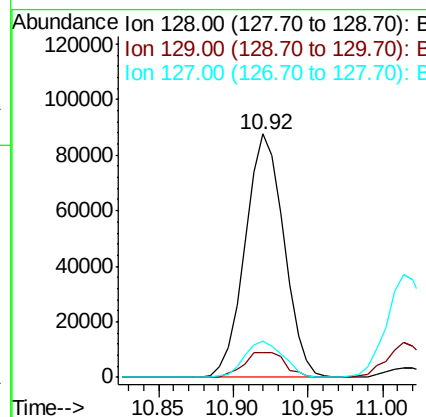
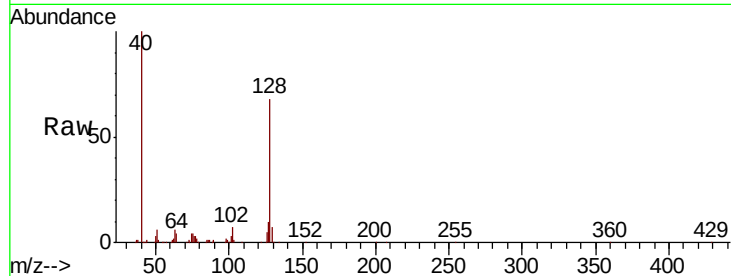
#31
Naphthalene
Concen: 9.165 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.7	14.5
127	14.7	11.6	17.4

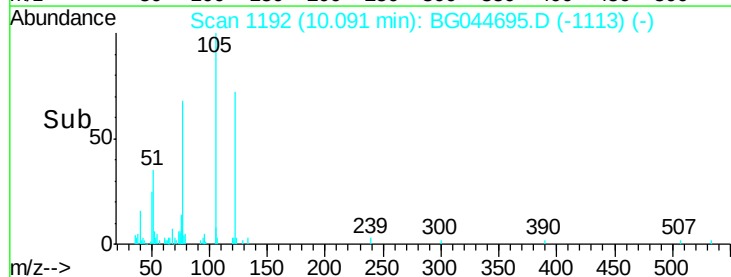
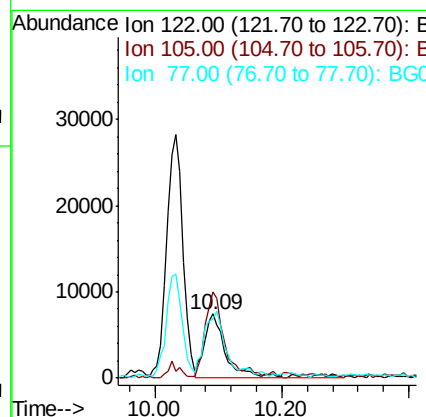
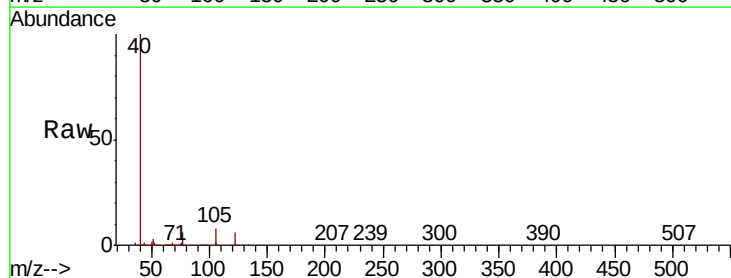
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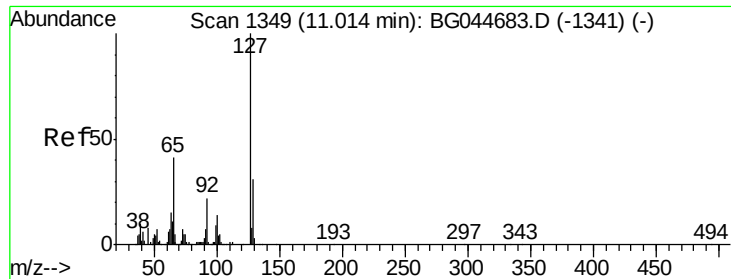
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#32
Benzoic acid
Concen: 5.648 ng m
RT: 10.09 min Scan# 1192
Delta R.T. -0.06 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	105.1	145.1
77	92.6	87.7	127.7





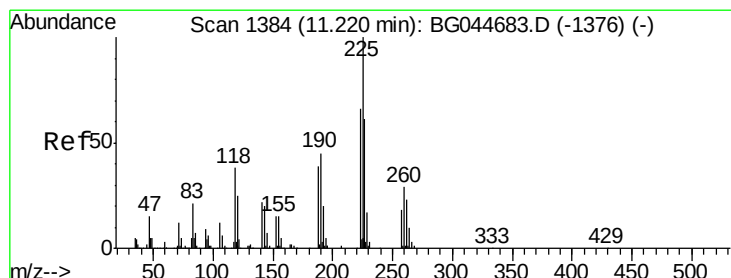
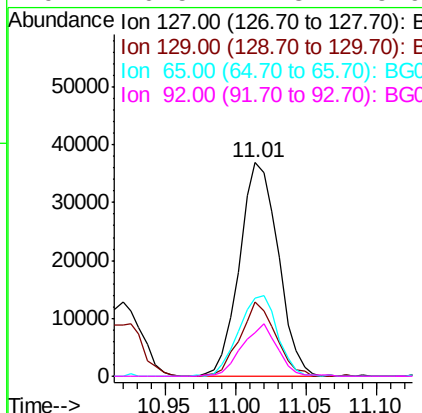
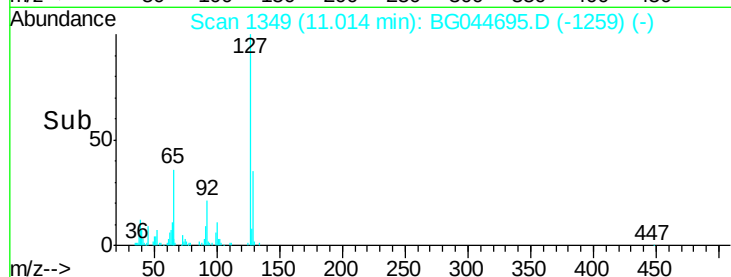
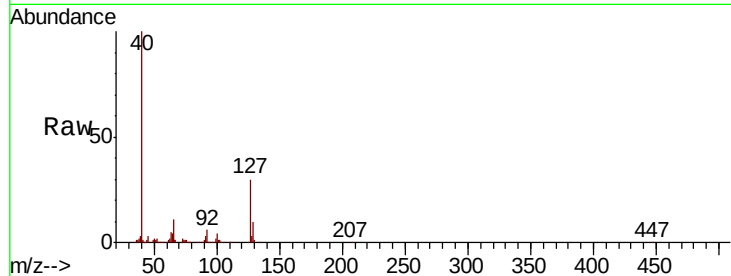
#33
4-Chloroaniline
Concen: 8.969 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion:	127	Resp:	70944
Ion	Ratio	Lower	Upper
127	100		
129	34.7	25.0	37.4
65	36.4	32.7	49.1
92	20.5	17.3	25.9

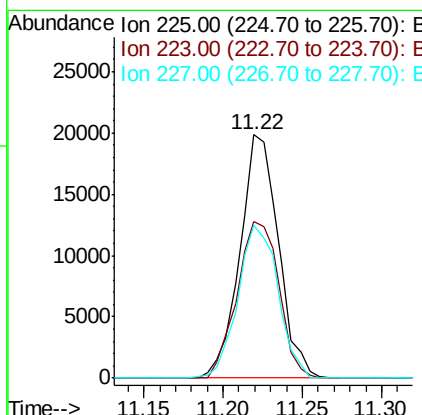
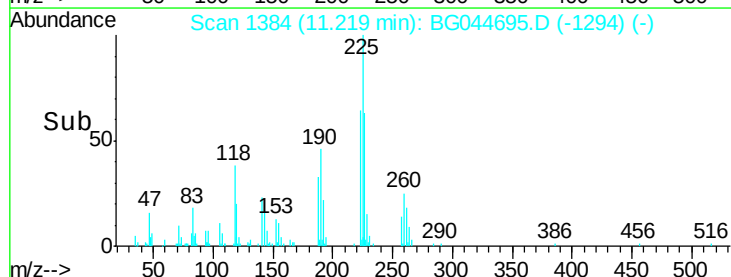
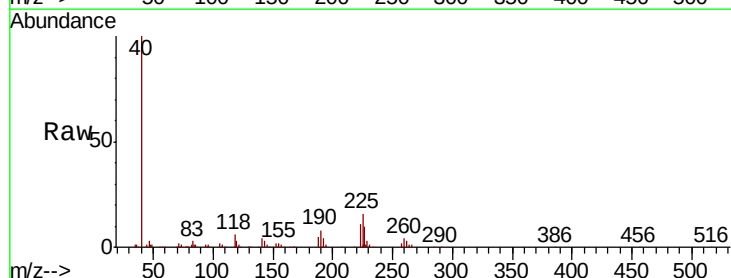
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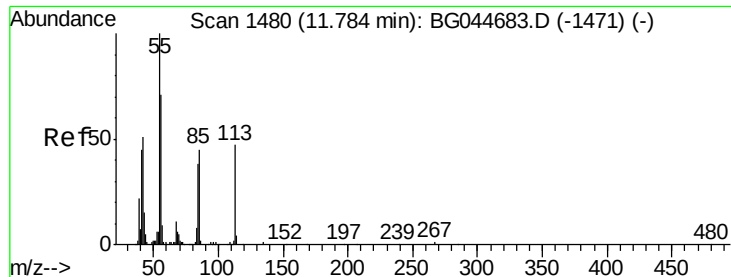
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#34
Hexachlorobutadiene
Concen: 7.970 ng
RT: 11.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion:	225	Resp:	33467
Ion	Ratio	Lower	Upper
225	100		
223	64.4	52.4	78.6
227	62.9	48.7	73.1





#35

Caprolactam

Concen: 9.427 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

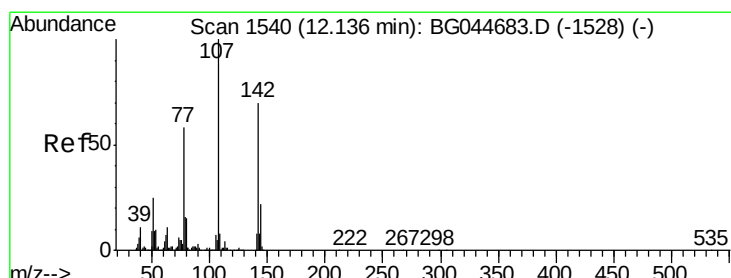
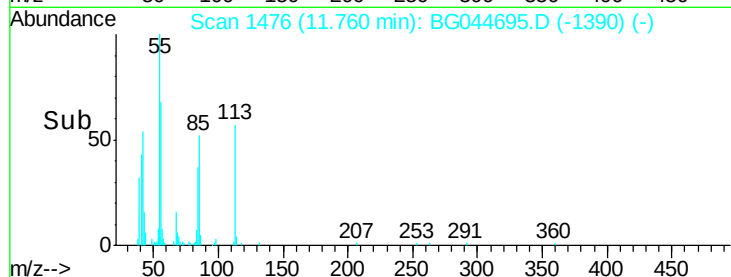
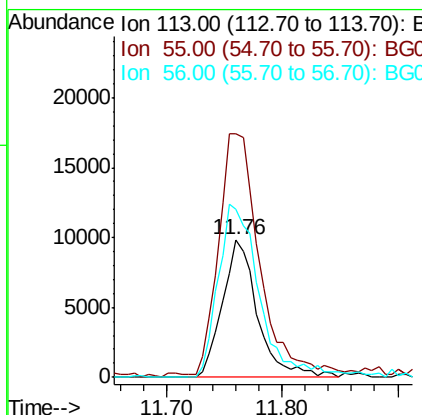
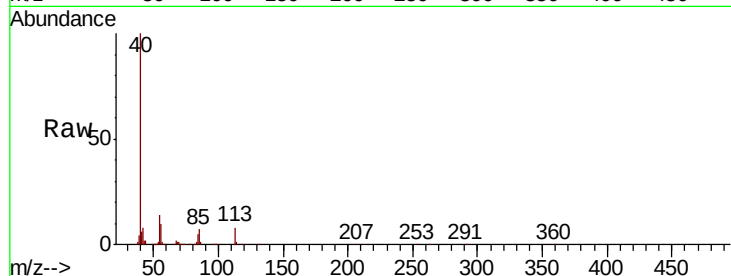
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	113	Resp:	20821
Ion Ratio	Lower	Upper	
113	100		
55	176.7	194.3	234.3#
56	121.6	131.4	171.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 8.880 ng

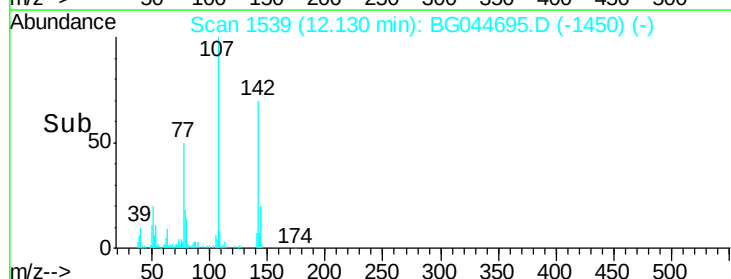
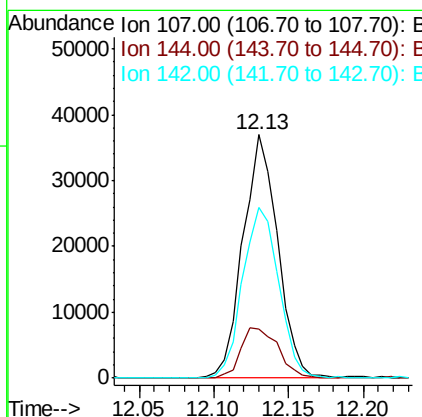
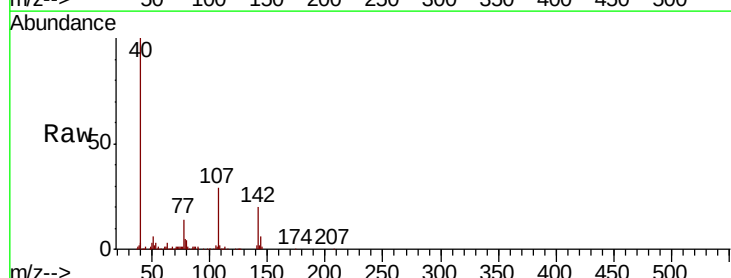
RT: 12.13 min Scan# 1539

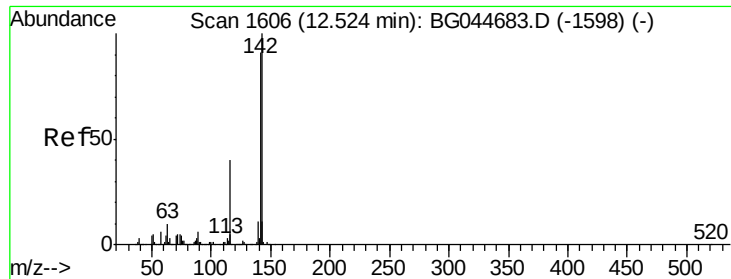
Delta R.T. -0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion:	107	Resp:	59499
Ion Ratio	Lower	Upper	
107	100		
144	20.1	17.9	26.9
142	69.9	55.8	83.8





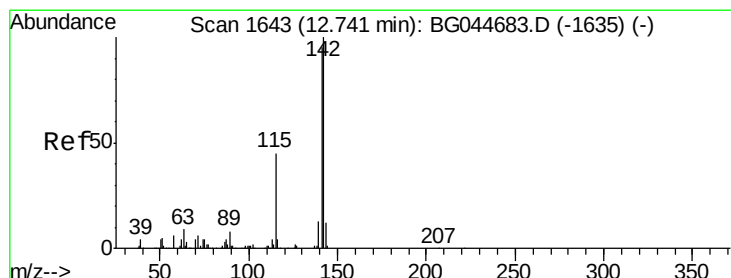
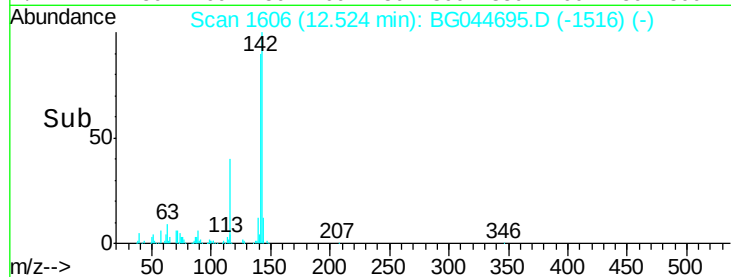
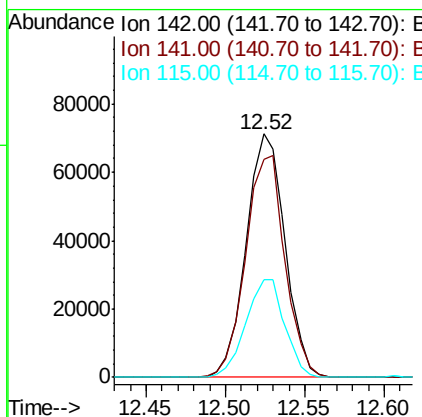
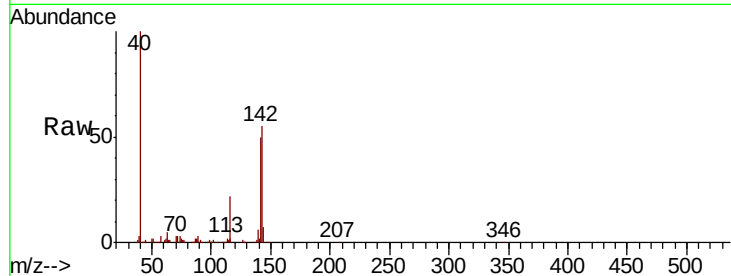
#37
 2-Methylnaphthalene
 Concen: 9.367 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.9	109.3
115	39.9	32.3	48.5

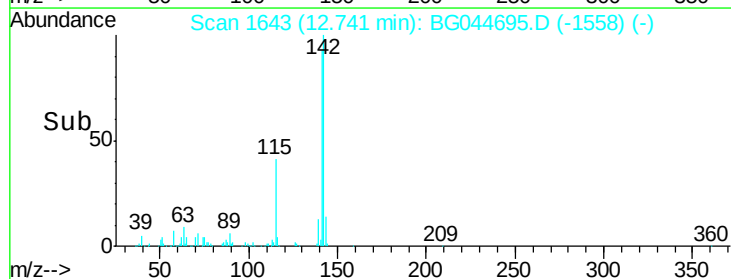
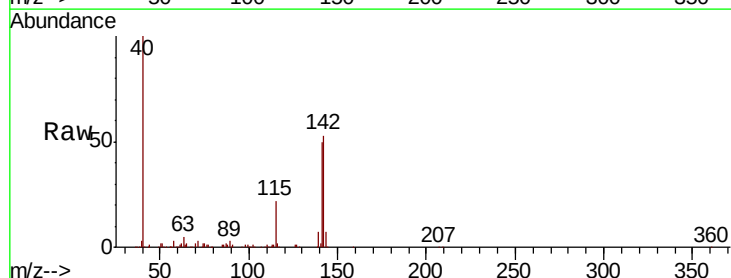
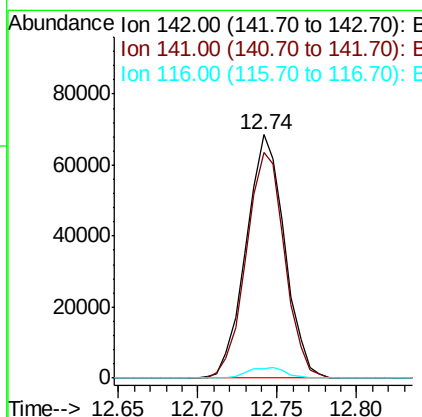
Manual Integrations
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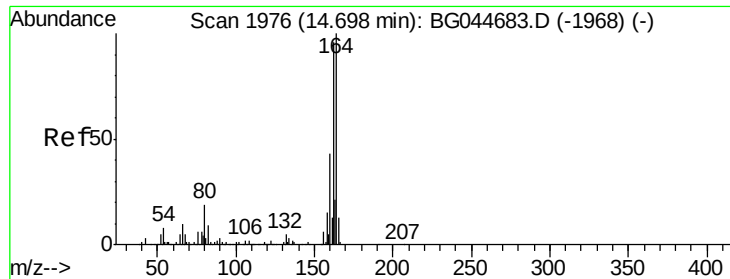
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#38
 1-Methylnaphthalene
 Concen: 9.419 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	76.2	114.2
116	4.0	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

