

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BG045229.D
 Acq On : 1 May 2020 23:38
 Operator : CG/JU
 Sample : L2122-15MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MSD

Manual Integrations
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 5/4/2020 3:46:21 PM

Quant Time: May 02 05:40:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	62075	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	242407	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	185106	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	467269	20.00	ng	0.00
76) Chrysene-d12	21.65	240	451415	20.00	ng	0.00
87) Perylene-d12	24.82	264	502928	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	498322	132.53	ng	0.00
7) Phenol-d6	7.16	99	622957	111.51	ng	0.00
23) Nitrobenzene-d5	9.15	82	498061	93.75	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	423797	148.20	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1181719	93.61	ng	0.00
79) Terphenyl-d14	19.99	244	2163155	104.44	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.46	88	74847	44.792	ng	# 45
3) Pyridine	3.86	79	101137	19.658	ng	95
4) n-Nitrosodimethylamine	3.76	42	75038	47.610	ng	89
6) Aniline	7.31	93	193370	26.623	ng	99
8) 2-Chlorophenol	7.56	128	195481	48.375	ng	94
9) Benzaldehyde	7.12	77	153363	53.253	ng	97
10) Phenol	7.19	94	223295	39.944	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	190466	42.794	ng	99
12) 1,3-Dichlorobenzene	7.88	146	199189	41.831	ng	99
13) 1,4-Dichlorobenzene	8.03	146	203248	42.836	ng	98
14) 1,2-Dichlorobenzene	8.35	146	190526	41.973	ng	95
15) Benzyl Alcohol	8.23	79	204769	43.719	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	176113	40.310	ng	97
17) 2-Methylphenol	8.44	107	176032	40.813	ng	96
18) Hexachloroethane	9.08	117	76852	43.086	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	170214	43.085	ng	93
20) 3+4-Methylphenols	8.77	107	239738	39.711	ng	97
22) Acetophenone	8.81	105	317504	48.435	ng	# 98
24) Nitrobenzene	9.19	77	257774	47.336	ng	94
25) Isophorone	9.72	82	493995	45.406	ng	97
26) 2-Nitrophenol	9.91	139	115811	49.372	ng	92
27) 2,4-Dimethylphenol	9.97	122	191482	51.447	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	266016	46.537	ng	99
29) 2,4-Dichlorophenol	10.45	162	217013	50.496	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	226597	46.569	ng	97
31) Naphthalene	10.85	128	624933	47.126	ng	99
32) Benzoic acid	10.12	122	116854	40.077	ng	91
33) 4-Chloroaniline	10.95	127	69665	11.265	ng	96
34) Hexachlorobutadiene	11.15	225	150462	45.101	ng	97
35) Caprolactam	11.72	113	53539m	31.301	ng	
36) 4-Chloro-3-methylphenol	12.08	107	251612	49.838	ng	98
37) 2-Methylnaphthalene	12.46	142	485369	47.156	ng	97
38) 1-Methylnaphthalene	12.68	142	471988	48.574	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	278635	46.751	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	381161	102.324	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	202969	48.254	nq	97
44) 2,4,5-Trichlorophenol	13.14	196	223448	46.670	nq	99
46) 1,1'-Biphenyl	13.46	154	652973	46.411	nq	98
47) 2-Chloronaphthalene	13.51	162	495059	46.050	nq	97
48) 2-Nitroaniline	13.70	65	162187	45.853	nq	97
49) Acenaphthylene	14.36	152	838695	47.896	nq	99
50) Dimethylphthalate	14.09	163	763783	50.675	nq	98
51) 2,6-Dinitrotoluene	14.20	165	162628	48.240	nq	94
52) Acenaphthene	14.70	154	651453m	54.985	nq	
53) 3-Nitroaniline	14.53	138	93011	25.156	nq	# 91
54) 2,4-Dinitrophenol	14.74	184	204408	101.968	nq	# 86
55) Dibenzofuran	15.03	168	822132	47.596	nq	97
56) 4-Nitrophenol	14.85	139	234397	81.761	nq	94
57) 2,4-Dinitrotoluene	14.99	165	233944	47.485	nq	98
58) Fluorene	15.68	166	701779	49.740	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	222246	52.168	nq	99
60) Diethylphthalate	15.45	149	750198	47.740	nq	100
61) 4-Chlorophenyl-phenylether	15.67	204	391918	48.260	nq	99
62) 4-Nitroaniline	15.70	138	158700	41.382	nq	93
63) Azobenzene	15.97	77	715292	49.371	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	156273	50.880	nq	98
66) n-Nitrosodiphenylamine	15.89	169	632917	47.143	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	277049	45.959	nq	97
68) Hexachlorobenzene	16.69	284	298448	47.737	nq	97
69) Atrazine	16.84	200	218358	44.544	nq	99
70) Pentachlorophenol	17.03	266	381479	99.465	nq	96
71) Phenanthrene	17.42	178	1151453	47.954	nq	99
72) Anthracene	17.52	178	1192079	49.492	nq	99
73) Carbazole	17.78	167	1093214	44.725	nq	98
74) Di-n-butylphthalate	18.34	149	1314907	50.108	nq	99
75) Fluoranthene	19.43	202	1468954	53.168	nq	98
77) Benzidine	19.62	184	179021m	8.917	nq	
78) Pyrene	19.80	202	1453712	46.712	nq	99
80) Butylbenzylphthalate	20.68	149	597133	46.290	nq	98
81) Benzo(a)anthracene	21.63	228	1417538	48.449	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	359714	30.889	nq	99
83) Chrysene	21.69	228	1357891	48.303	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	844053	47.574	nq	99
85) Di-n-octyl phthalate	22.74	149	1441990	47.001	nq	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1863506	49.929	nq	98
88) Benzo(b)fluoranthene	23.82	252	1567077	49.743	nq	99
89) Benzo(k)fluoranthene	23.89	252	1476472	49.282	nq	99
90) Benzo(a)pyrene	24.68	252	1427459	47.992	nq	97
91) Dibenzo(a,h)anthracene	28.50	278	1516457	50.597	nq	96
92) Benzo(g,h,i)perylene	29.56	276	1537612	51.172	nq	98