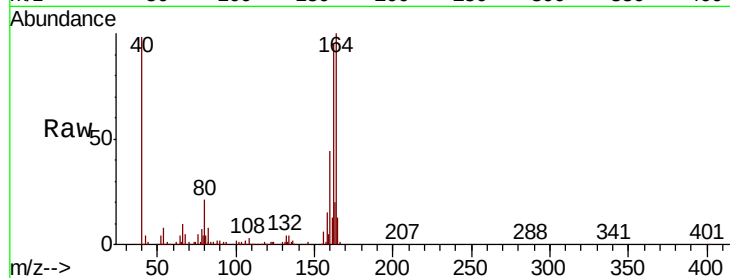
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	164	Resp:	216978
Ion Ratio	Lower	Upper	
164	100		
162	95.2	76.5	114.7
160	44.3	34.8	52.2

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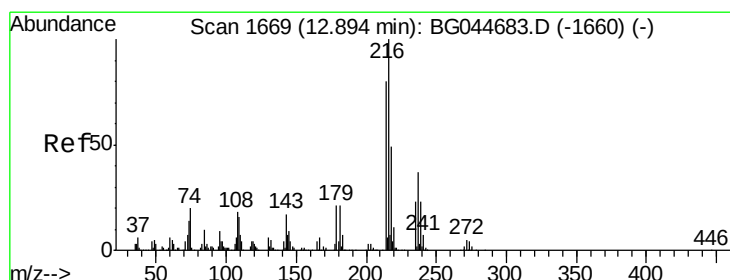
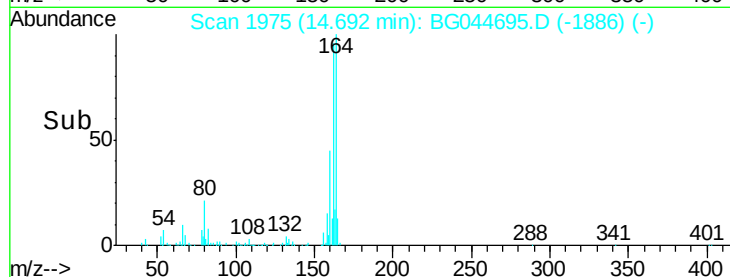
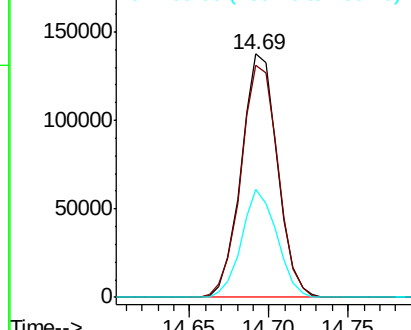


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.192 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion:	216	Resp:	64745
Ion Ratio	Lower	Upper	
216	100		
214	79.0	64.5	96.7
179	21.6	16.7	25.1
108	20.0	15.8	23.6

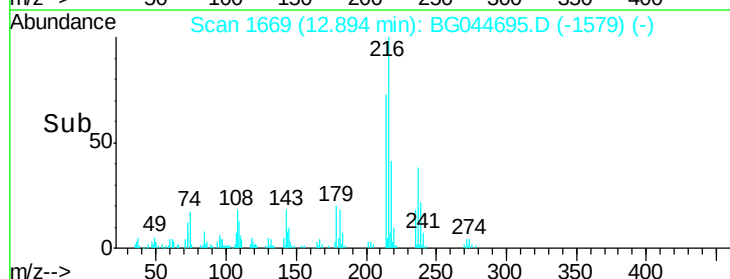
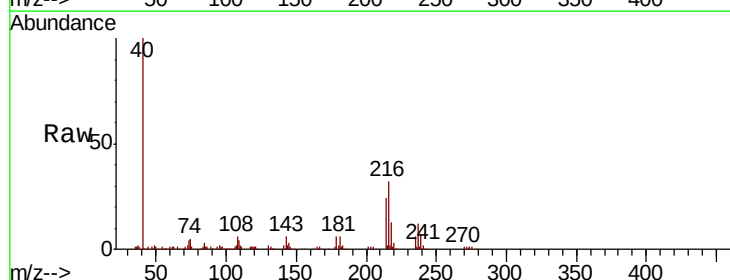
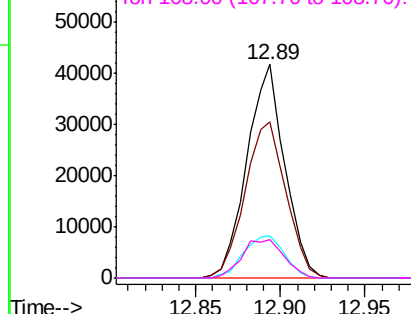
Abundance

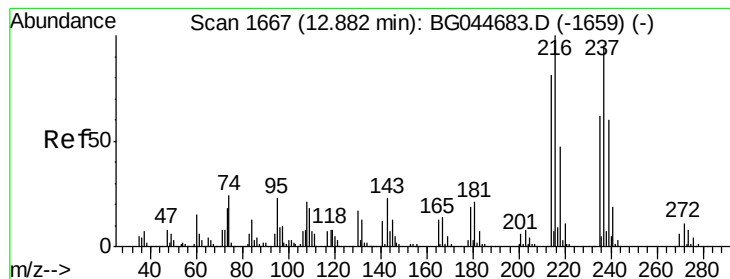
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 10.204 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

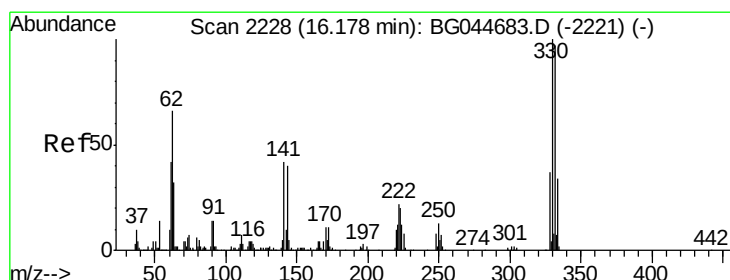
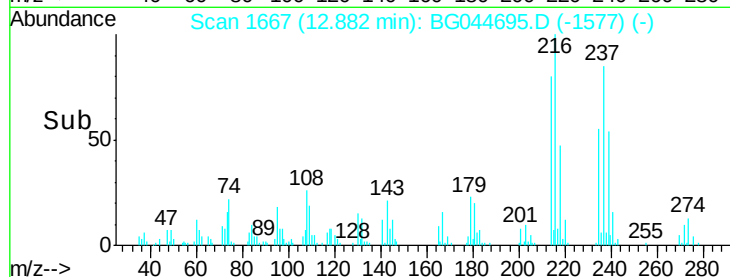
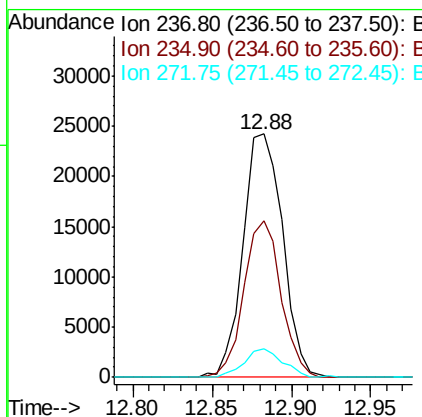
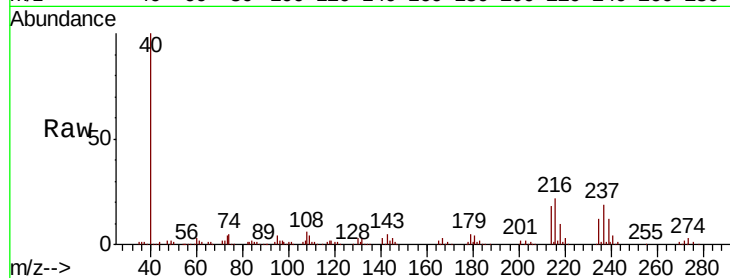
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	237	Resp:	42031
Ion Ratio	Lower	Upper	
237	100		
235	64.1	44.7	84.7
272	11.7	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 143.075 ng

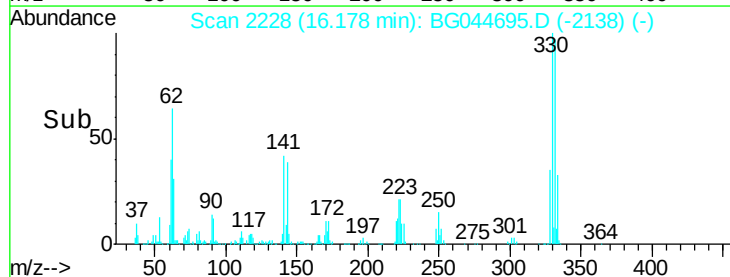
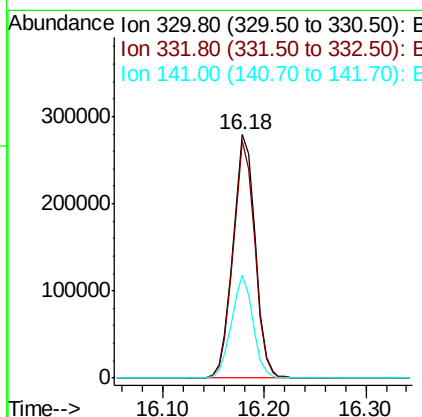
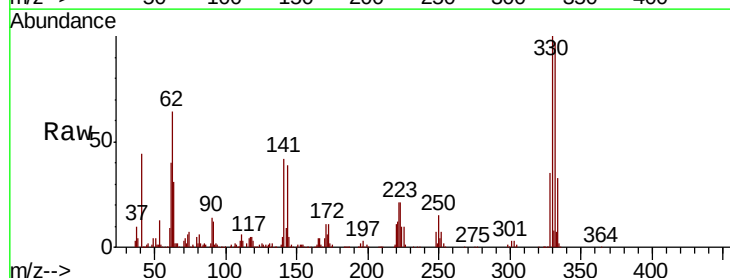
RT: 16.18 min Scan# 2228

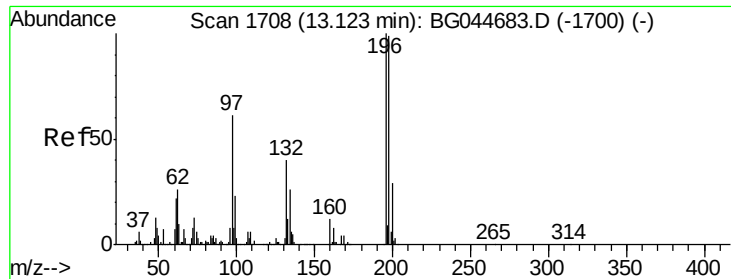
Delta R.T. -0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion:	330	Resp:	426441
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.0	115.6
141	40.8	32.4	48.6





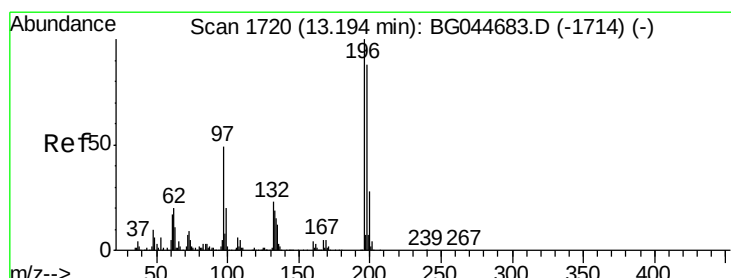
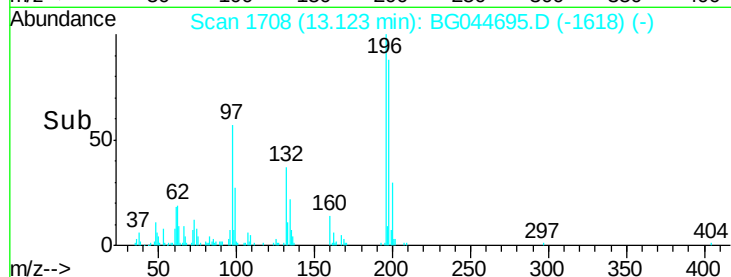
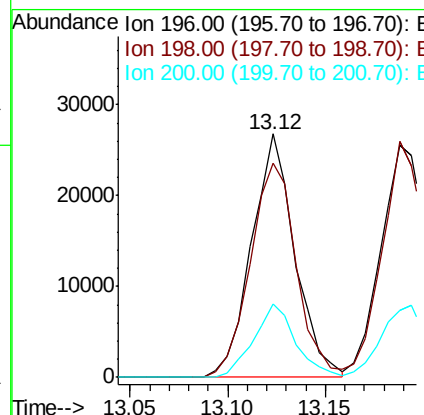
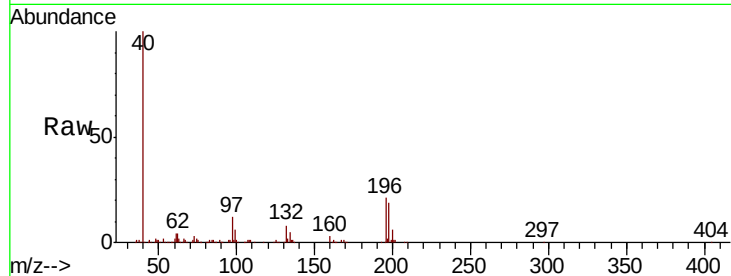
#43
2,4,6-Trichlorophenol
Concen: 8.397 ng
RT: 13.12 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	88.1	79.3	118.9
200	30.0	23.0	34.6

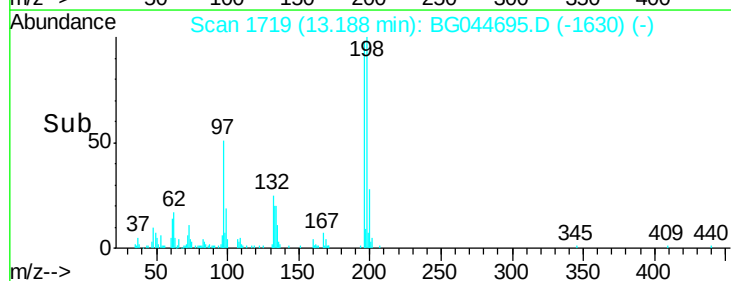
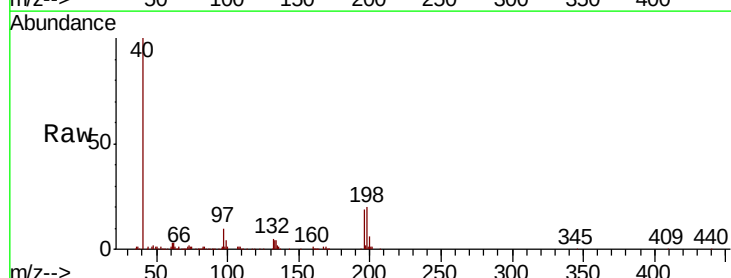
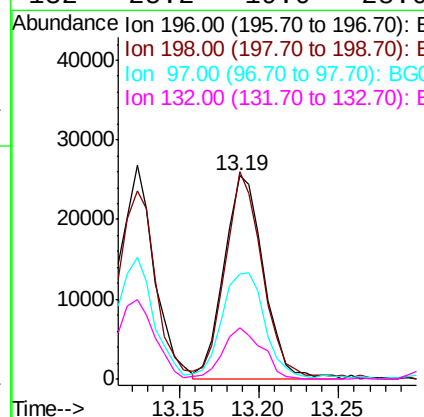
Manual Integrations
APPROVED

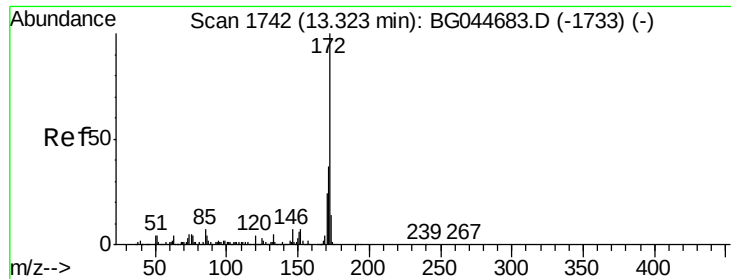
mohammad
3/9/2020 3:07:51 PM



#44
2,4,5-Trichlorophenol
Concen: 8.818 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.9	70.7	106.1
97	52.0	39.4	59.2
132	25.2	19.0	28.6





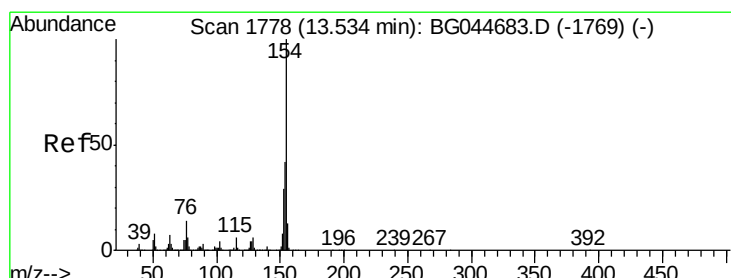
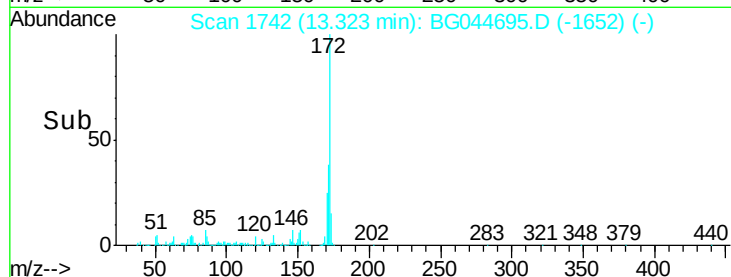
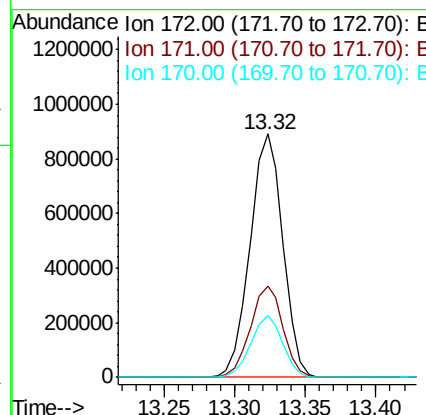
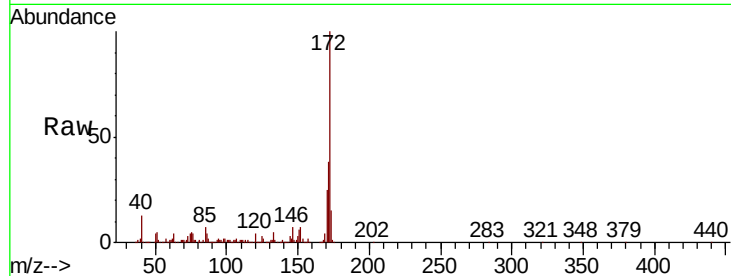
#45
2-Fluorobiphenyl
Concen: 93.124 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.8
170	25.2	19.3	28.9

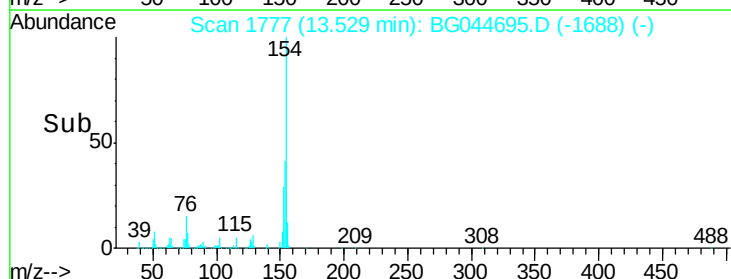
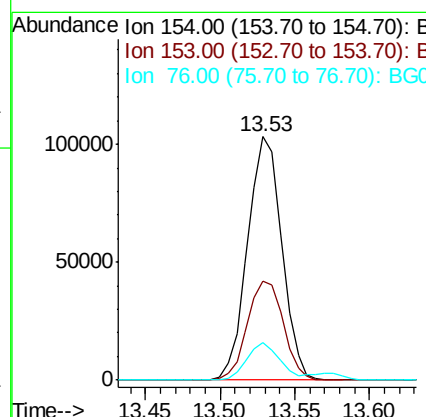
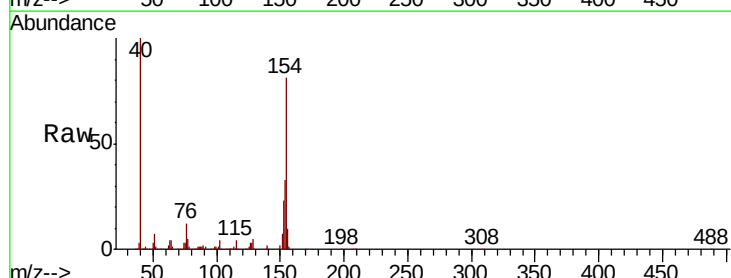
Manual Integrations
APPROVED

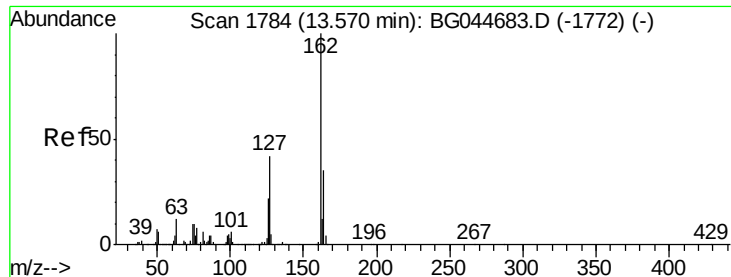
mohammad
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#46
1,1'-Biphenyl
Concen: 9.458 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.1	62.1
76	15.4	0.0	34.5





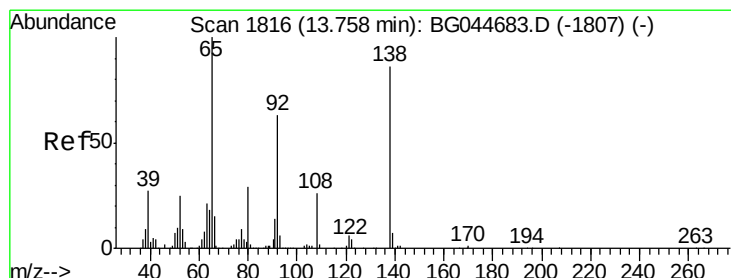
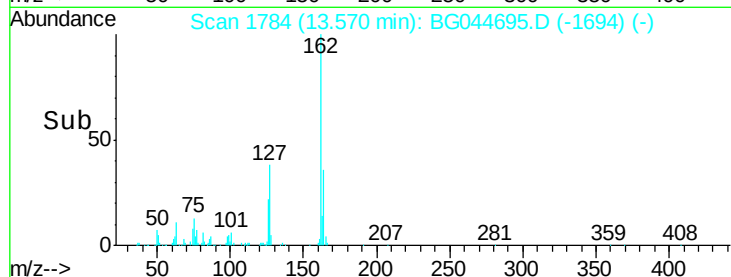
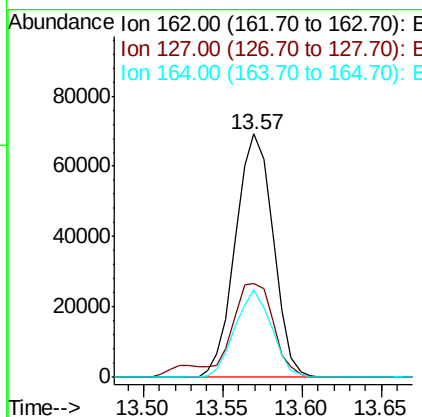
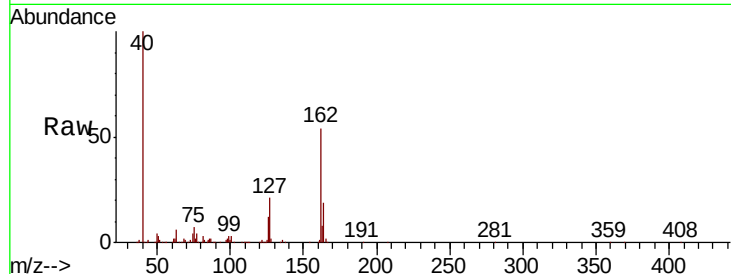
#47
2-Chloronaphthalene
Concen: 8.714 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.9	50.9
164	35.9	28.3	42.5

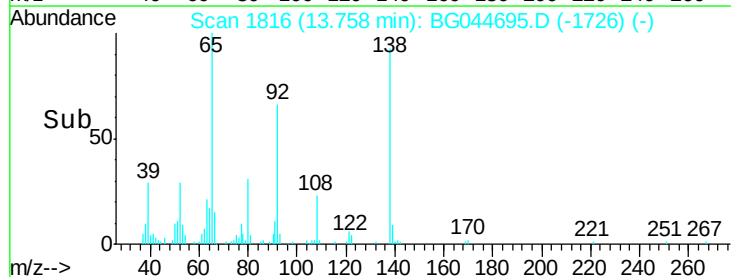
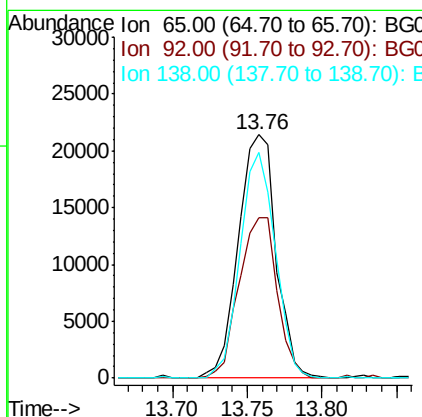
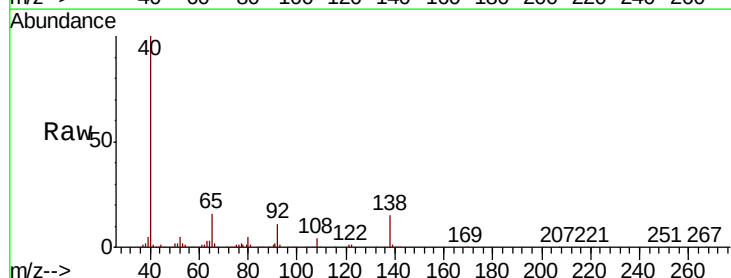
Manual Integrations
APPROVED

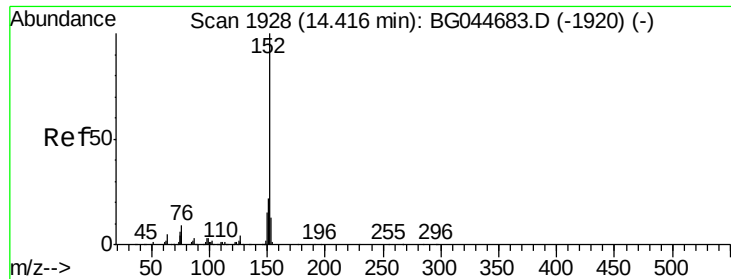
mohammad
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#48
2-Nitroaniline
Concen: 8.445 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	50.6	75.8
138	92.9	68.8	103.2





#49

Acenaphthylene

Concen: 9.528 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

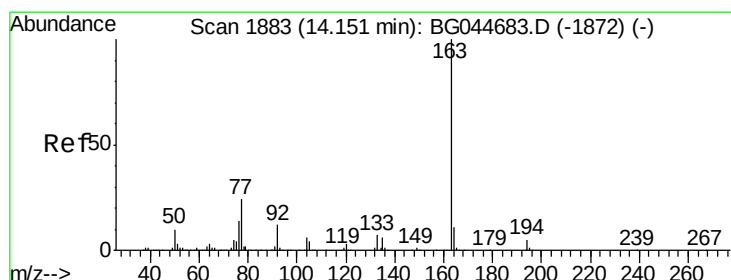
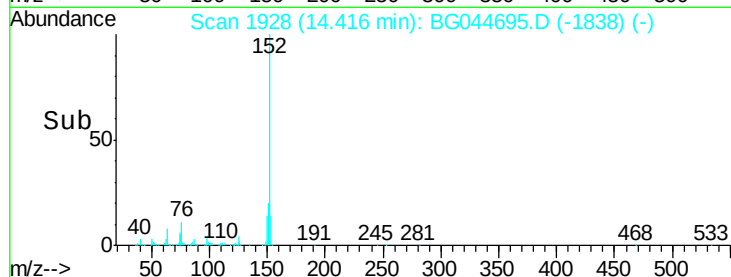
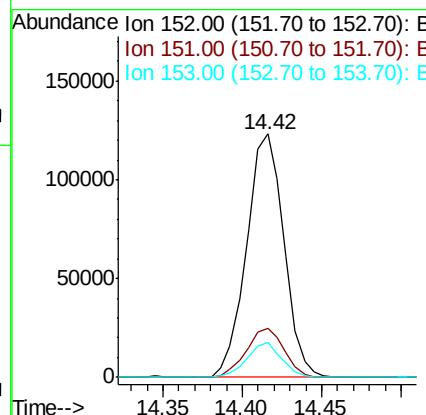
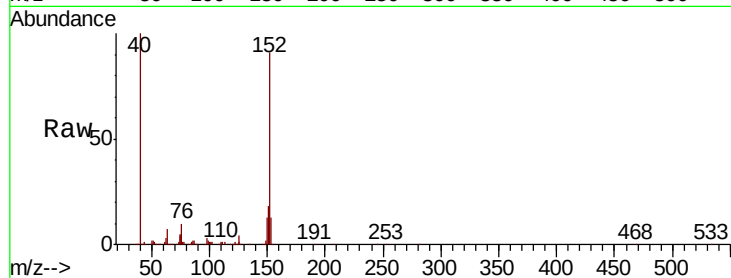
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		200941		
151	20.3	17.6	26.4		
153	14.2	10.7	16.1		

Manual Integrations
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#50

Dimethylphthalate

Concen: 8.940 ng

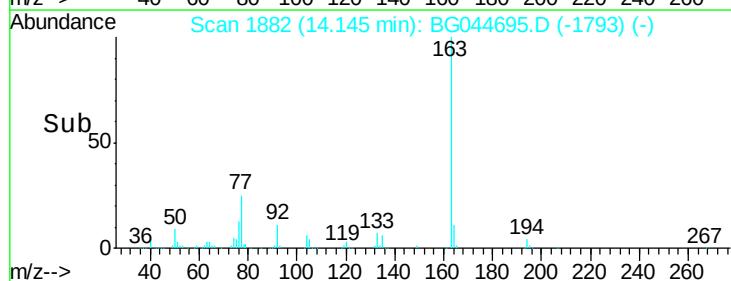
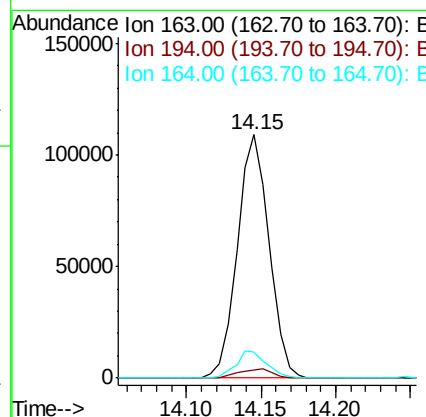
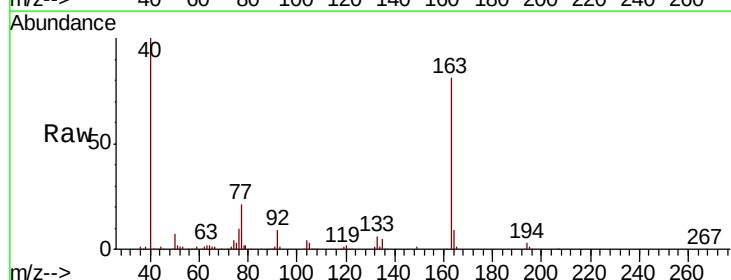
RT: 14.15 min Scan# 1882

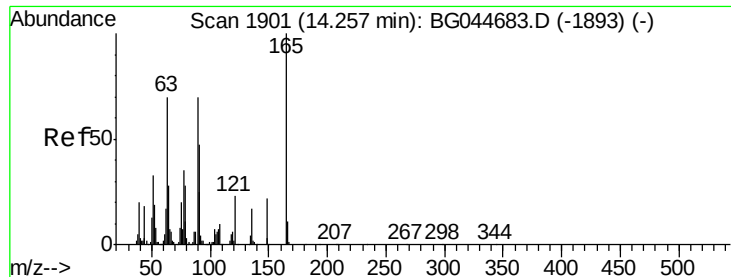
Delta R.T. -0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		161257		
194	3.5	3.7	5.5#		
164	10.9	8.6	12.8		





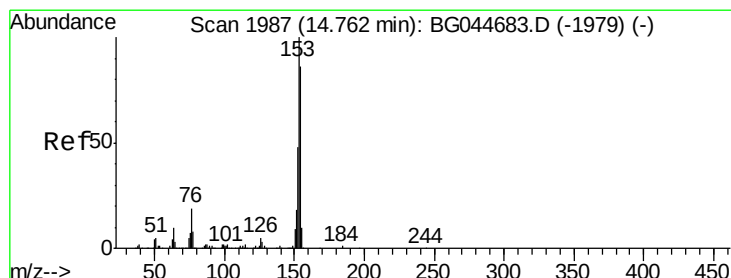
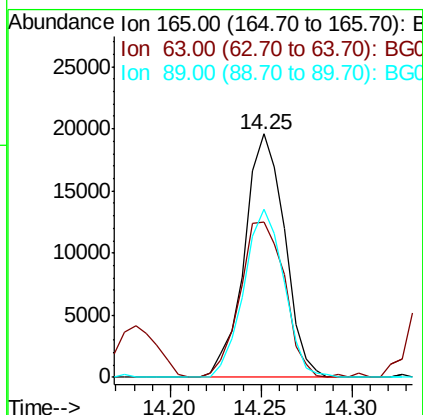
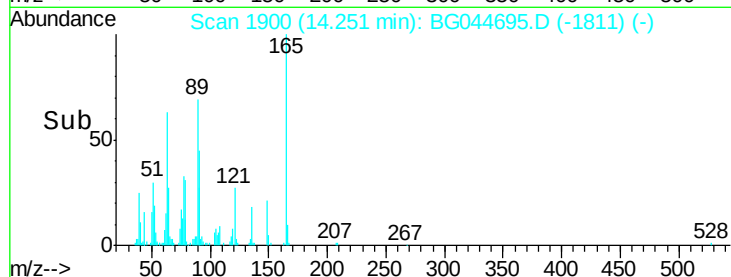
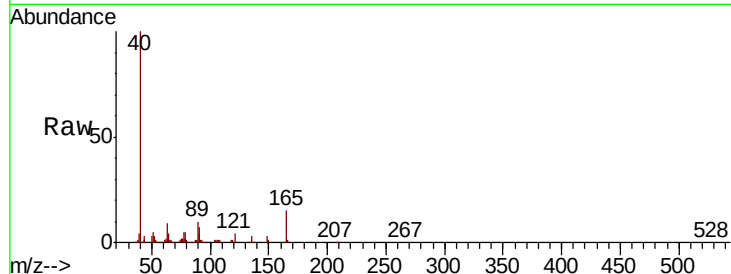
#51
 2,6-Dinitrotoluene
 Concen: 9.296 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.7	57.4	86.0
89	68.8	56.2	84.2

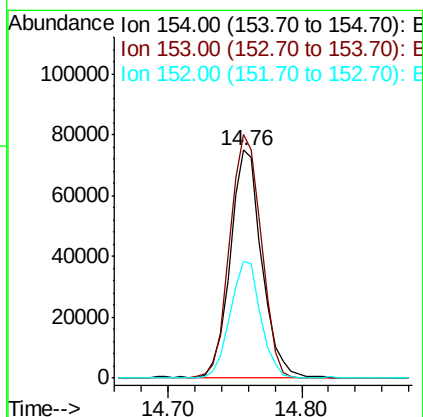
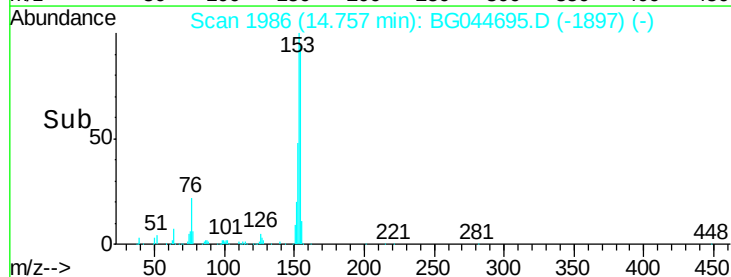
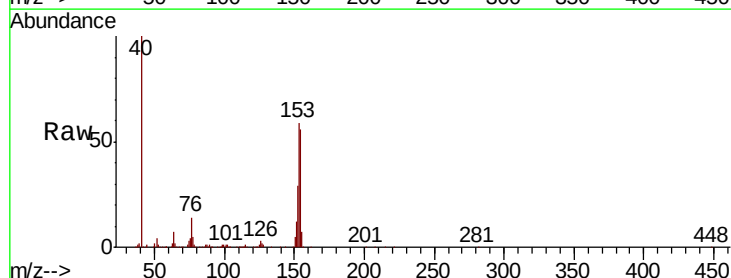
Manual Integrations
 APPROVED

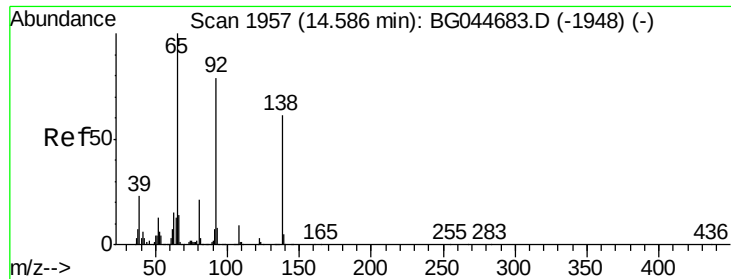
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#52
 Acenaphthene
 Concen: 9.043 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	106.7	92.6	138.8
152	51.3	44.2	66.4





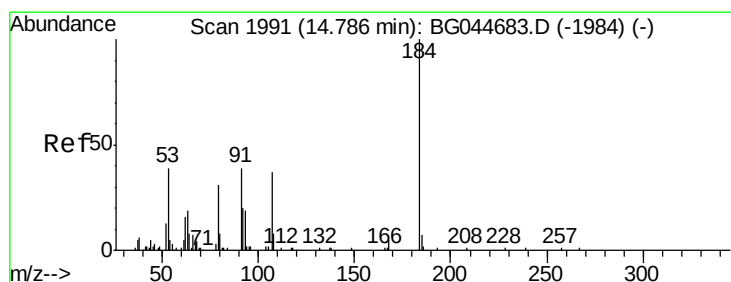
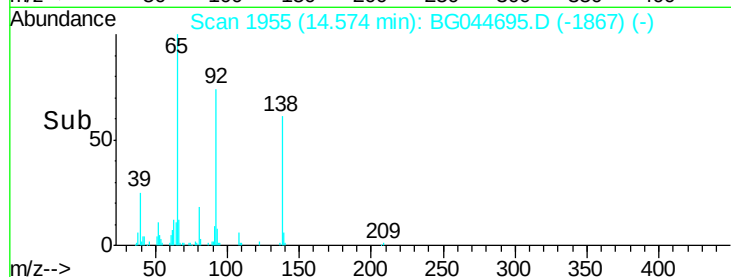
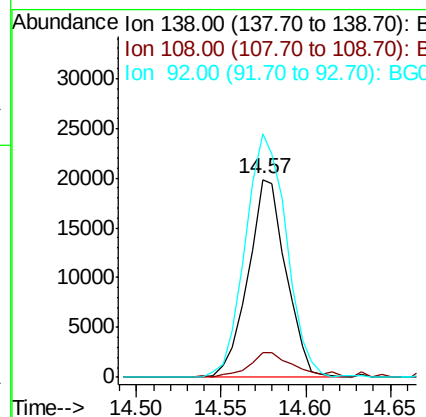
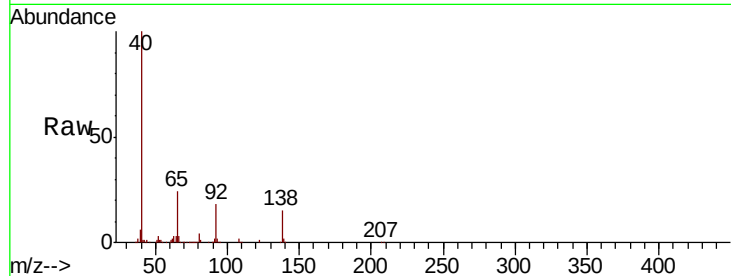
#53
3-Nitroaniline
Concen: 8.318 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	12.2	18.4
92	123.0	105.1	157.7