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

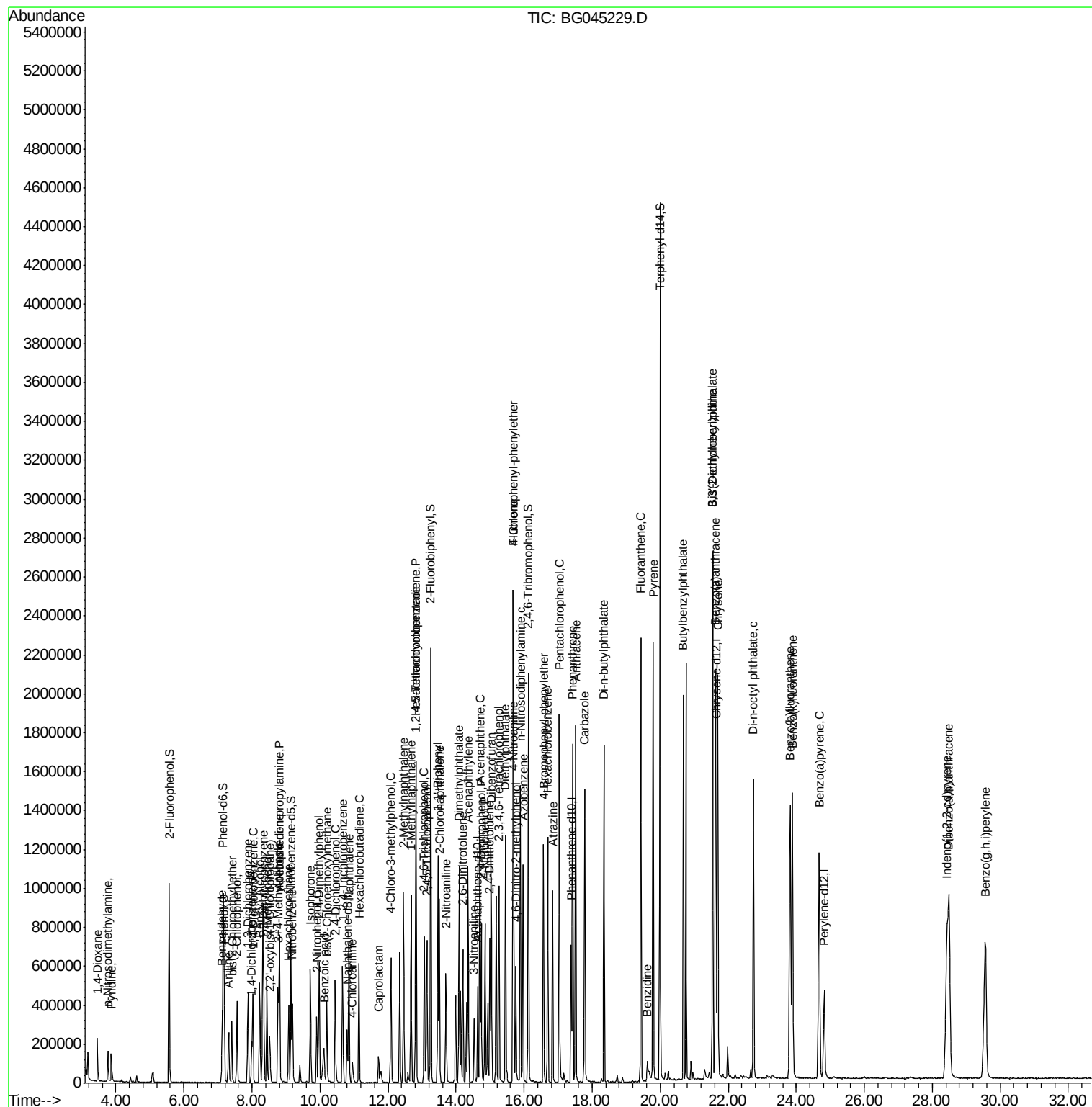
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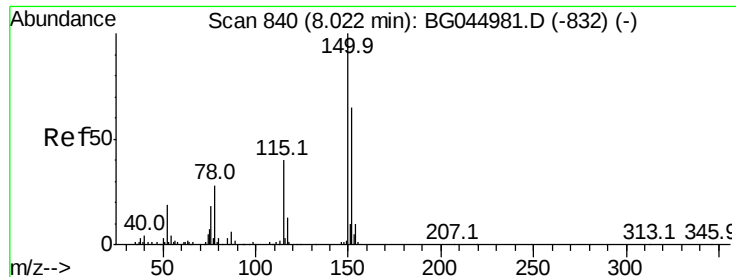
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#1

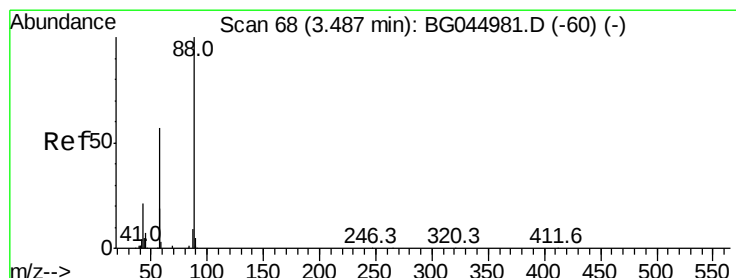
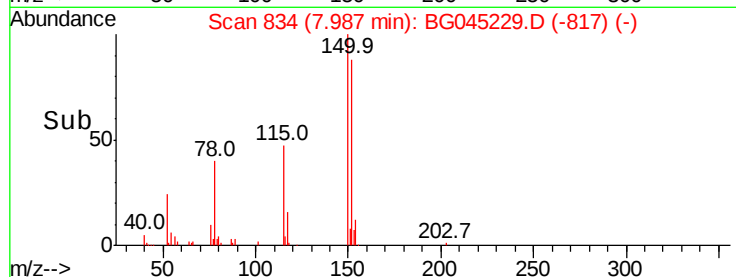
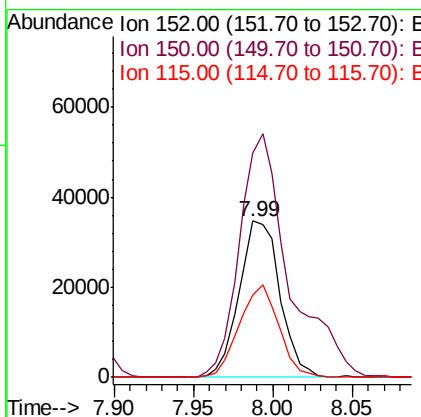
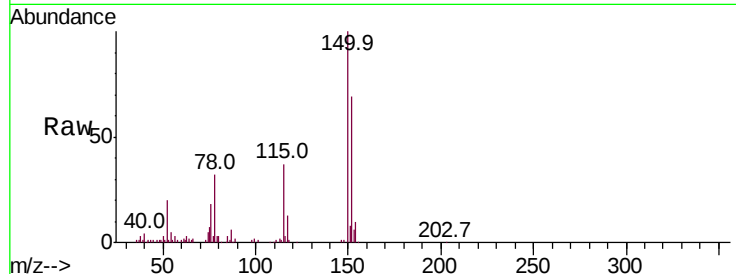
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	123.6	185.4
115	52.9	49.1	73.7

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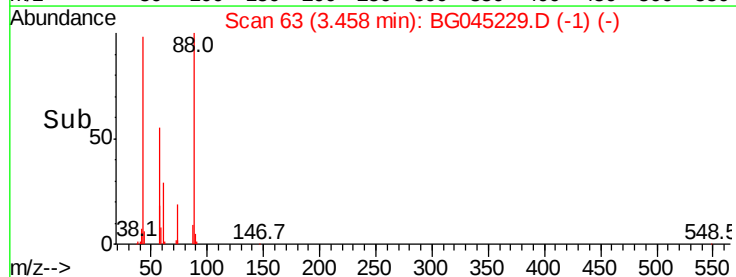
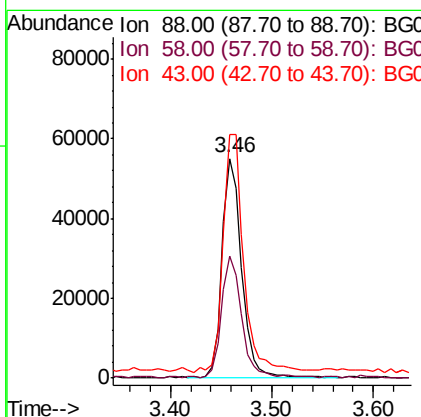
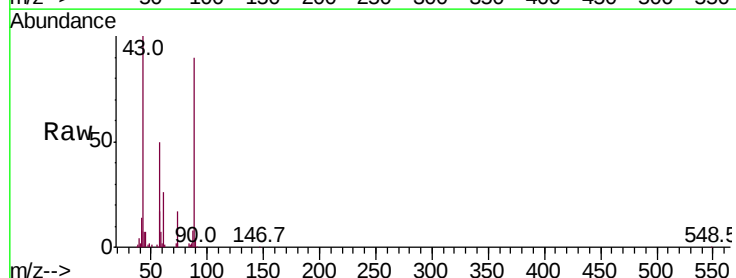
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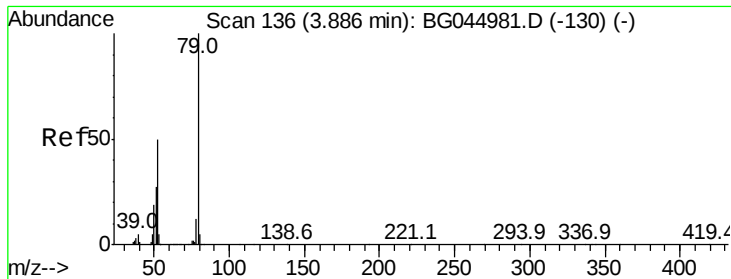


#2

1,4-Dioxane
Concen: 44.792 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.9	46.6	69.8
43	112.4	17.5	26.3





#3

Pvridine

Concen: 19.658 ng

RT: 3.86 min Scan# 132

Delta R.T. 0.02 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

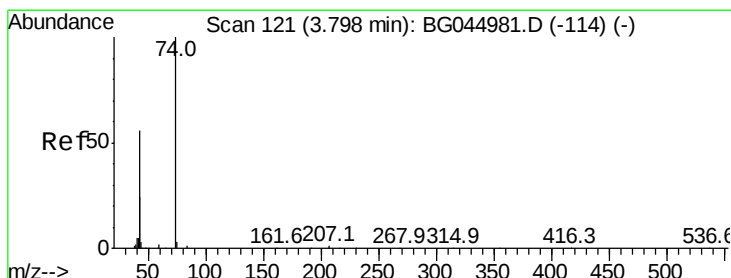
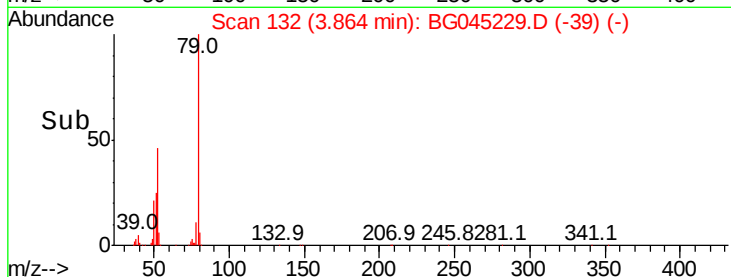
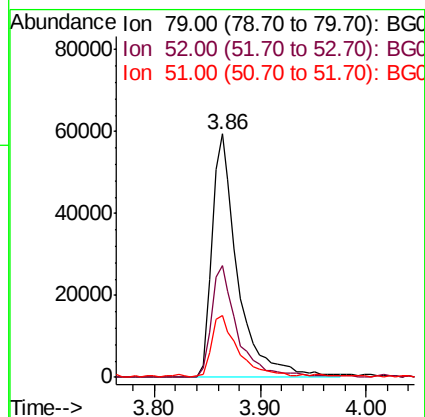
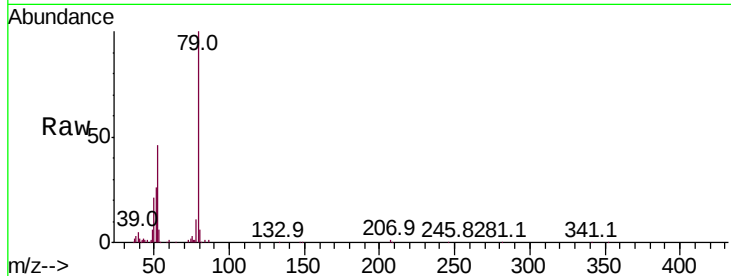
ClientSampleId :

SU-03-043020MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	45.8	39.8	59.6		
51	25.6	21.4	32.2		

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#4

n-Nitrosodimethylamine

Concen: 47.610 ng

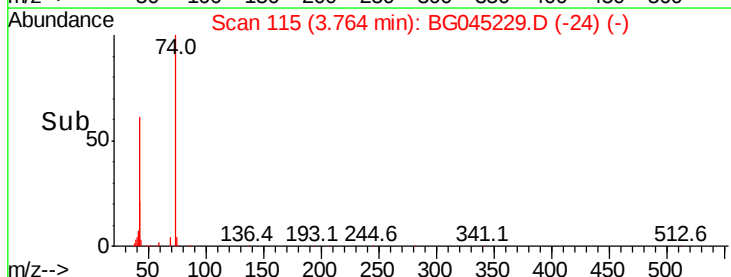
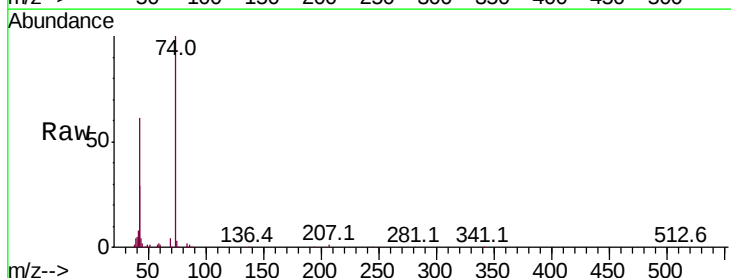
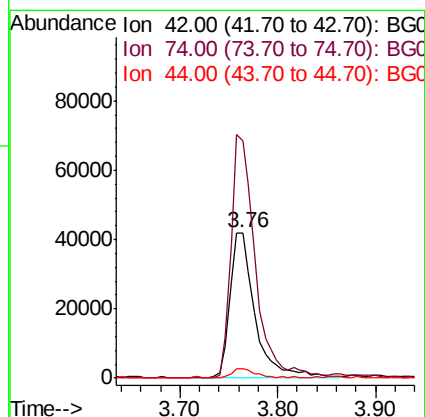
RT: 3.76 min Scan# 115

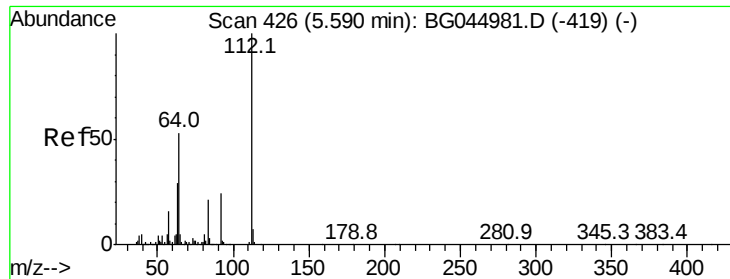
Delta R.T. 0.01 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	163.0	143.0	214.6		
44	6.7	4.6	6.8		





#5

2-Fluorophenol

Concen: 132.534 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

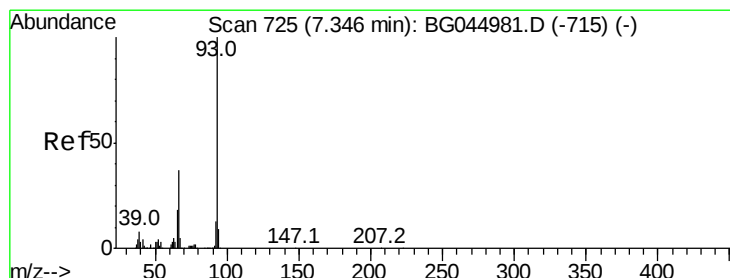
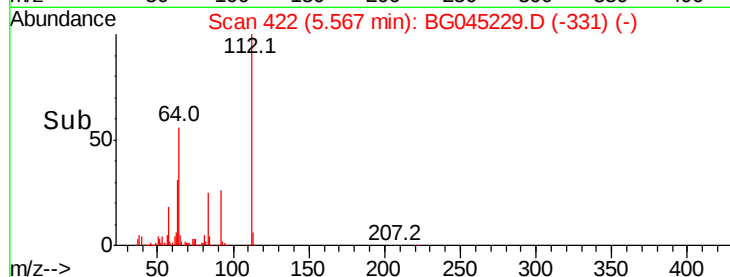
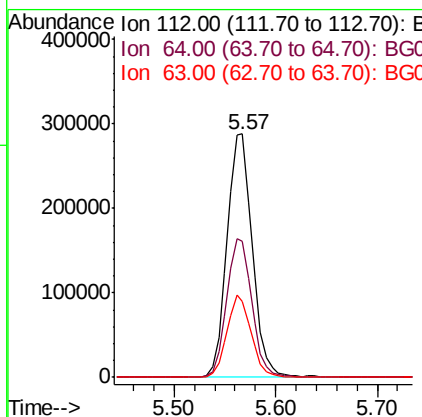
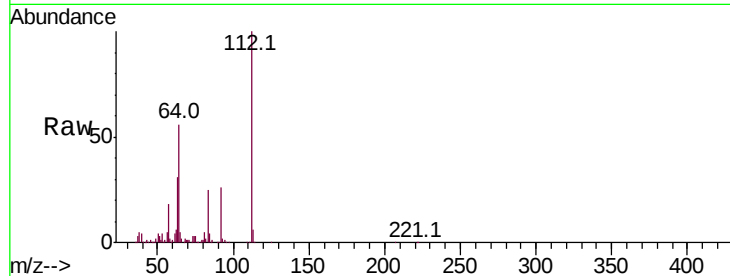
ClientSampleId :

SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	498322		
64	55.7	42.4	63.6	
63	31.2	23.1	34.7	

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#6

Aniline

Concen: 26.623 ng

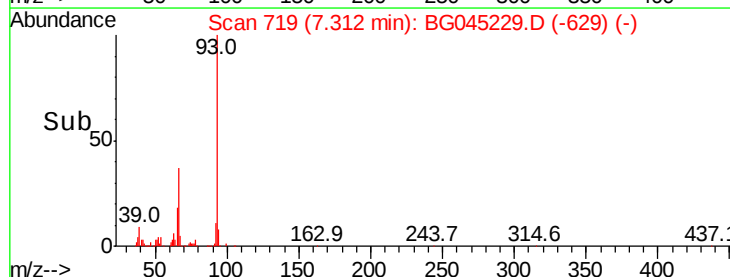
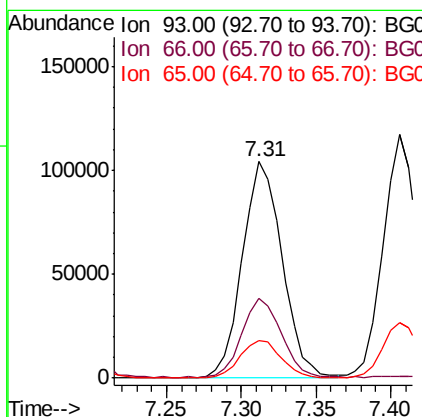
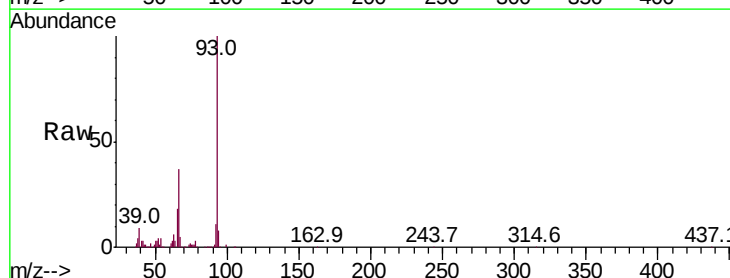
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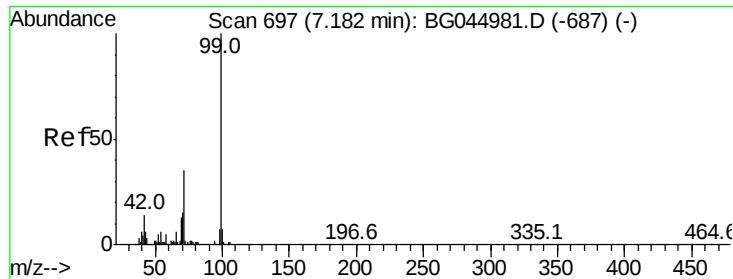
Delta R.T. 0.00 min

Lab File: BG045229.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	193370		
66	36.8	29.8	44.8	
65	17.5	14.6	22.0	





#7

Phenol-d6

Concen: 111.514 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

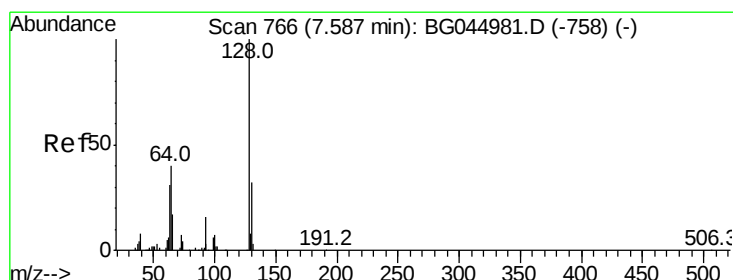
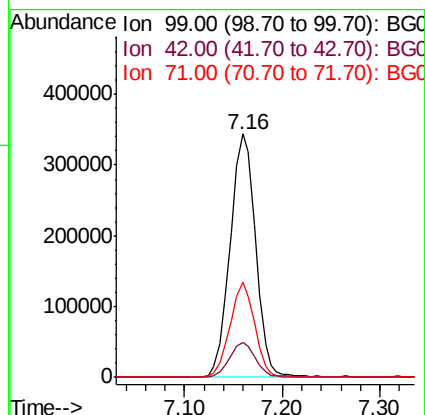
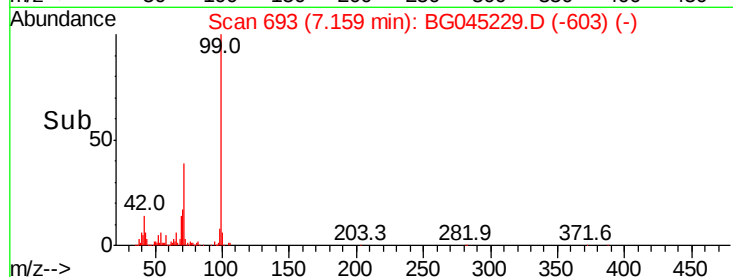
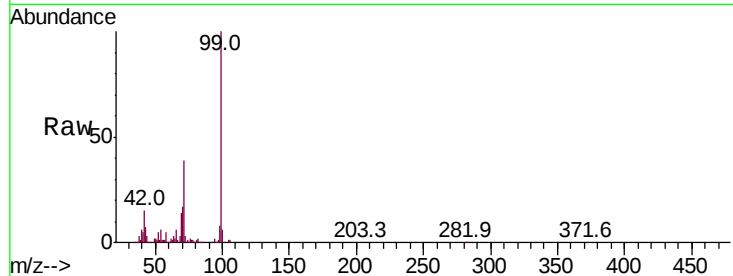
ClientSampleId :

SU-03-043020MSD

Tot Ion:	99	Resp:	622957
Ion Ratio	Lower	Upper	
99	100		
42	14.5	11.3	16.9
71	39.0	28.3	42.5