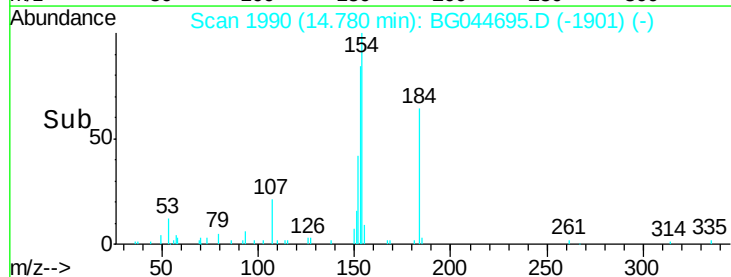
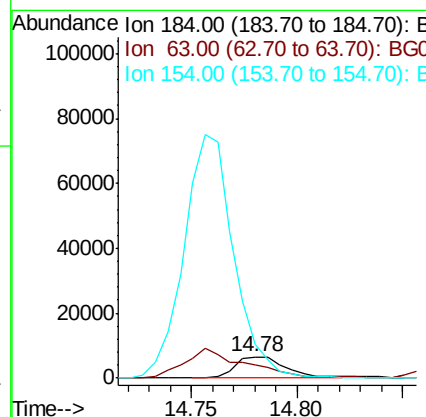
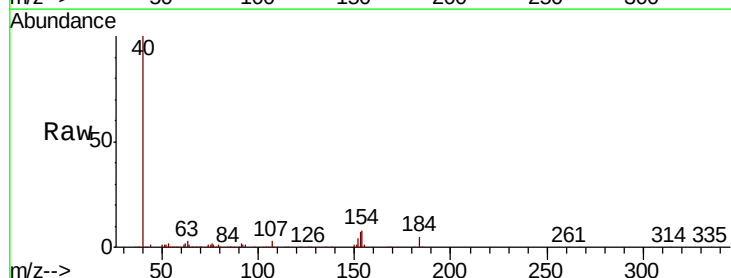
Manual Integrations
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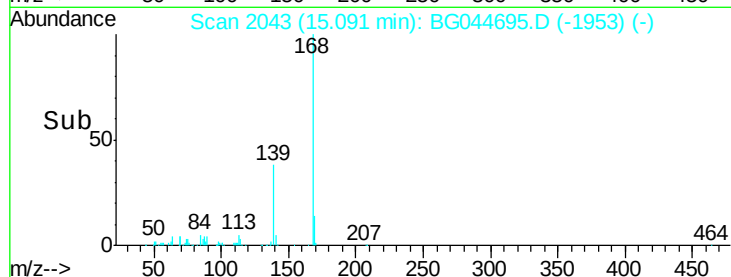
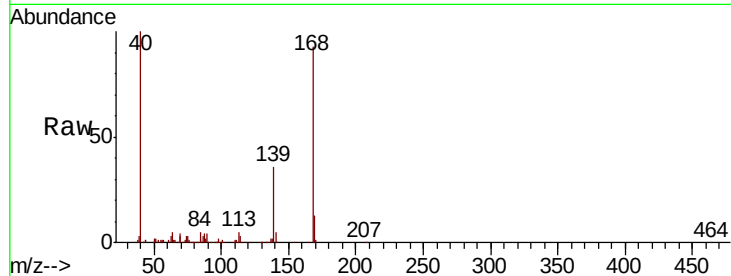
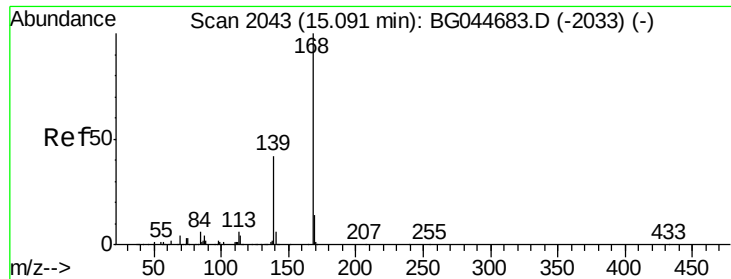
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#54
2,4-Dinitrophenol
Concen: 7.273 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.0	42.4	63.6
154	156.2	75.0	112.4#





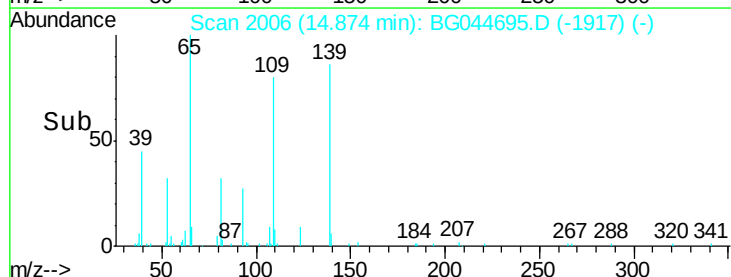
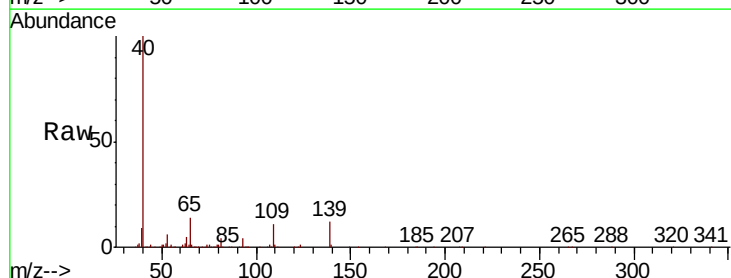
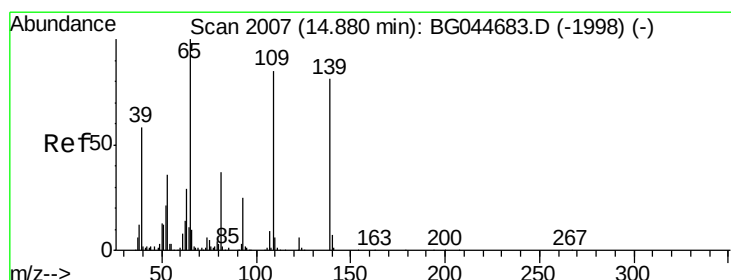
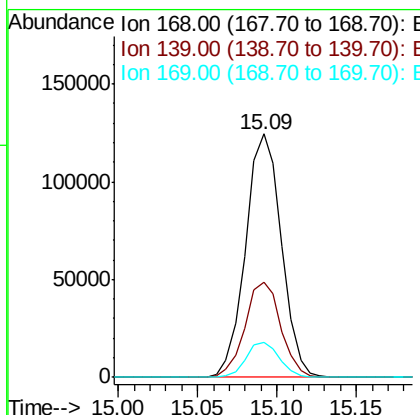
#55
Dibenzofuran
Concen: 9.541 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.8	50.6
169	14.4	11.0	16.4

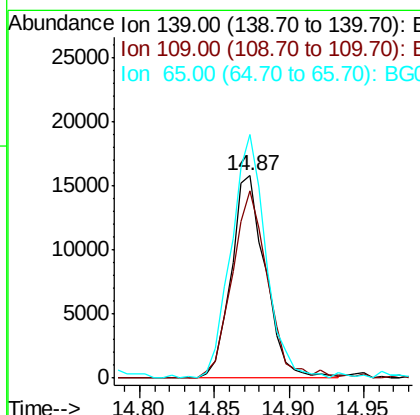
Manual Integrations
APPROVED

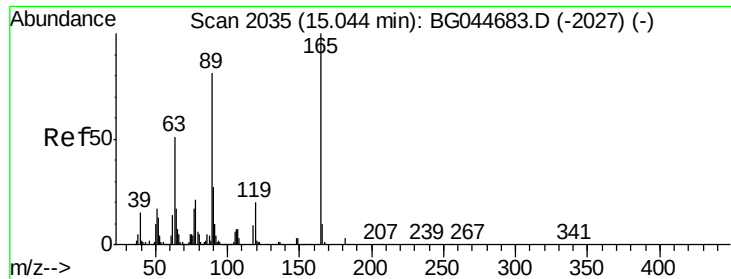
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#56
4-Nitrophenol
Concen: 8.702 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.7	86.0	126.0
65	120.5	104.5	144.5





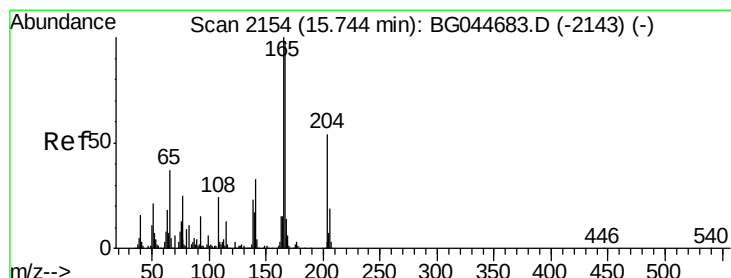
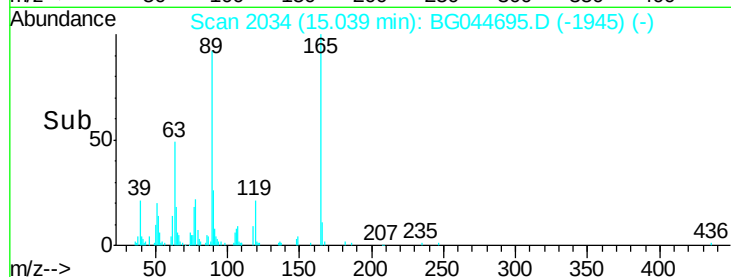
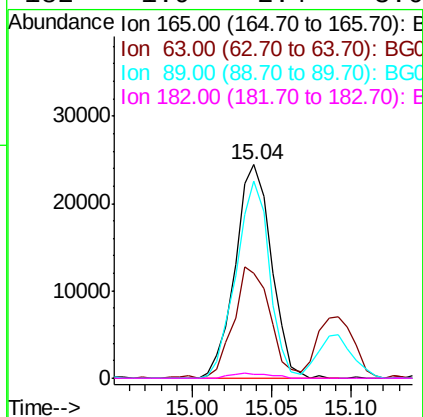
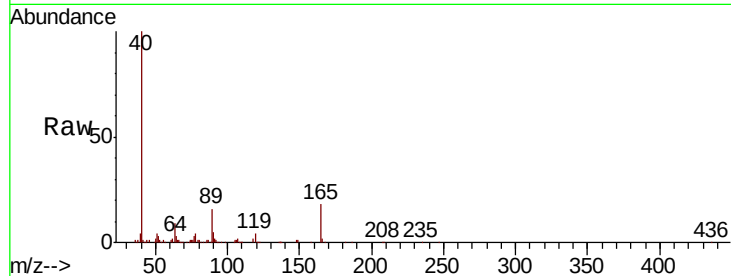
#57
2,4-Dinitrotoluene
Concen: 8.941 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	40.6	61.0
89	92.1	65.0	97.6
182	1.9	2.4	3.6

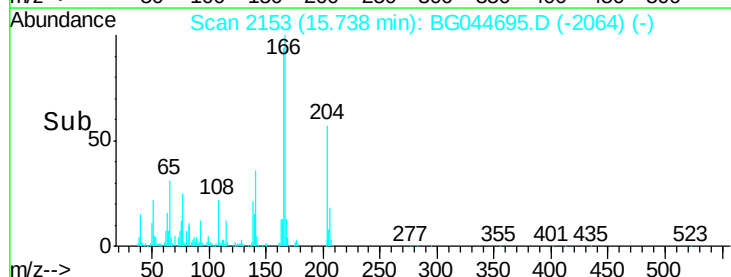
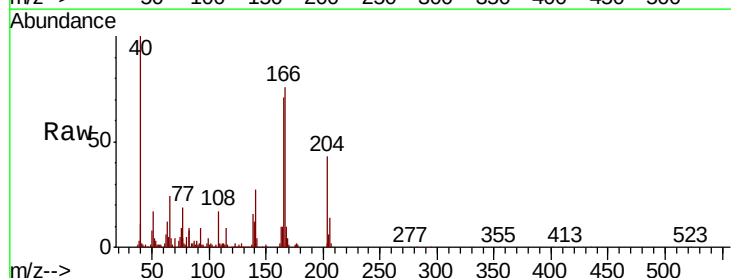
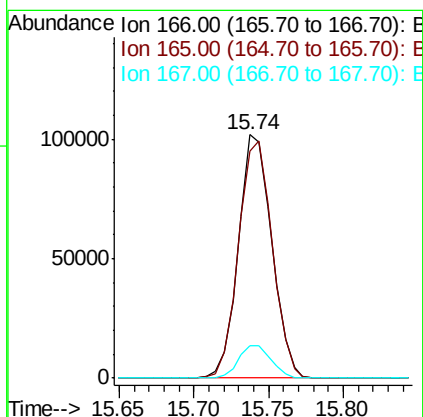
Manual Integrations
APPROVED

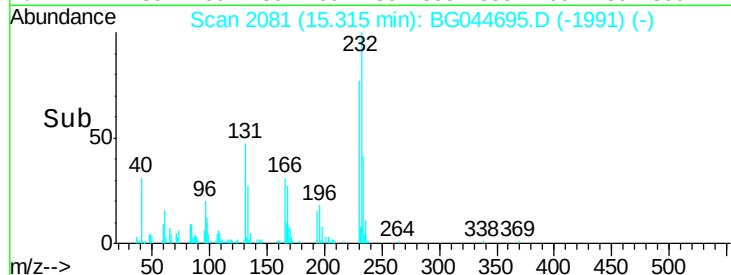
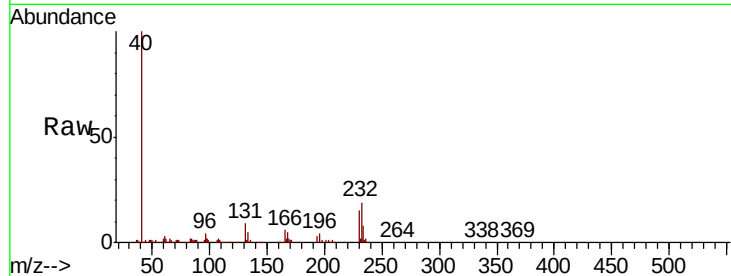
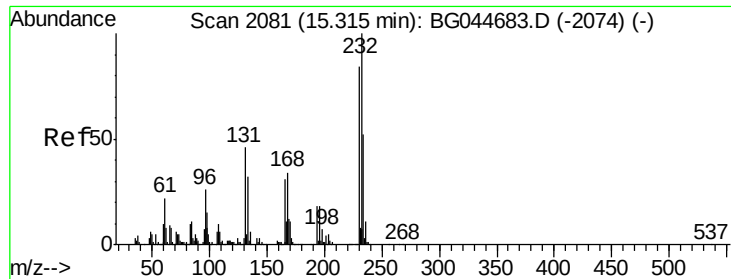
mohammad
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#58
Fluorene
Concen: 9.342 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.2	81.3	121.9
167	13.1	11.0	16.6





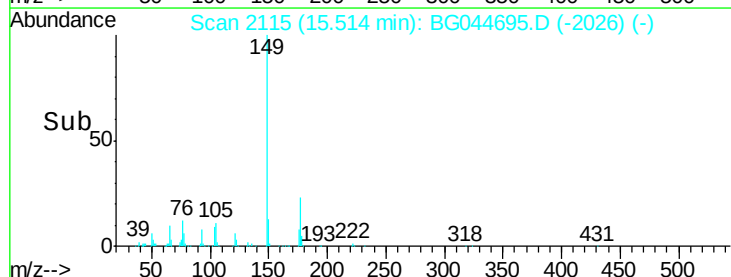
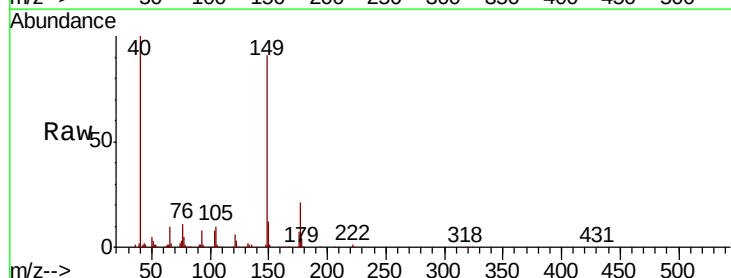
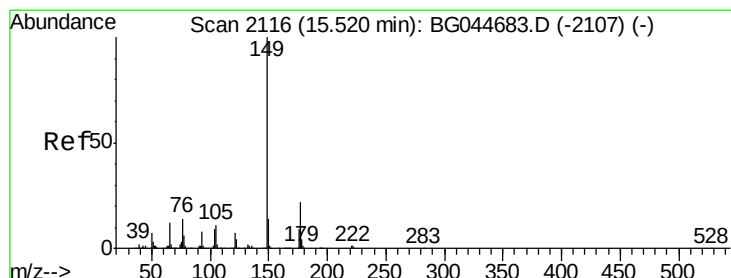
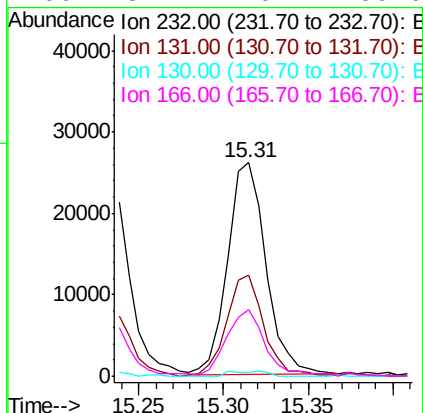
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.646 ng
RT: 15.31 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
232	100	41211		
131	46.4	33.0	49.6	
130	2.2	2.2	3.2	
166	31.7	20.4	30.6	

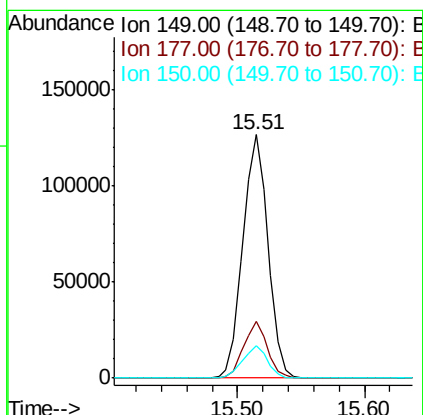
Manual Integrations
APPROVED

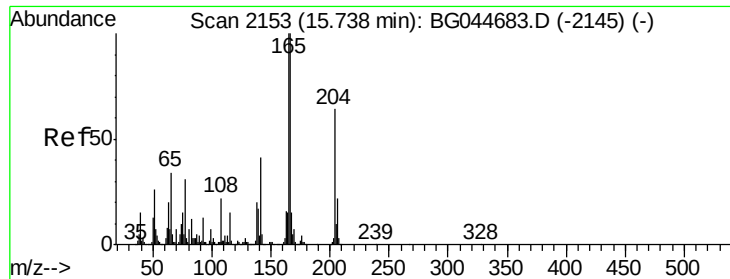
mohammad
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#60
Diethylphthalate
Concen: 9.000 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	173570		
177	23.3	17.5	26.3	
150	13.1	10.8	16.2	





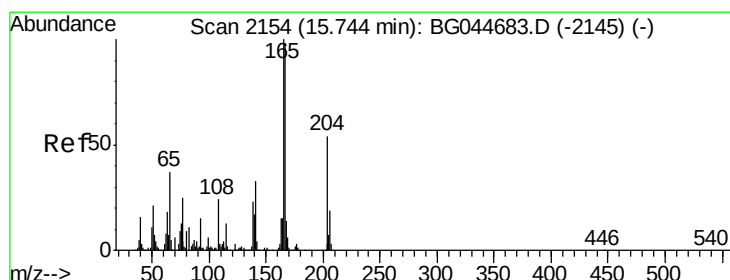
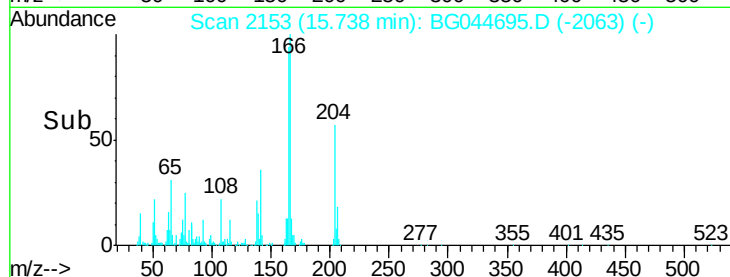
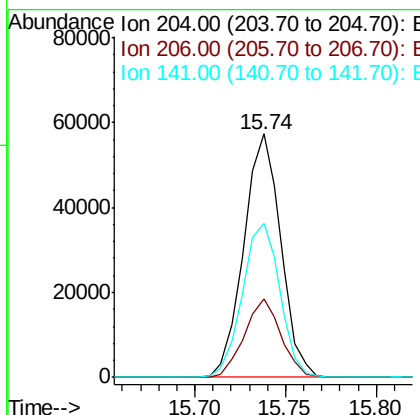
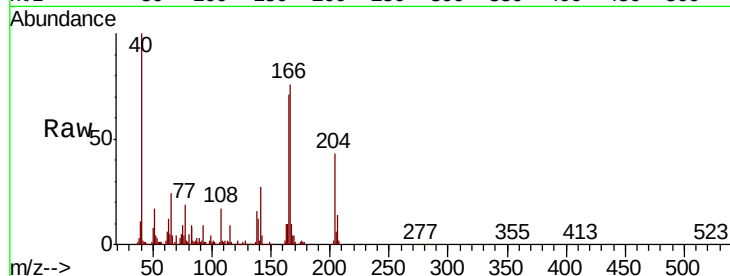
#61
 4-Chlorophenyl-phenylether
 Concen: 8.917 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	27.7	41.5
141	63.0	51.0	76.4