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#8

2-Chlorophenol

Concen: 48.375 ng

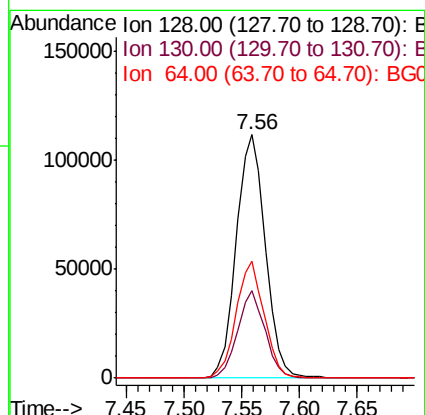
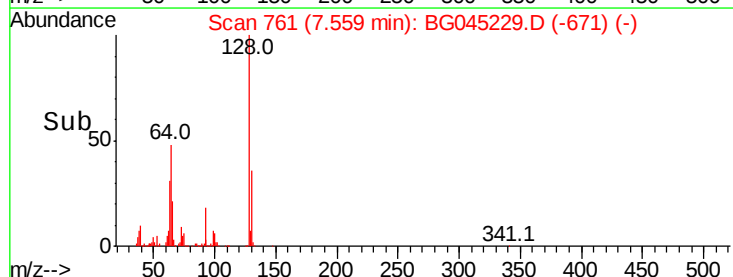
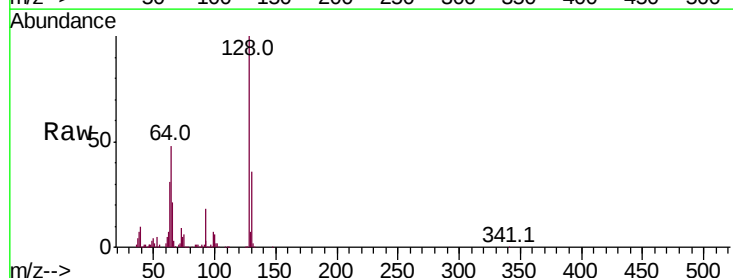
RT: 7.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion:	128	Resp:	195481
Ion Ratio	Lower	Upper	
128	100		
130	35.9	12.3	52.3
64	47.9	24.4	64.4





#9

Benzaldehyde

Concen: 53.253 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

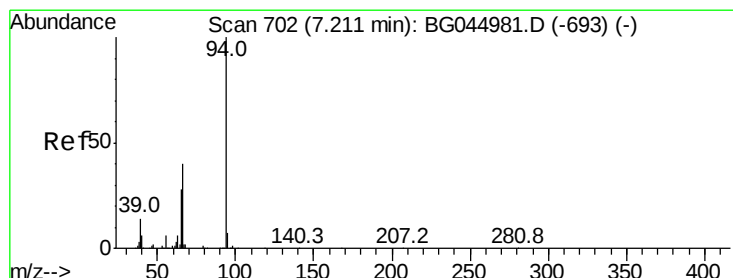
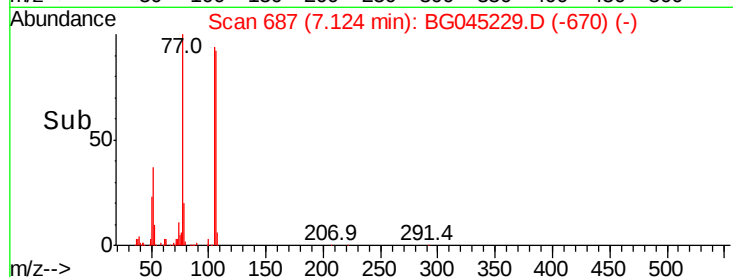
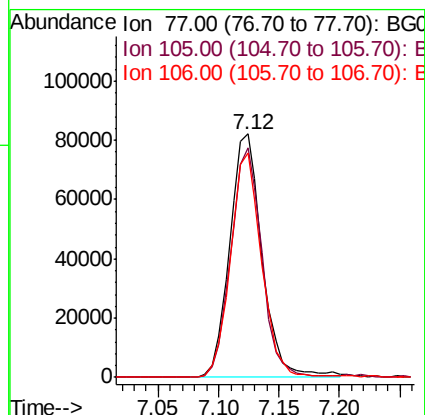
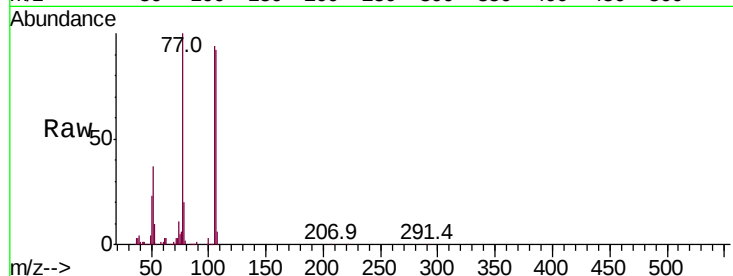
ClientSampleId :

SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.4	72.9	112.9
106	92.3	67.6	107.6

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#10

Phenol

Concen: 39.944 ng

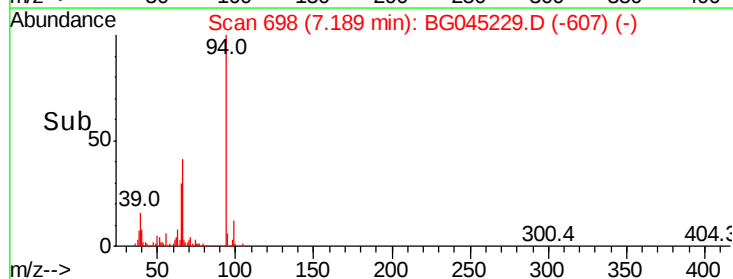
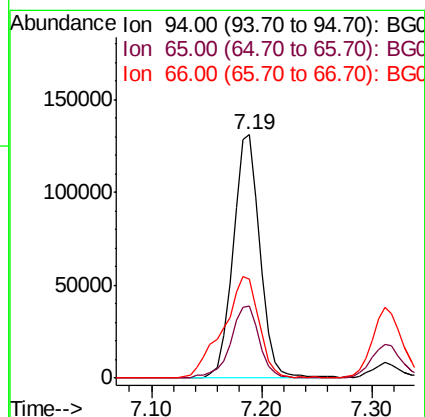
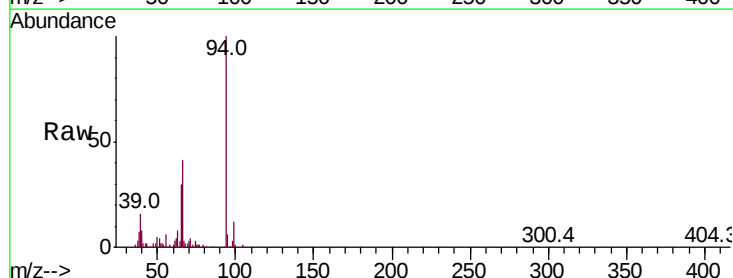
RT: 7.19 min Scan# 698

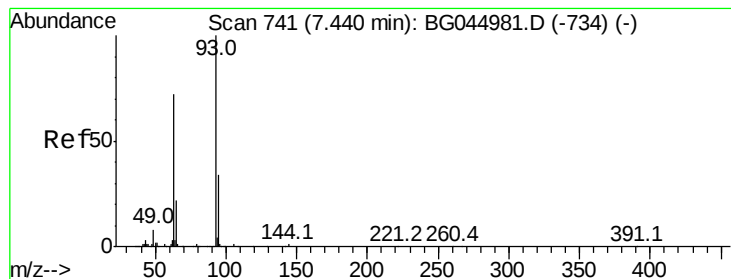
Delta R.T. 0.01 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	8.2	48.2
66	40.9	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 42.794 ng

RT: 7.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

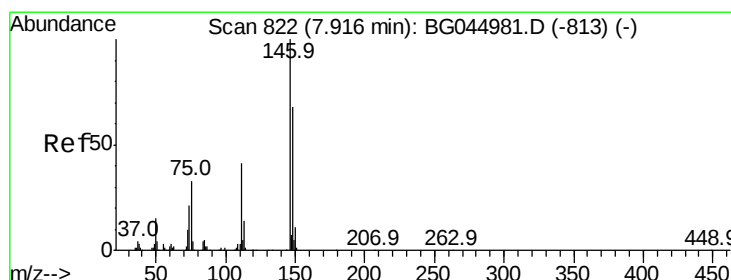
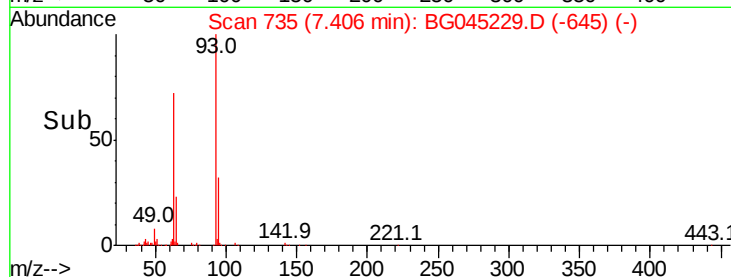
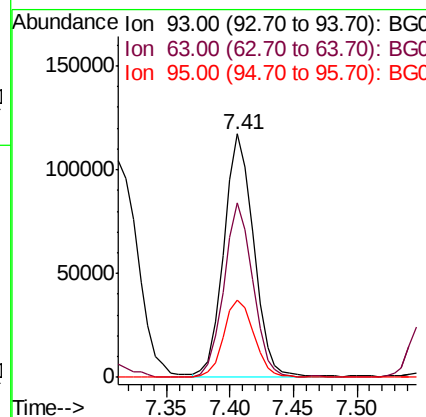
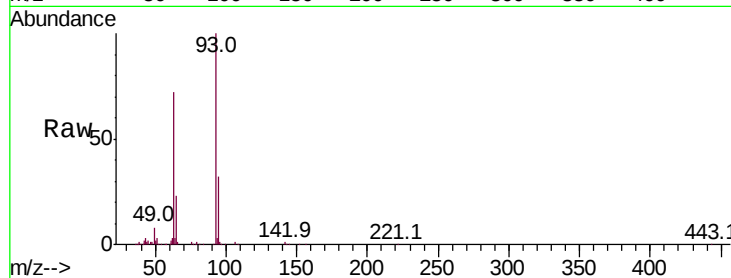
ClientSampleId :

SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	190466		
63	71.5	51.8	91.8	
95	31.8	13.8	53.8	

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#12

1,3-Dichlorobenzene

Concen: 41.831 ng

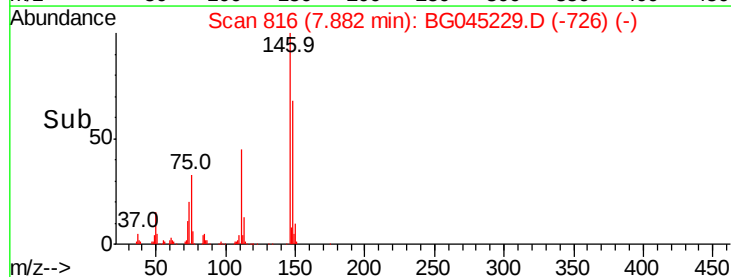
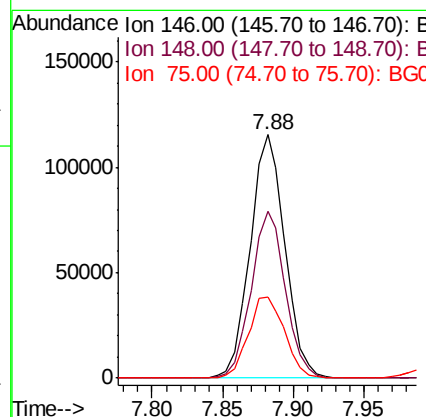
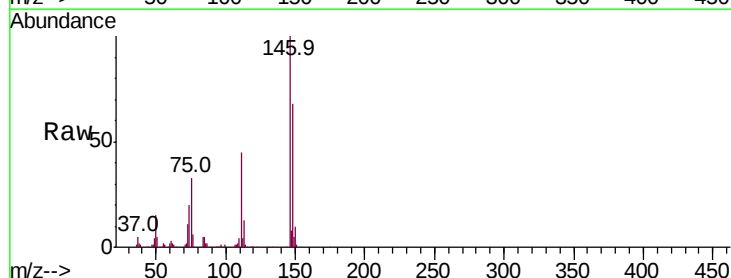
RT: 7.88 min Scan# 816

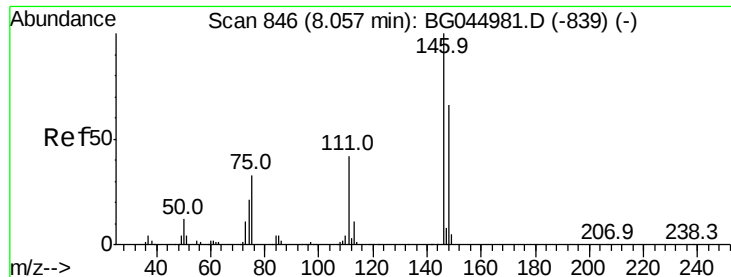
Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	199189		
148	68.5	54.6	81.8	
75	33.1	26.0	39.0	





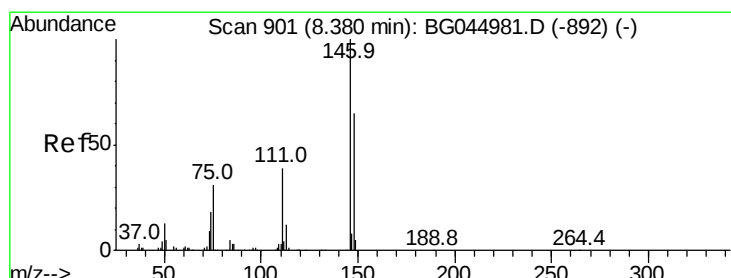
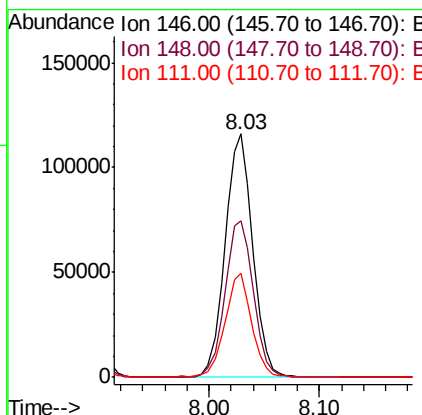
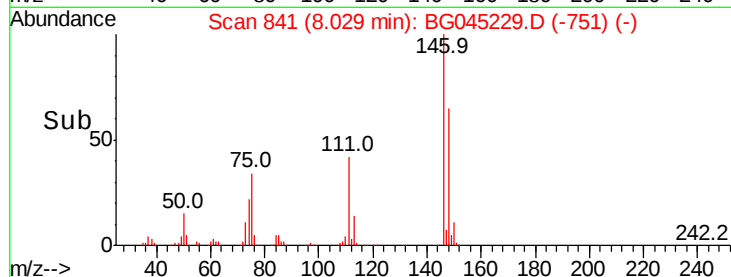
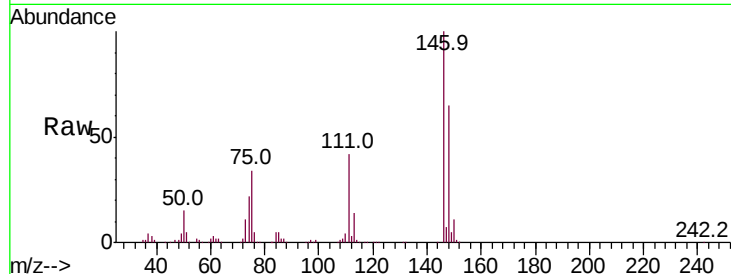
#13
1,4-Dichlorobenzene
Concen: 42.836 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.3	79.9
111	42.5	33.8	50.8