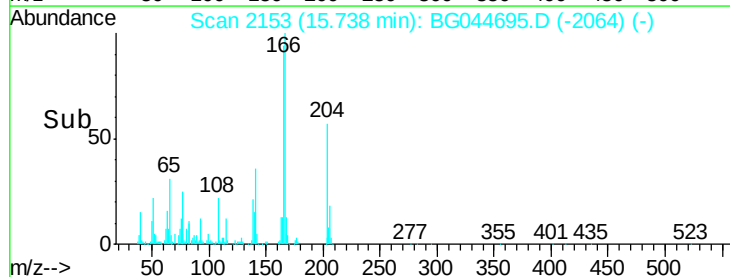
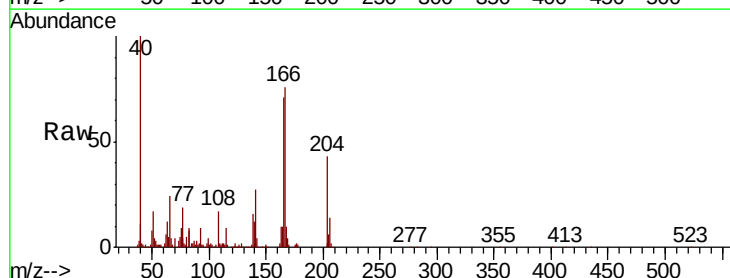
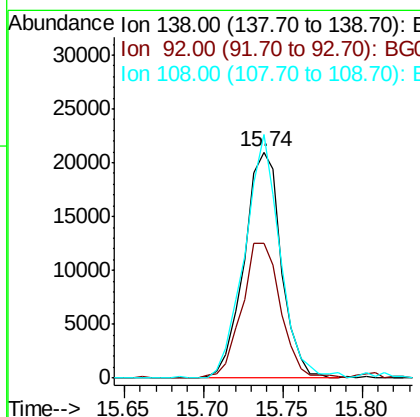
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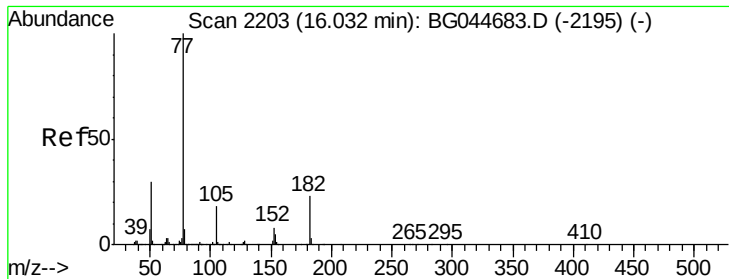
mohammad
 3/9/2020 3:07:51 PM



#62
 4-Nitroaniline
 Concen: 8.259 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.7	43.1	83.1
108	107.9	85.2	125.2





#63

Azobenzene

Concen: 9.484 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

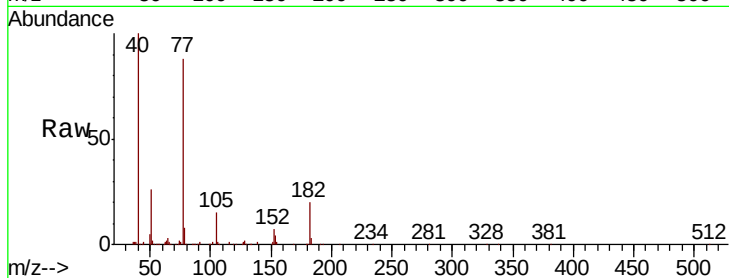
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	77	Resp:	191405
Ion Ratio	Lower	Upper	
77	100		
182	22.2	2.7	42.7
105	17.3	0.0	38.1
51	29.4	10.3	50.3

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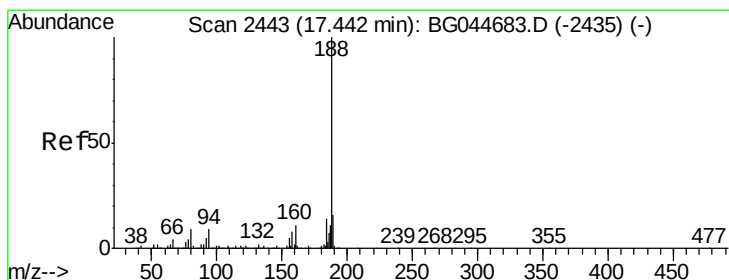
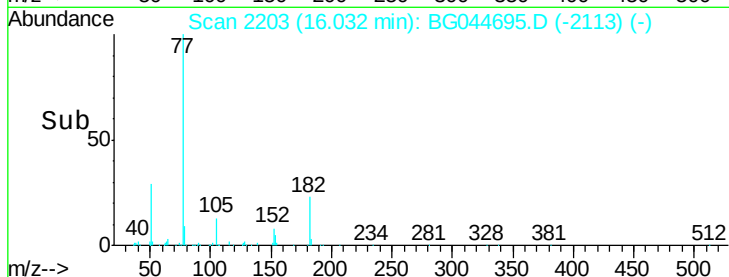
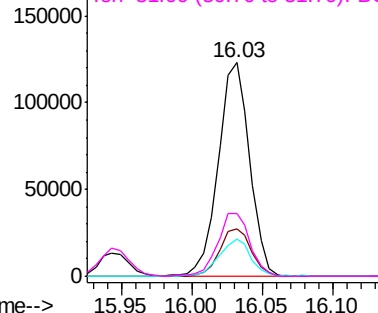


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

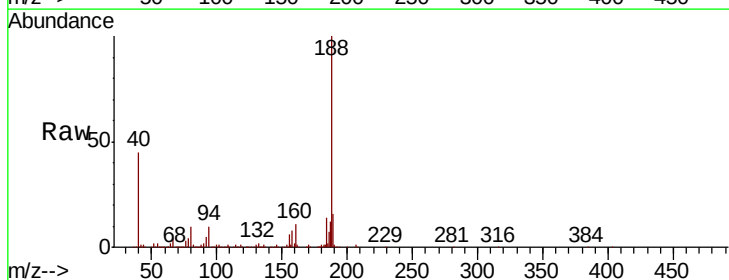
RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

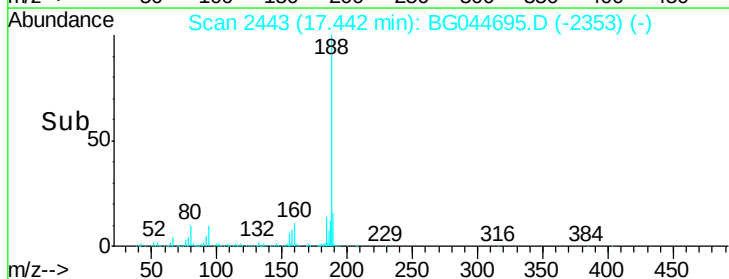
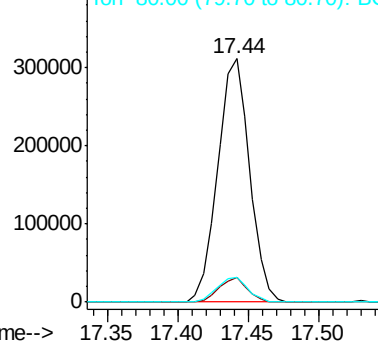
Tgt Ion:	188	Resp:	493364
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.4	11.0
80	10.4	7.3	10.9

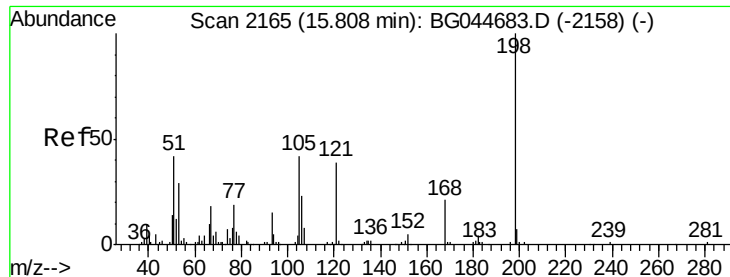


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





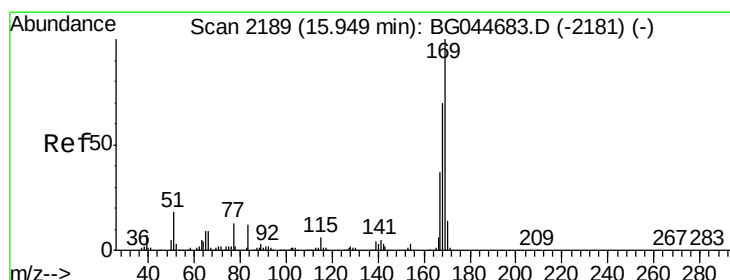
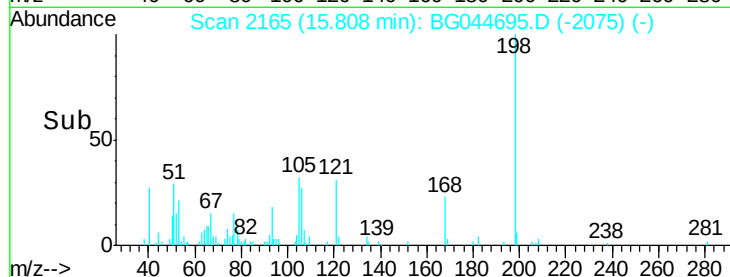
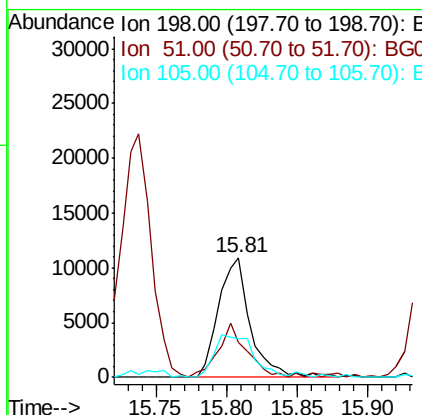
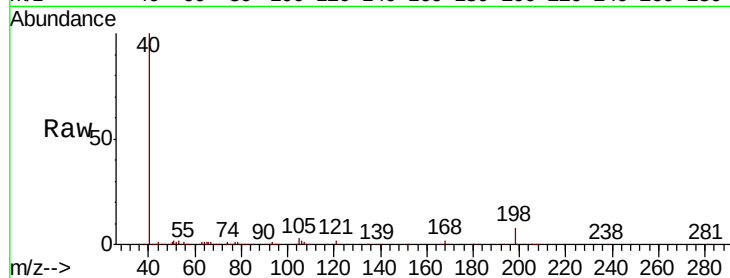
#65
4,6-Dinitro-2-methylphenol
Concen: 8.456 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	29.2	27.1	67.1
105	32.3	23.6	63.6

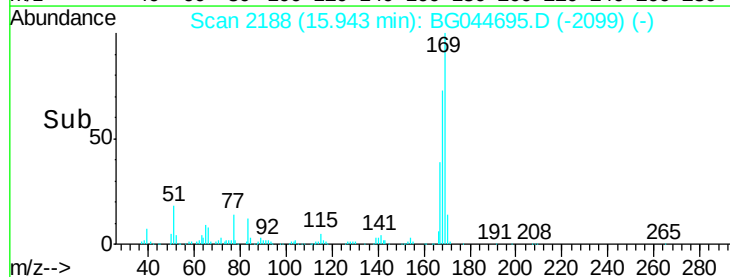
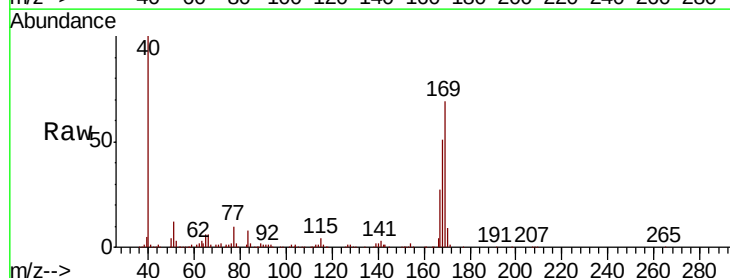
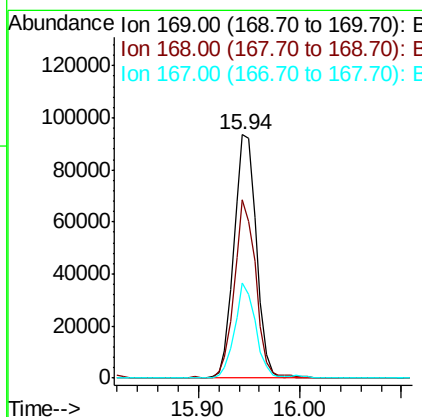
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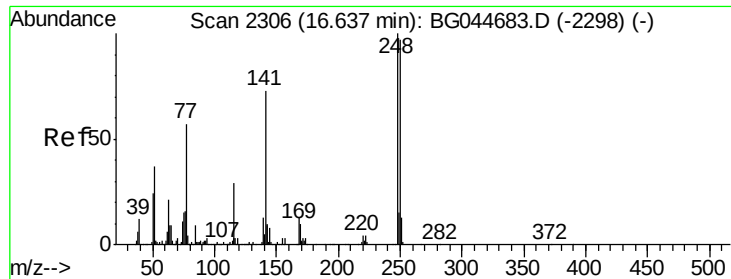
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#66
n-Nitrosodiphenylamine
Concen: 9.492 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.3	56.2	84.2
167	39.1	29.4	44.2





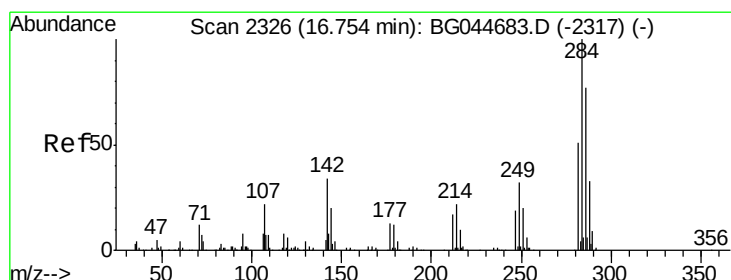
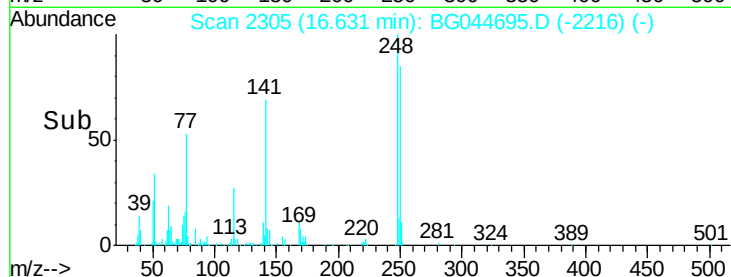
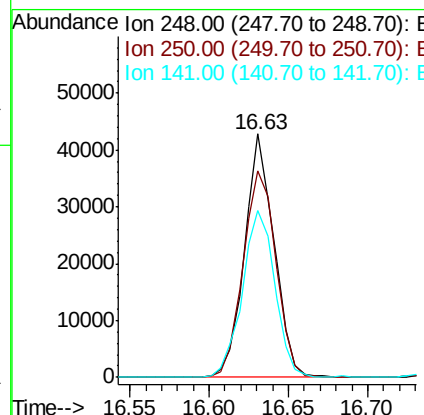
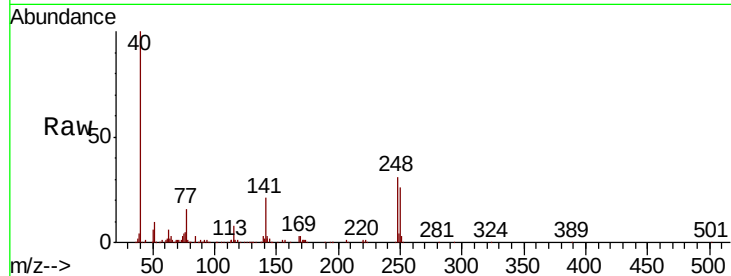
#67
4-Bromophenyl-phenylether
Concen: 8.884 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	84.6	77.4	116.2
141	68.5	58.1	87.1

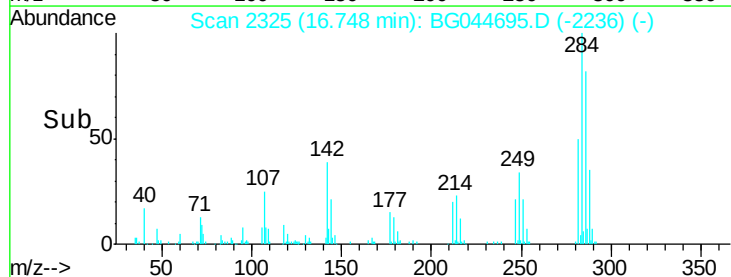
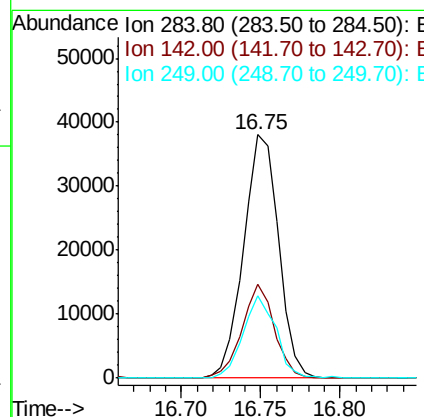
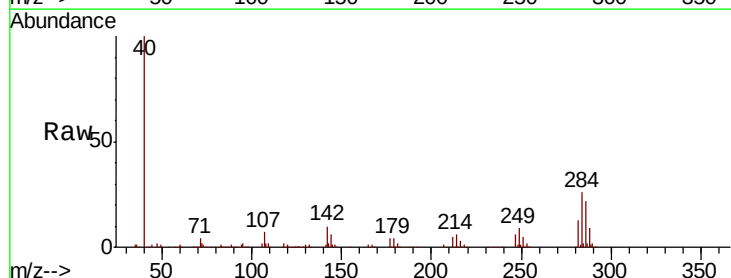
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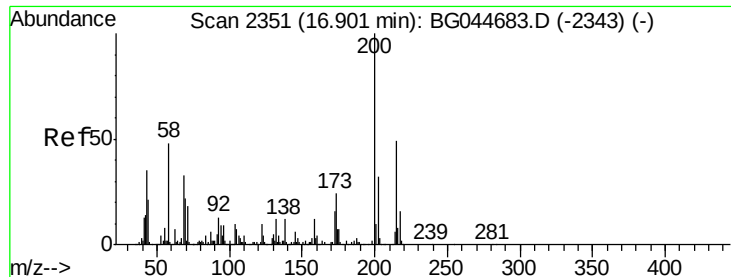
mohammad
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#68
Hexachlorobenzene
Concen: 8.658 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.8	27.2	40.8
249	33.6	25.7	38.5