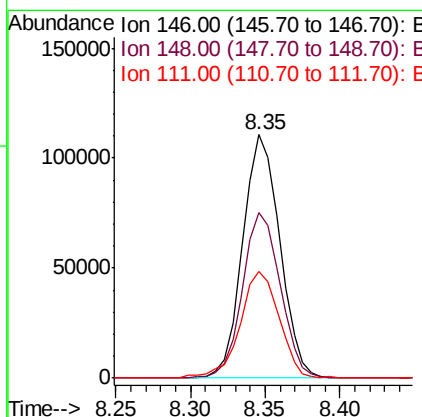
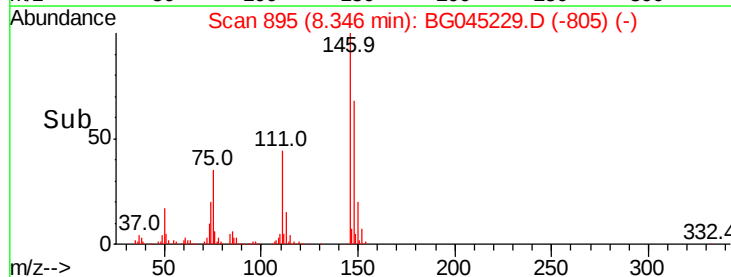
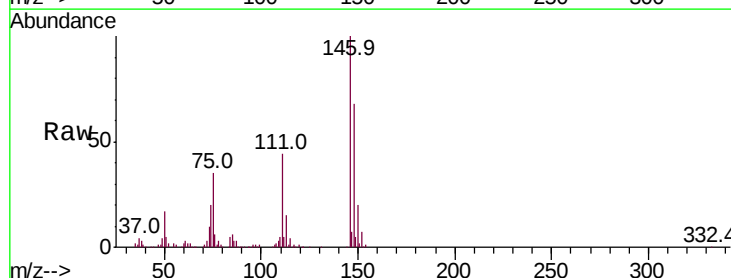
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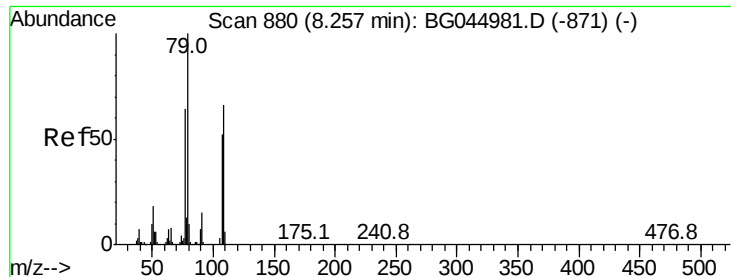
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#14
1,2-Dichlorobenzene
Concen: 41.973 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.7	51.9	77.9
111	43.6	31.3	46.9





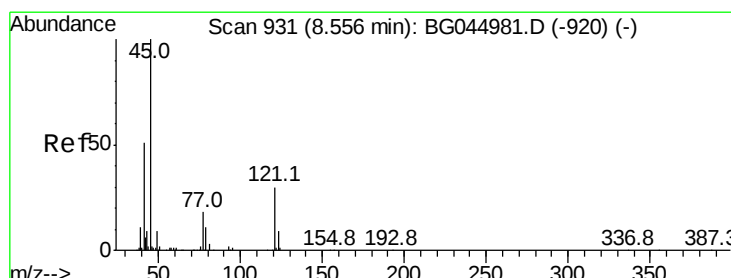
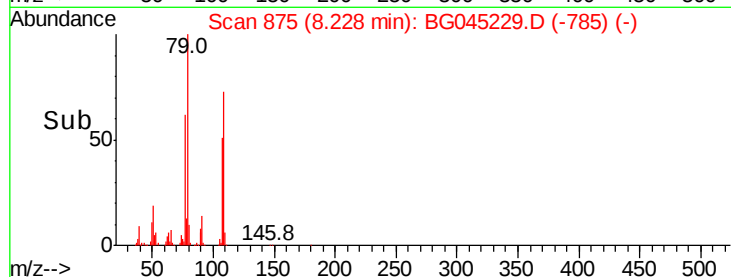
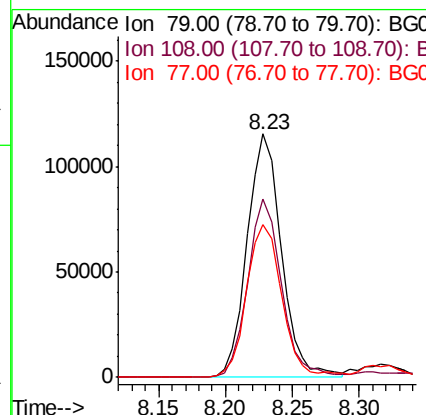
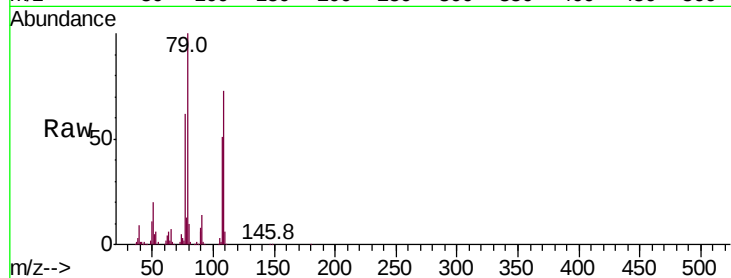
#15
Benzyl Alcohol
Concen: 43.719 ng
RT: 8.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.0	52.7	79.1
77	62.5	51.3	76.9

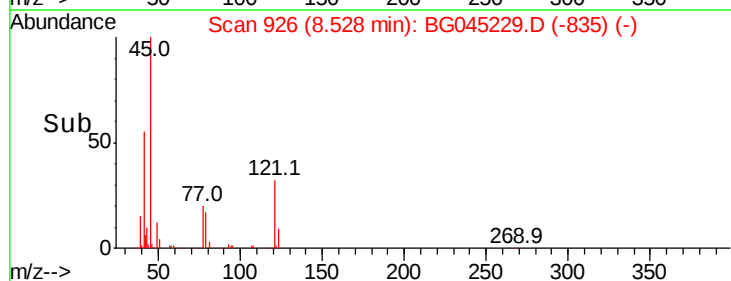
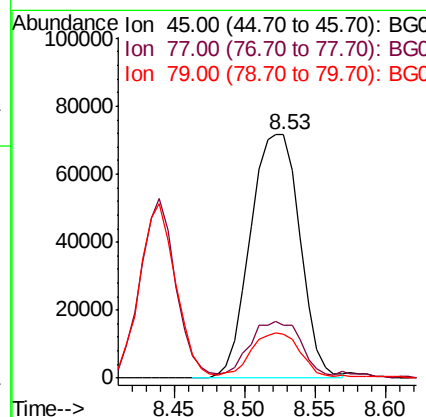
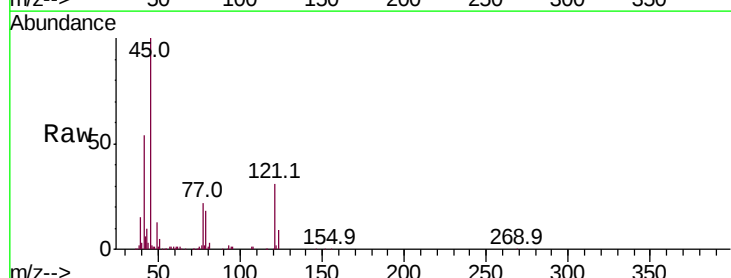
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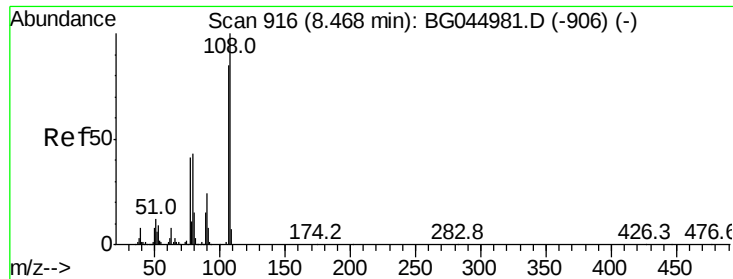
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.310 ng
RT: 8.53 min Scan# 926
Delta R.T. 0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.0	1.9	41.9
79	18.2	0.0	35.5