#69

Atrazine

Concen: 10.191 ng

RT: 16.90 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

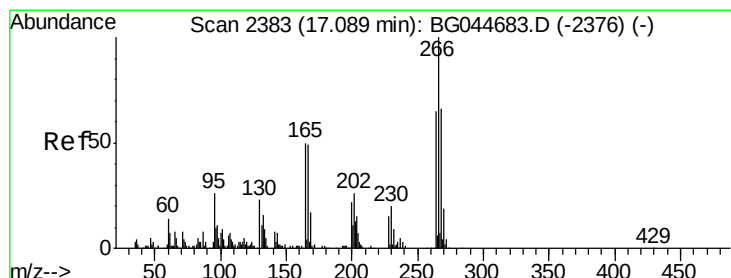
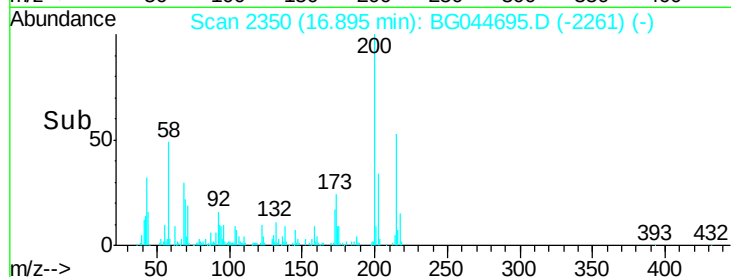
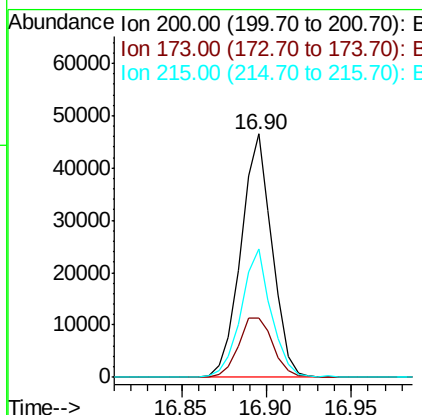
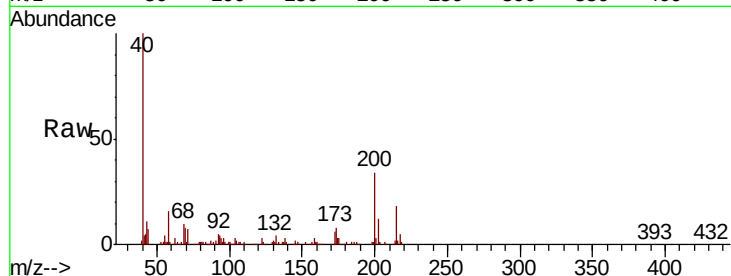
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	200	Resp:	59408
Ion Ratio	Lower	Upper	
200	100		
173	24.1	4.0	44.0
215	52.6	29.1	69.1

Manual Integrations
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#70

Pentachlorophenol

Concen: 8.264 ng

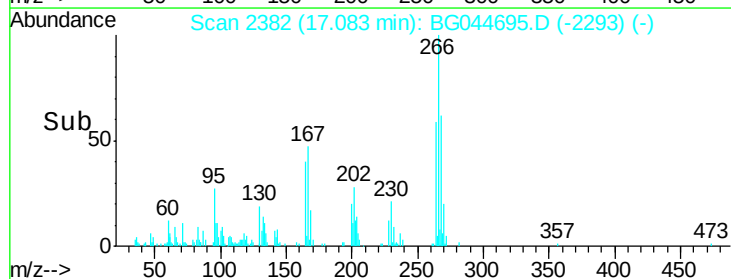
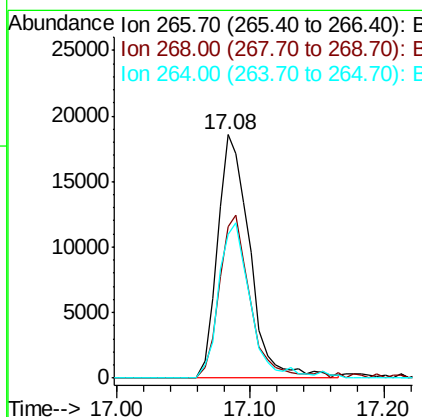
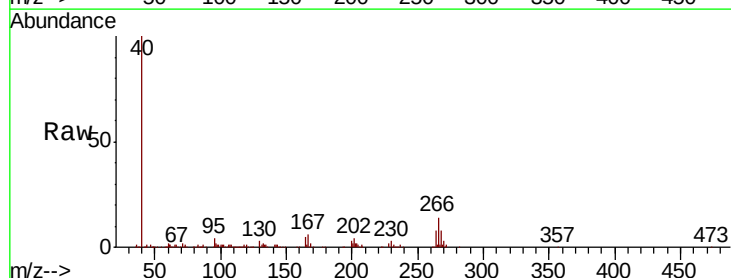
RT: 17.08 min Scan# 2382

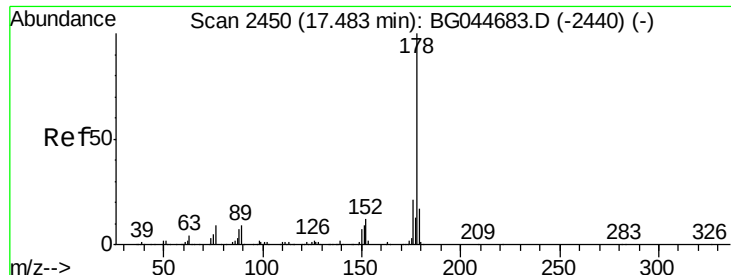
Delta R.T. -0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion:	266	Resp:	31505
Ion Ratio	Lower	Upper	
266	100		
268	62.4	52.7	79.1
264	59.0	52.3	78.5





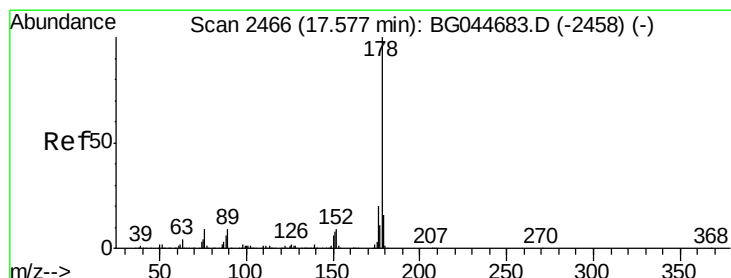
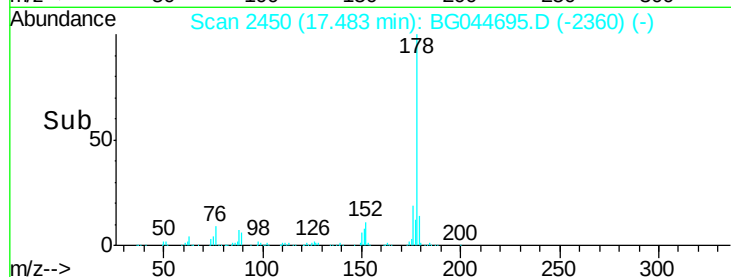
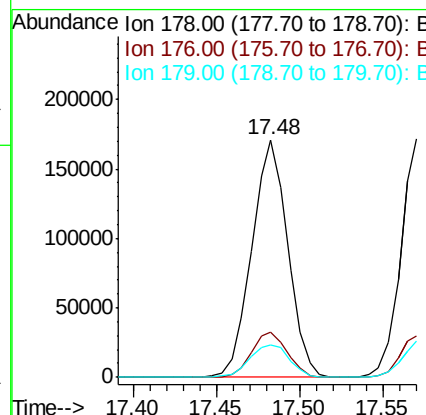
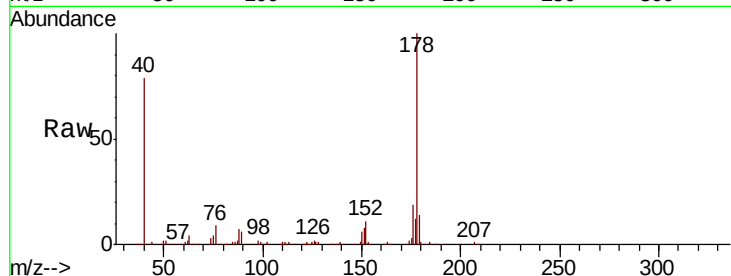
#71
Phenanthrene
Concen: 9.454 ng m
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.5	24.7
179	13.7	13.8	20.8

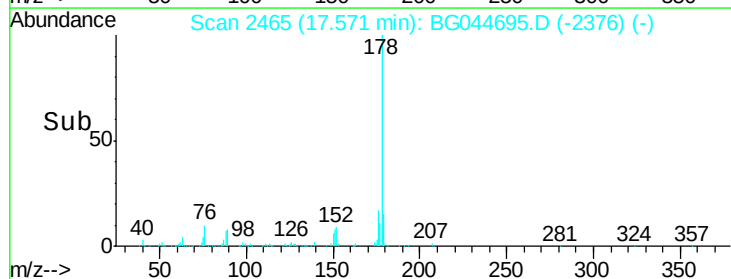
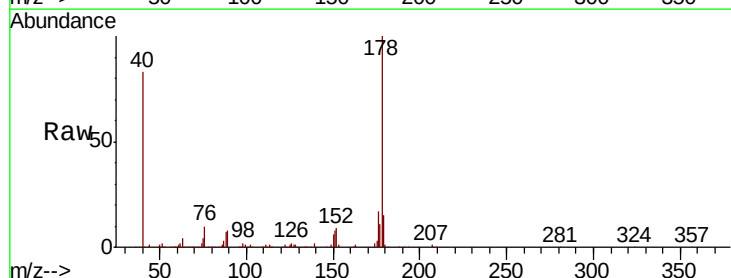
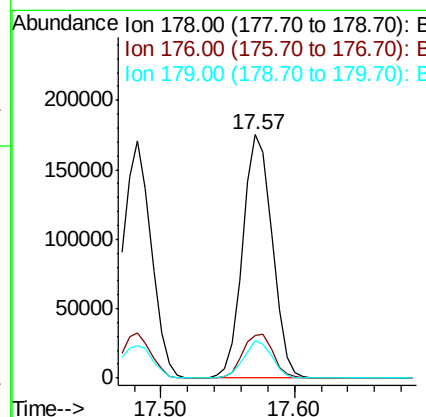
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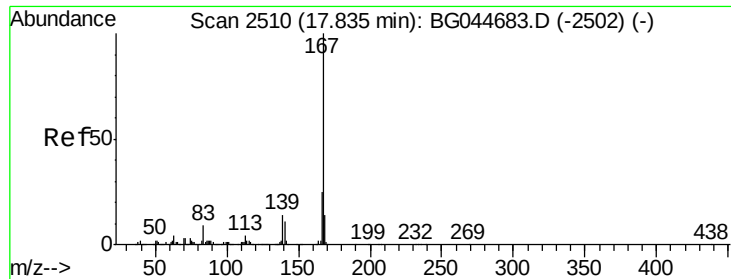
mohammad
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#72
Anthracene
Concen: 10.031 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.7	23.5
179	15.5	12.6	19.0





#73

Carbazole

Concen: 9.502 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

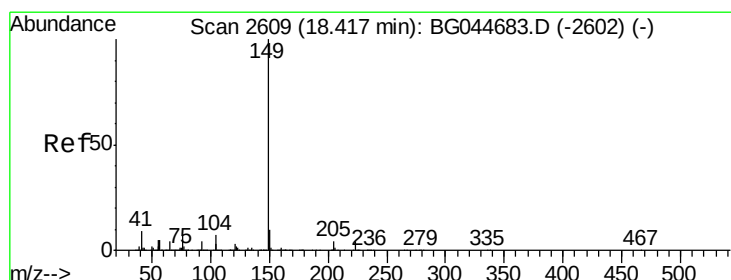
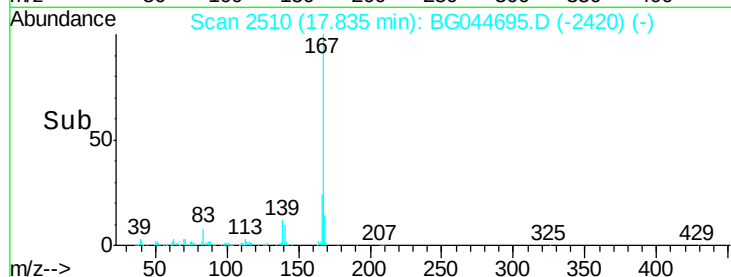
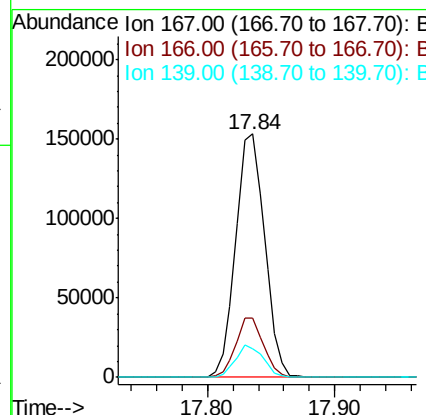
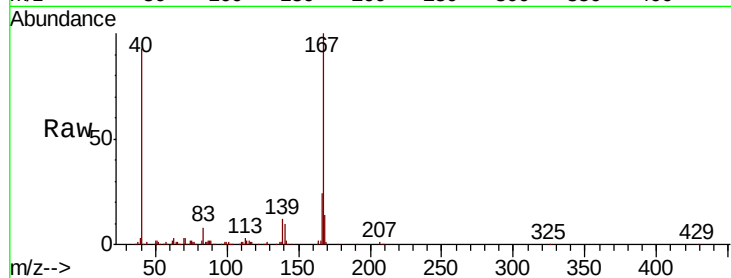
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	167	Resp:	242467
Ion Ratio	Lower	Upper	
167	100		
166	24.2	20.0	30.0
139	12.0	11.3	16.9

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#74

Di-n-butylphthalate

Concen: 9.393 ng

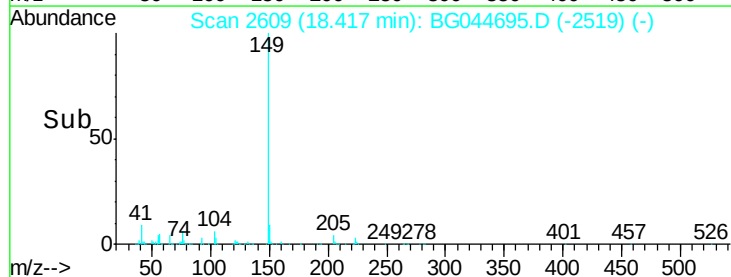
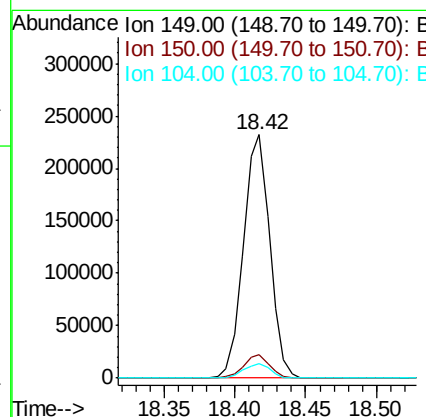
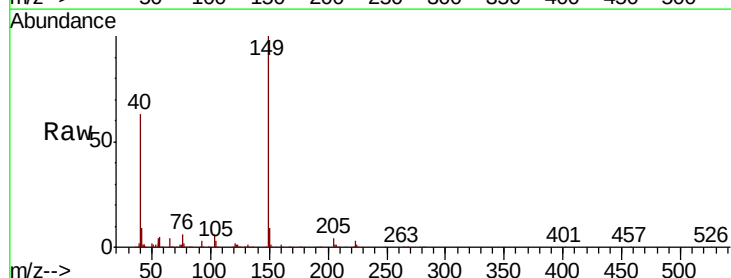
RT: 18.42 min Scan# 2609

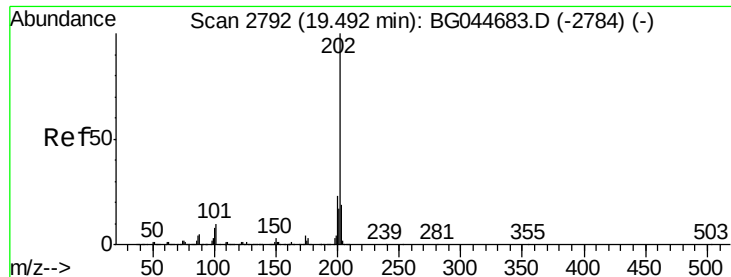
Delta R.T. -0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion:	149	Resp:	301883
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.0	12.0
104	6.1	5.5	8.3





#75

Fluoranthene

Concen: 9.698 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

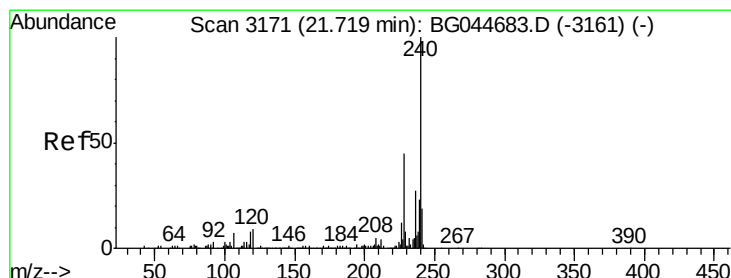
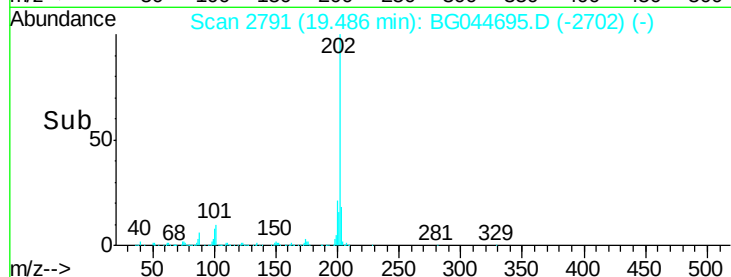
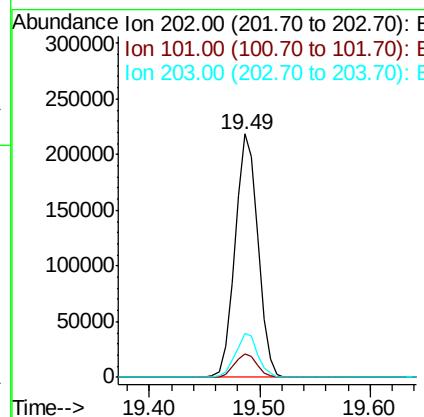
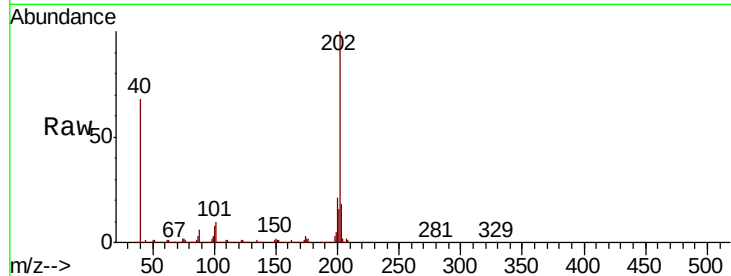
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	30.3
203	18.2	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

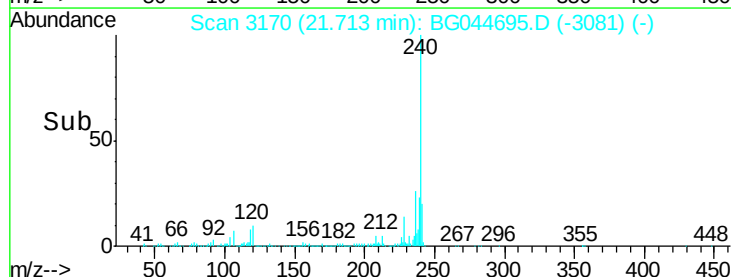
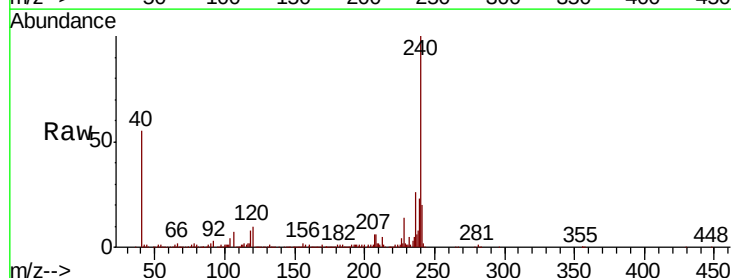
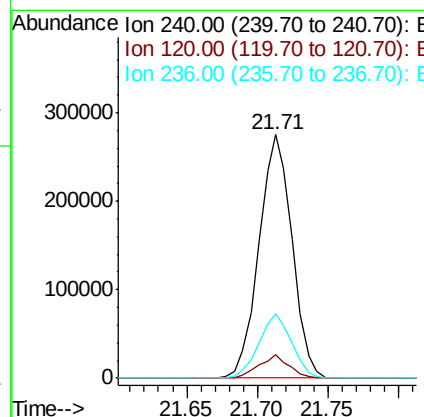
RT: 21.71 min Scan# 3170

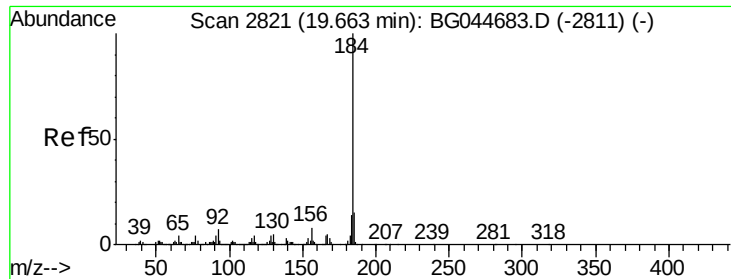
Delta R.T. -0.01 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	7.0	10.6
236	26.3	21.5	32.3





#77

Benzidine

Concen: 10.741 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Instrument :

BNA_G

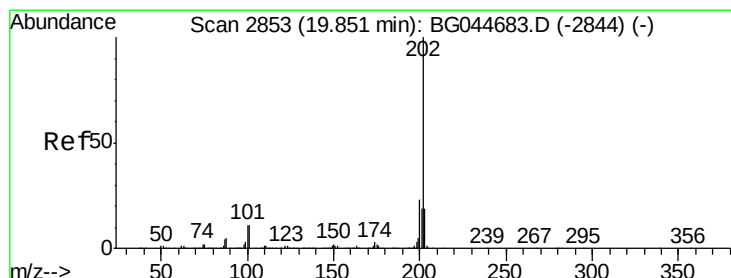
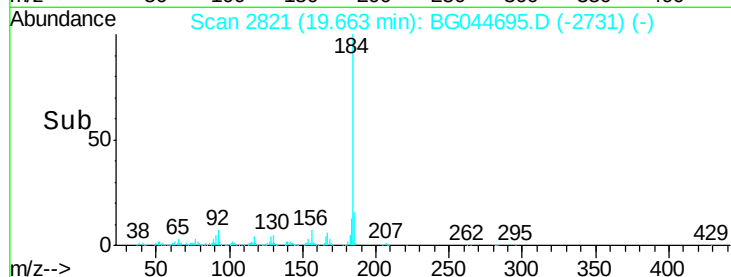
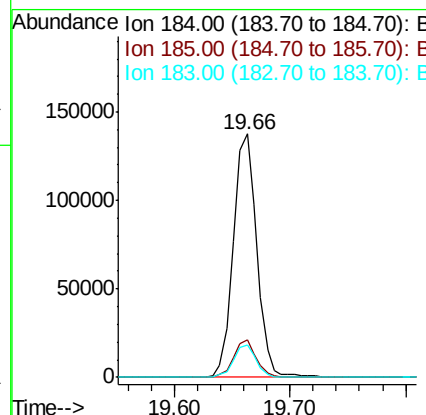
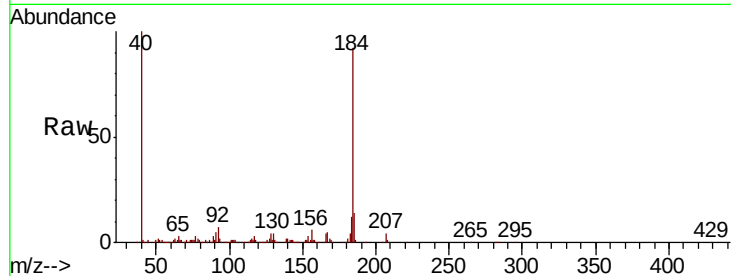
ClientSampleId :

LOQ-SOIL-02-QT1-2020

Tot Ion:	184	Resp:	194113
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.0	18.0
183	13.4	11.4	17.2

Manual Integrations
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#78

Pyrene

Concen: 9.238 ng

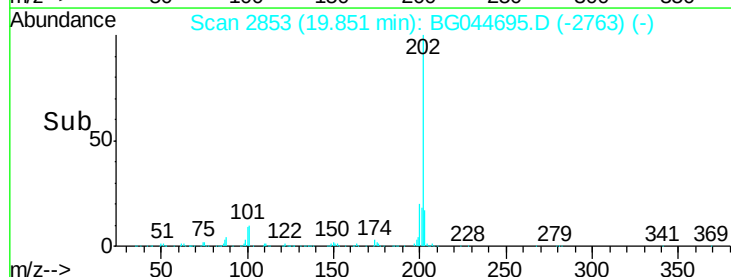
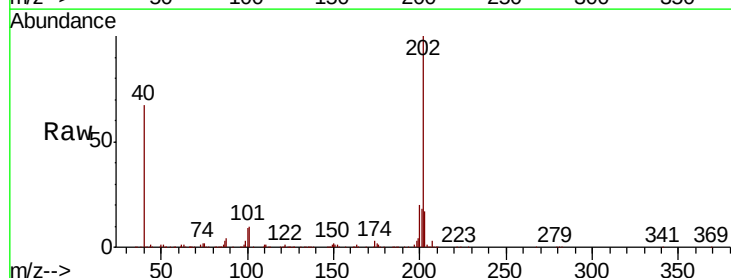
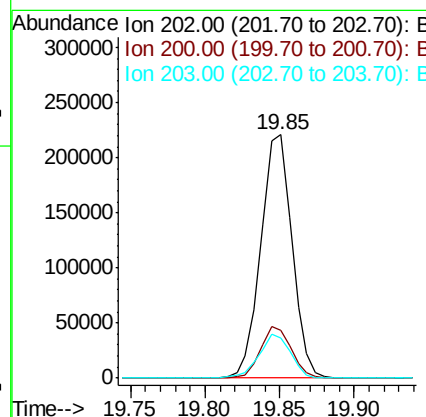
RT: 19.85 min Scan# 2853

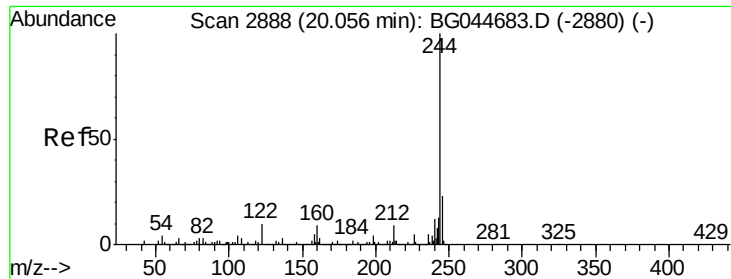
Delta R.T. -0.00 min

Lab File: BG044695.D

Acq: 6 Mar 2020 13:18

Tgt Ion:	202	Resp:	319003
Ion Ratio	Lower	Upper	
202	100		
200	19.8	18.2	27.2
203	16.7	15.2	22.8





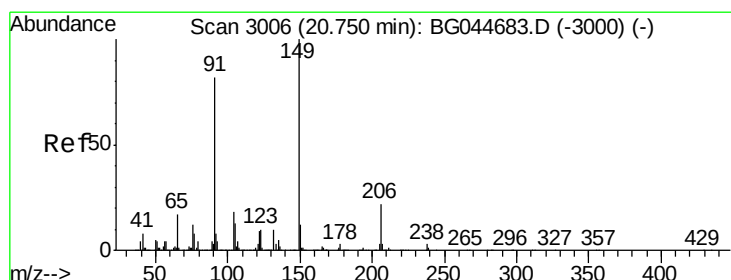
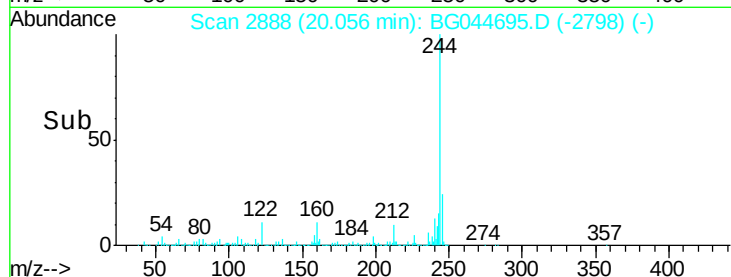
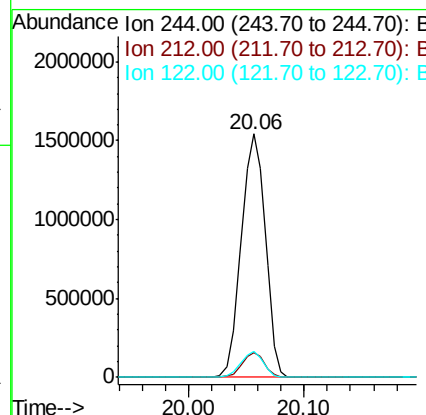
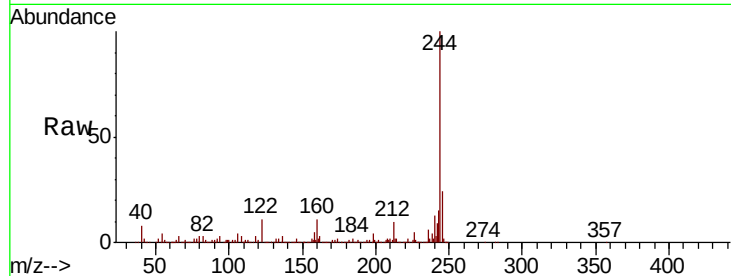
#79
 Terphenyl-d14
 Concen: 87.646 ng
 RT: 20.06 min Scan# 2888
 Delta R.T. 0.00 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.5	11.3
122	10.8	7.7	11.5

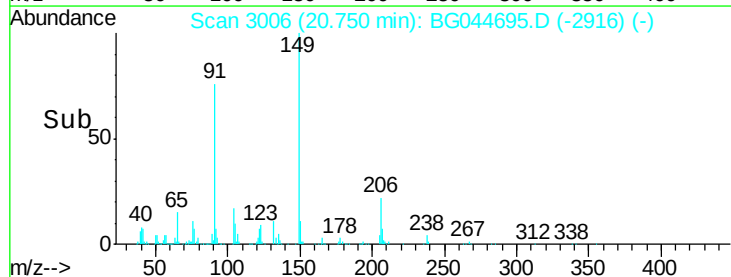
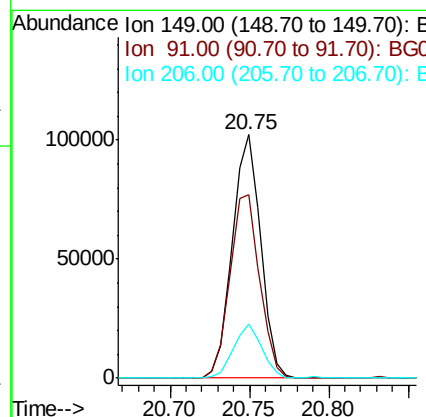
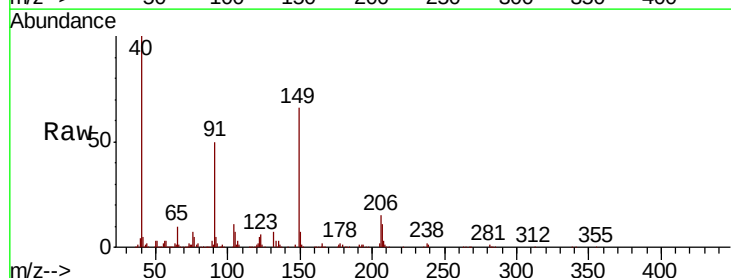
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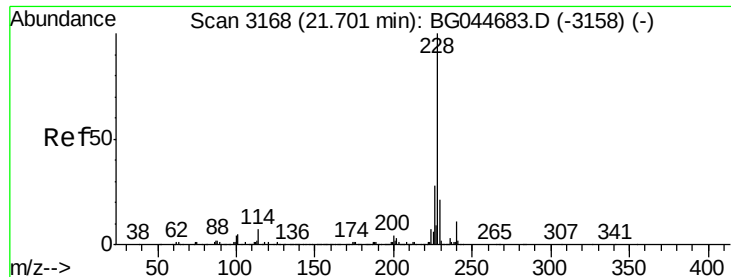
mohammad
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#80
 Butylbenzylphthalate
 Concen: 8.221 ng
 RT: 20.75 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.6	65.7	98.5
206	22.4	17.3	25.9





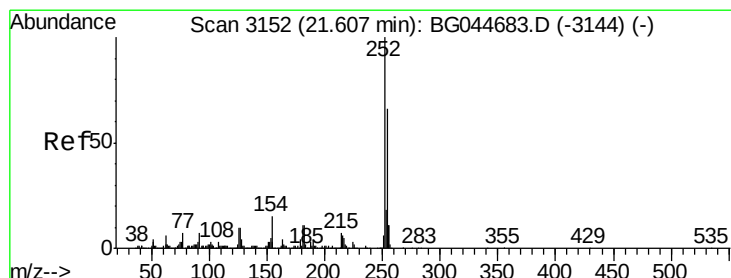
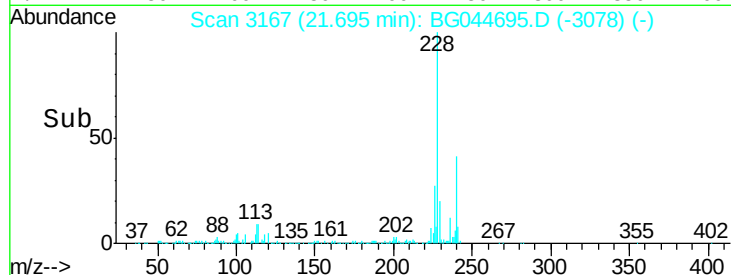
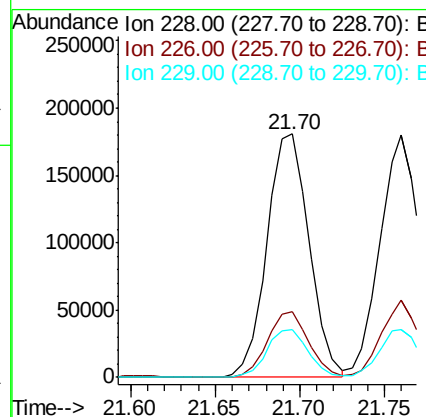
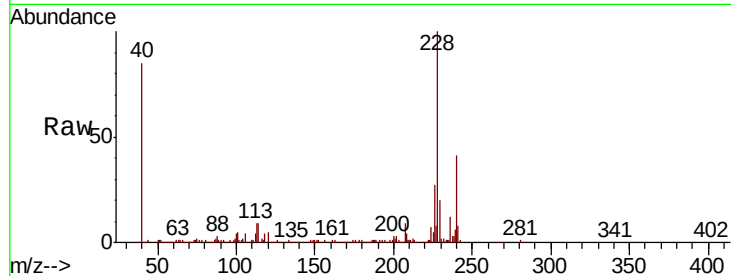
#81
Benzo(a)anthracene
Concen: 9.242 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.8	34.2
229	19.6	17.0	25.6

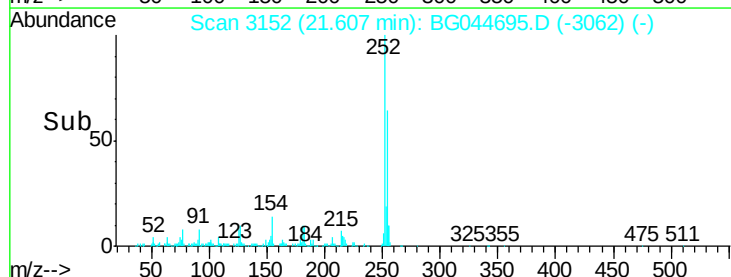
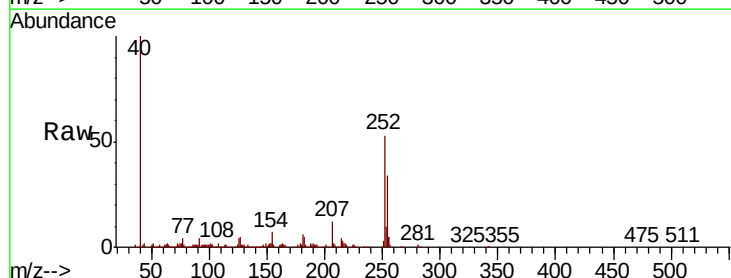
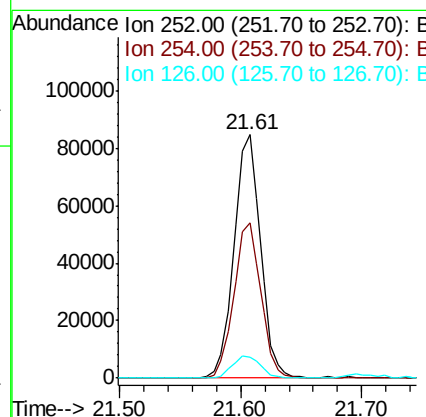
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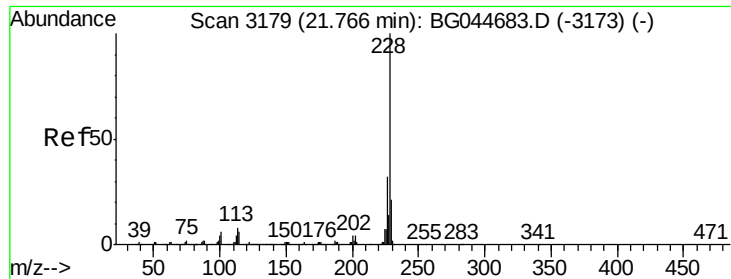
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 9.575 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	79.0
126	8.4	7.8	11.6





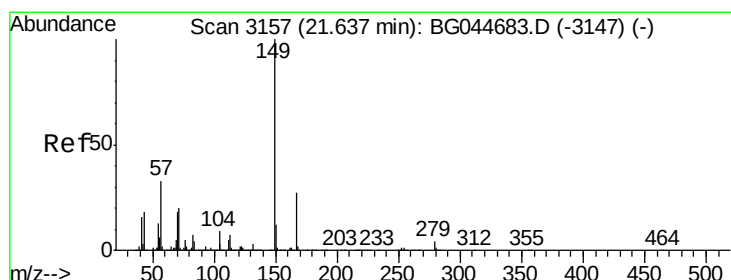
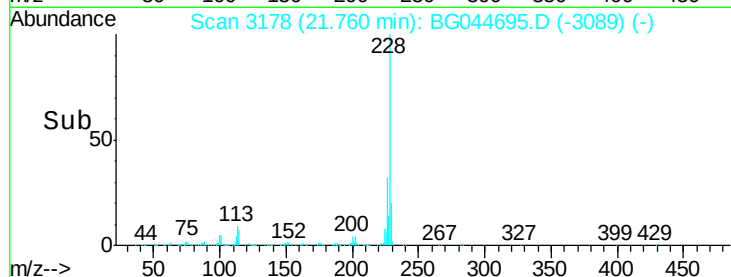
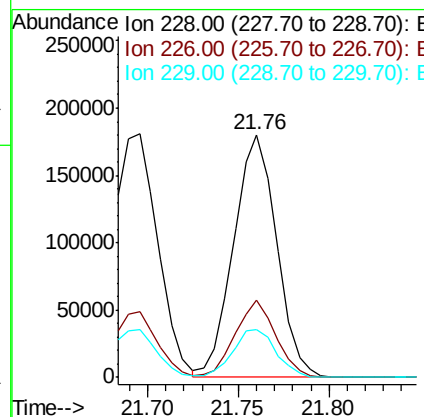
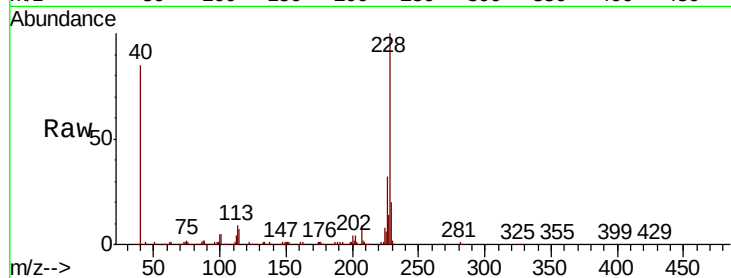
#83
 Chrysene
 Concen: 9.180 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Tot Ion:	228	Resp:	296650
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.8	38.6
229	19.8	16.6	25.0

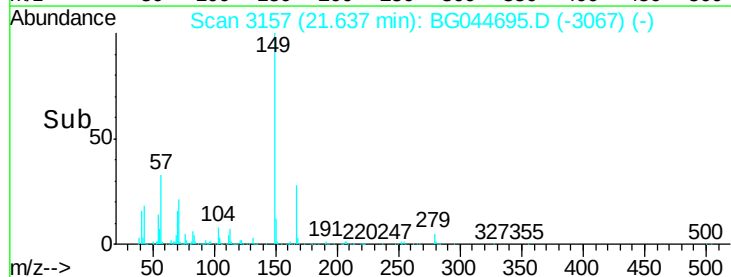
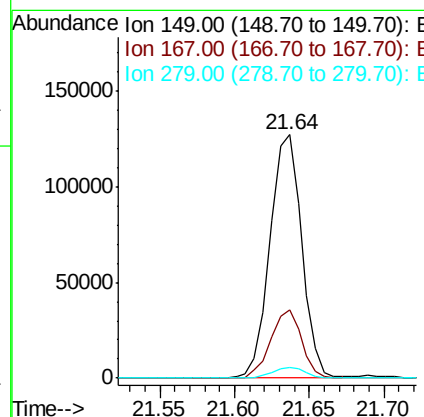
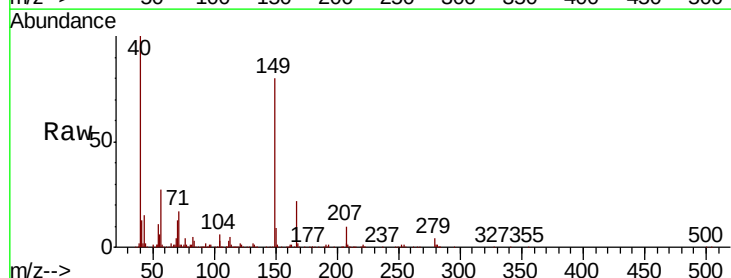
Manual Integrations
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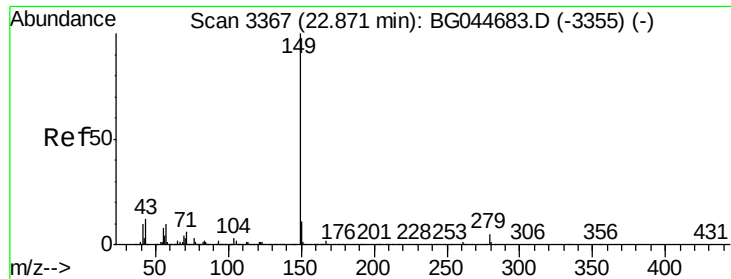
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.775 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: BG044695.D
 Acq: 6 Mar 2020 13:18

Tgt Ion:	149	Resp:	188614
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.3	31.9
279	4.6	3.6	5.4





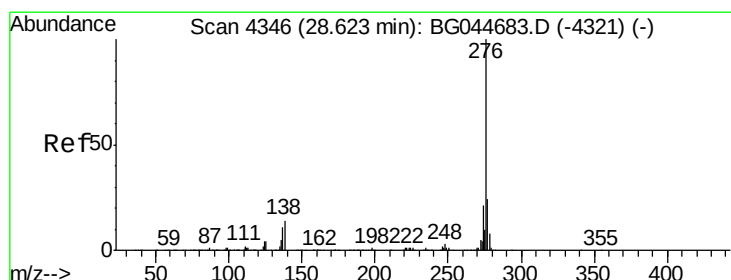
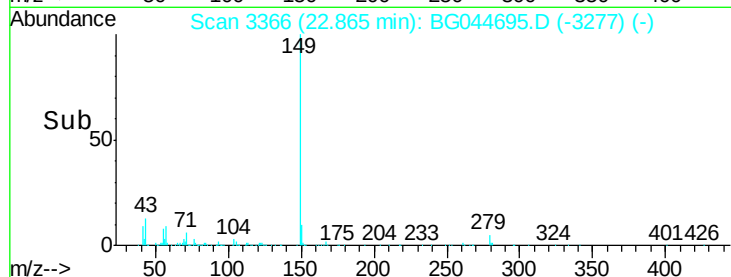
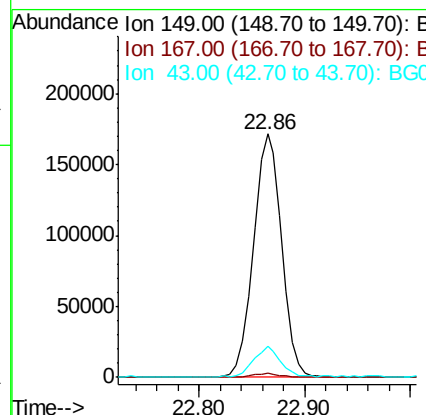
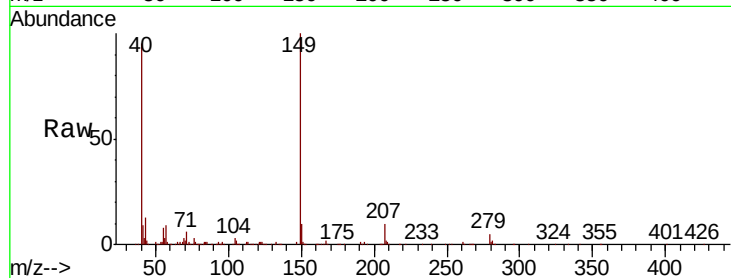
#85
Di-n-octyl phthalate
Concen: 8.581 ng
RT: 22.86 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.3	1.9	
43	11.7	9.5	14.3	

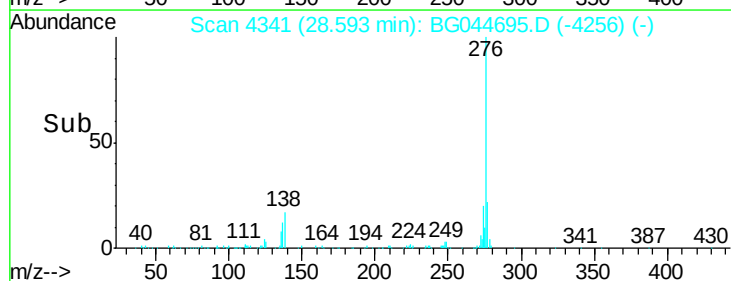
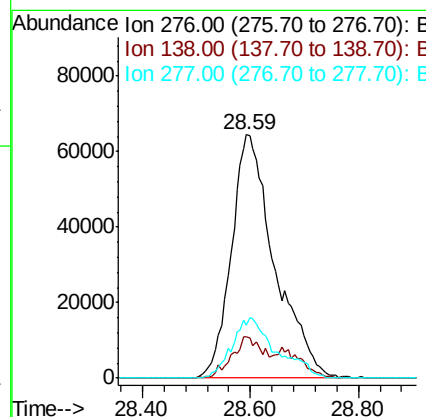
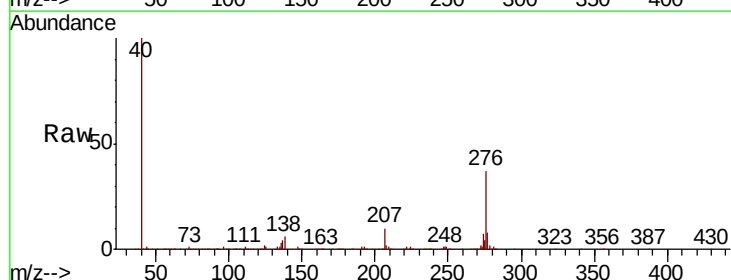
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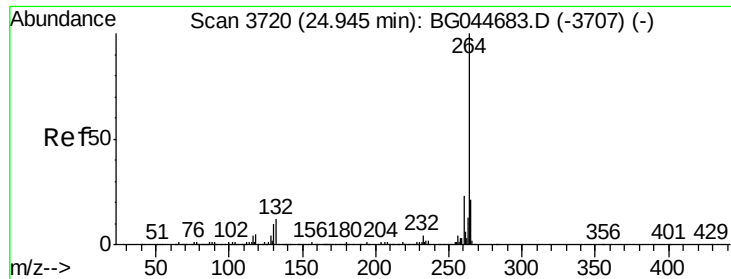
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 8.421 ng
RT: 28.59 min Scan# 4341
Delta R.T. -0.03 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	12.7	9.5	14.3	
277	25.4	20.6	30.8	





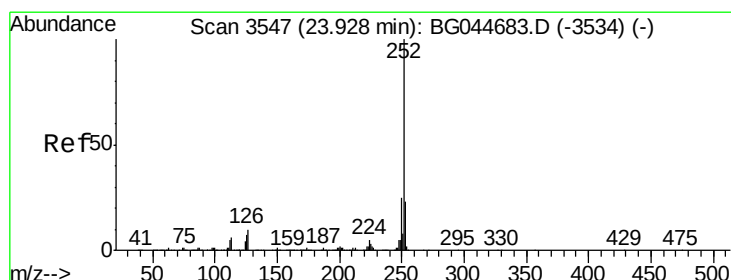
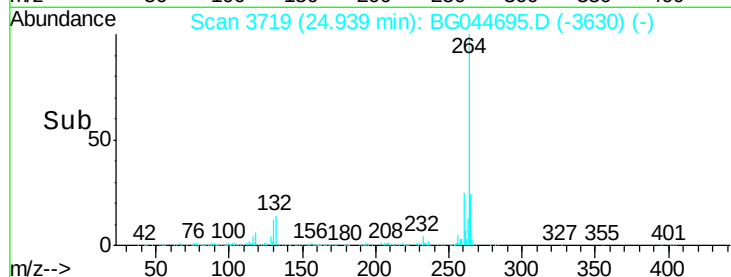
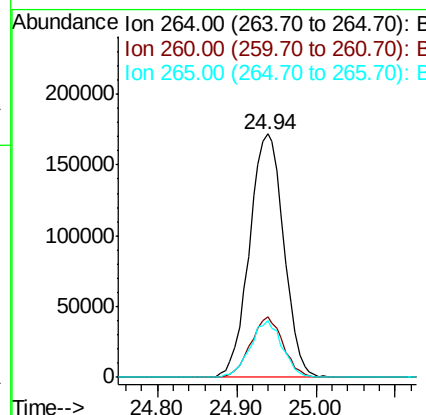
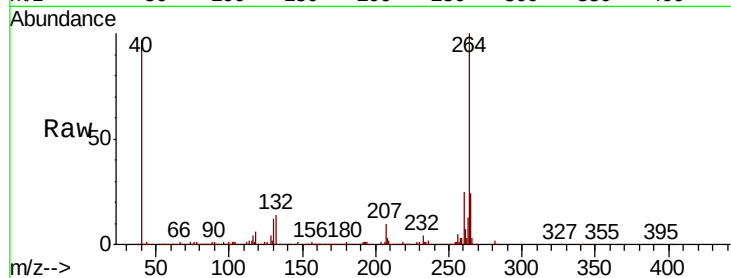
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	23.6	16.9	25.3

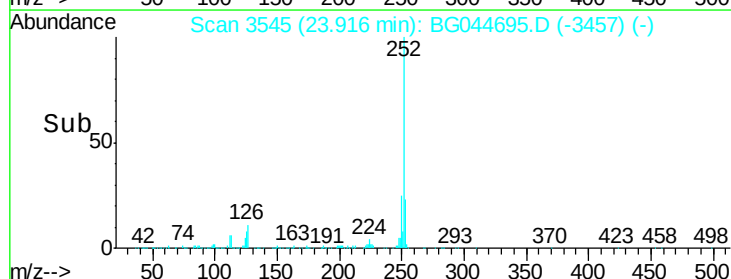
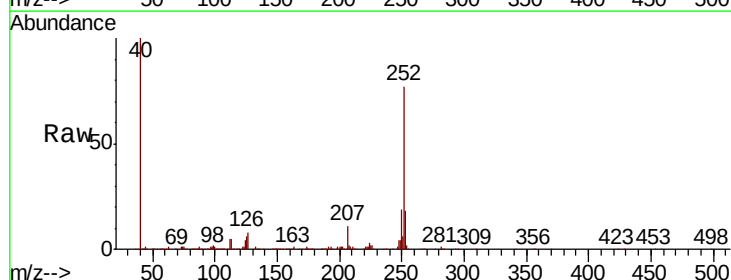
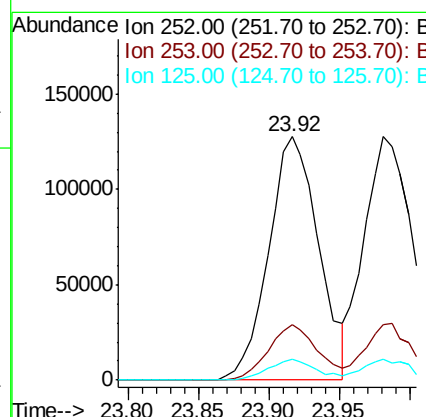
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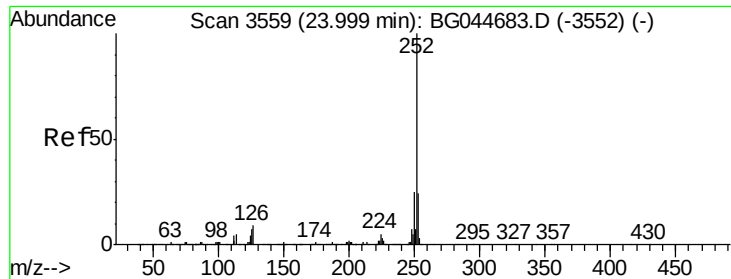
mohammad
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#88
Benzo(b)fluoranthene
Concen: 8.957 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	8.4	5.6	8.4#





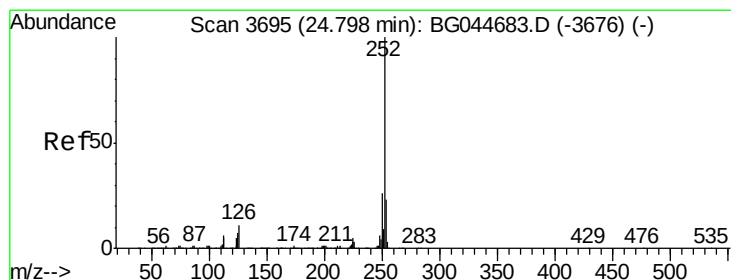
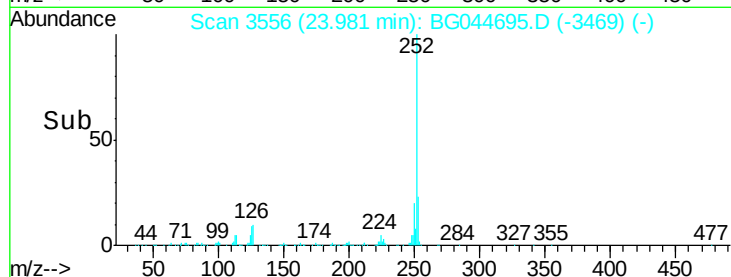
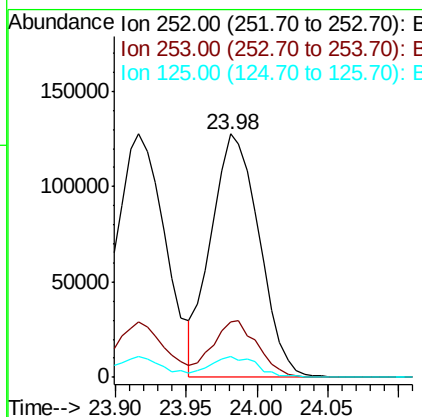
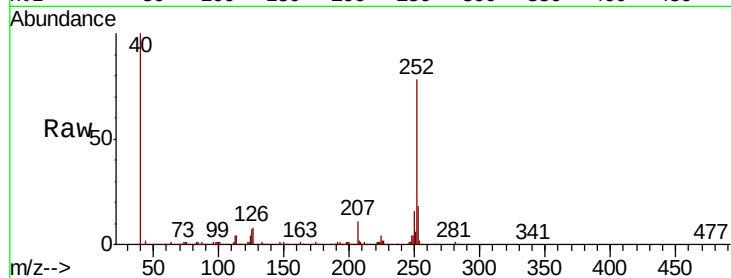
#89
Benzo(k)fluoranthene
Concen: 9.164 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.02 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	8.6	5.8	8.8

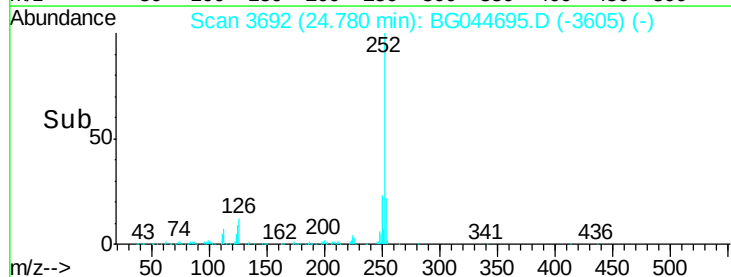
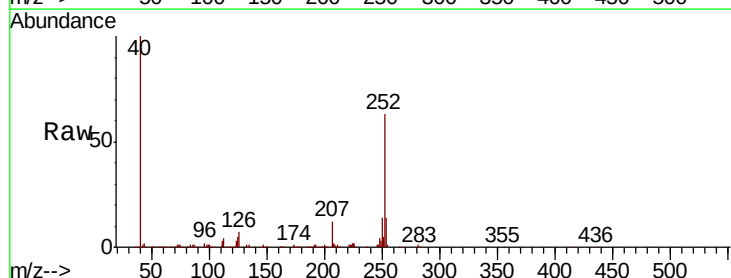
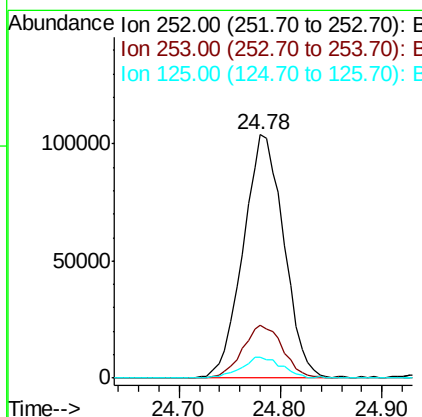
Manual Integrations
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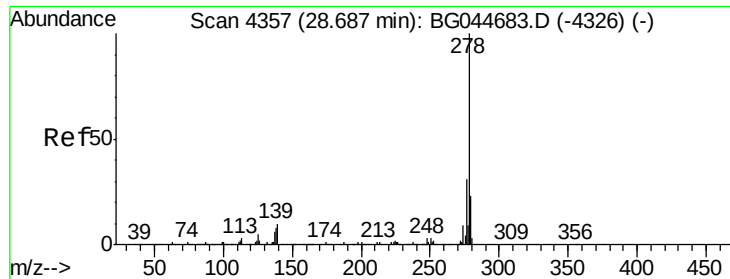
mohammad
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#90
Benzo(a)pyrene
Concen: 8.828 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	8.5	6.0	9.0





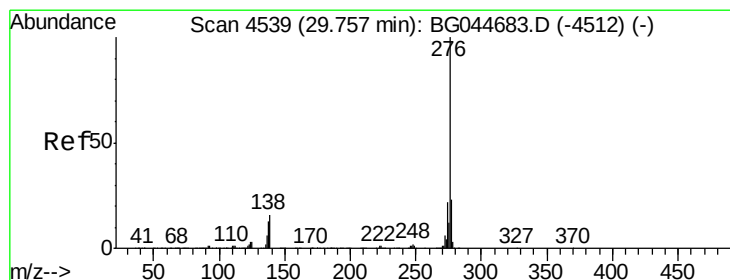
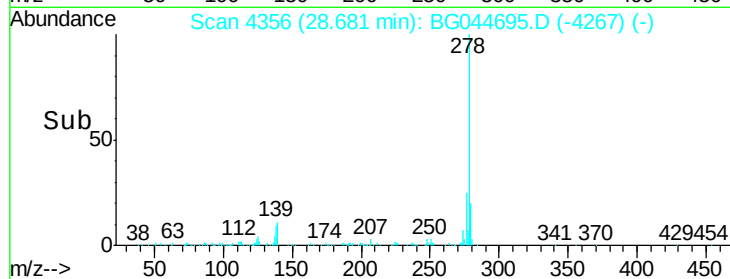
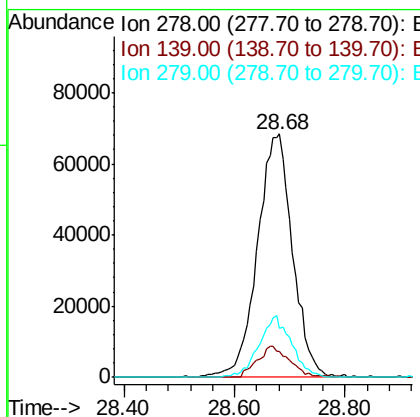
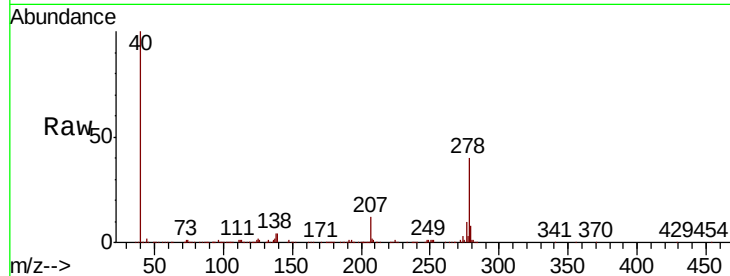
#91
Dibenzo(a,h)anthracene
Concen: 9.236 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.7	8.4	12.6
279	20.3	18.2	27.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 9.174 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.02 min
Lab File: BG044695.D
Acq: 6 Mar 2020 13:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.7	28.1
138	16.7	12.7	19.1