#17

2-Methylphenol

Concen: 40.813 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

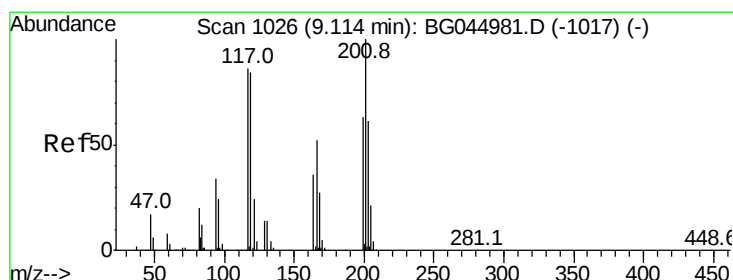
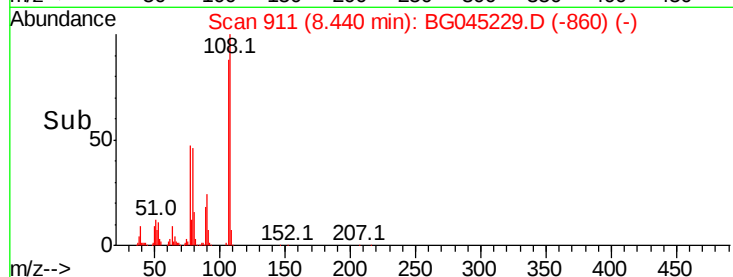
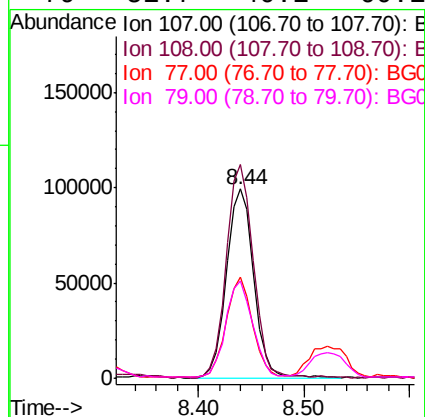
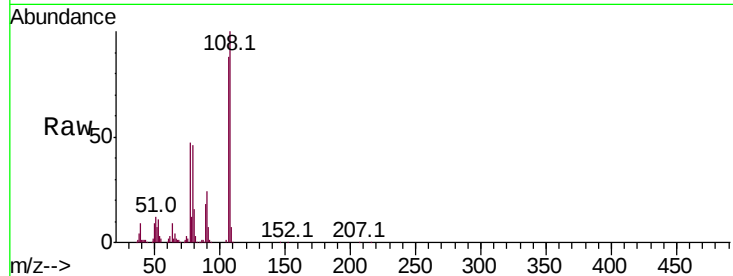
ClientSampleId :

SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	93.8	140.6	
77	53.3	38.5	57.7	
79	51.7	40.1	60.1	

Manual Integrations
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#18

Hexachloroethane

Concen: 43.086 ng

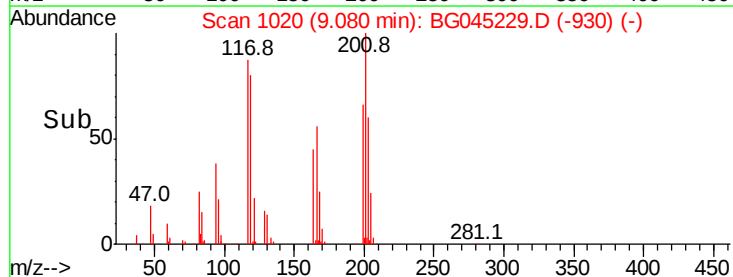
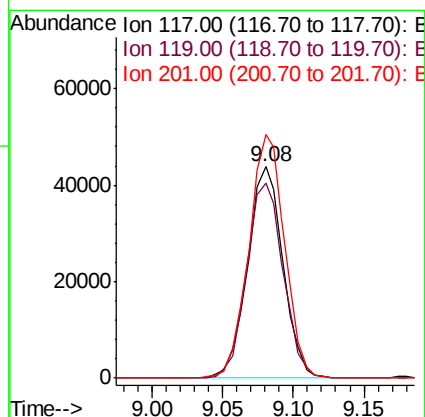
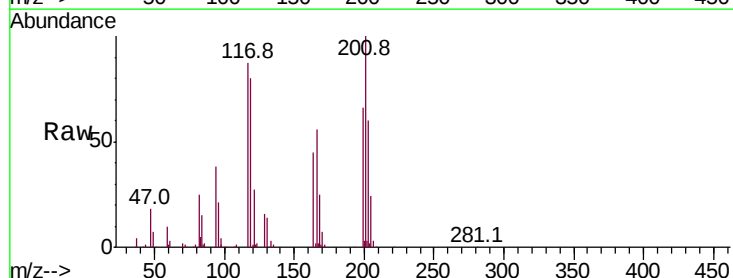
RT: 9.08 min Scan# 1020

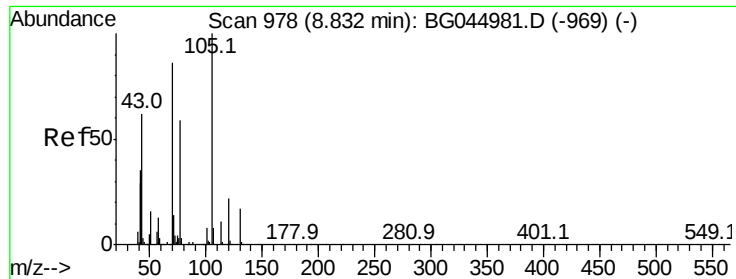
Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	78.3	117.5	
201	115.2	92.9	139.3	





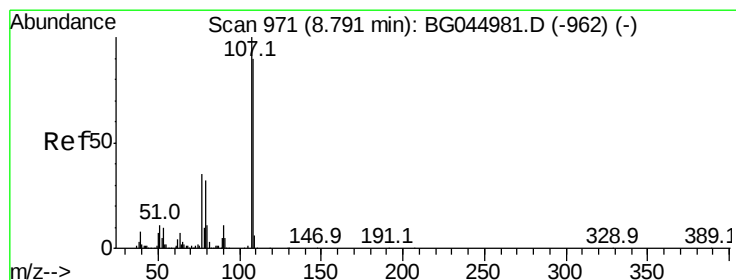
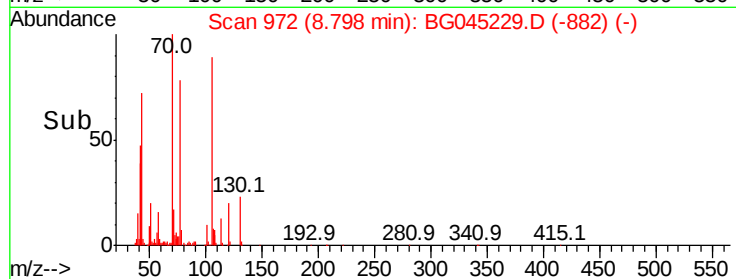
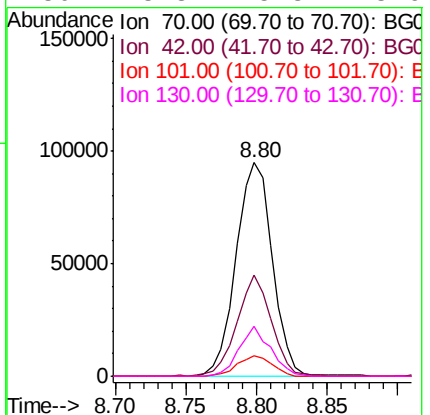
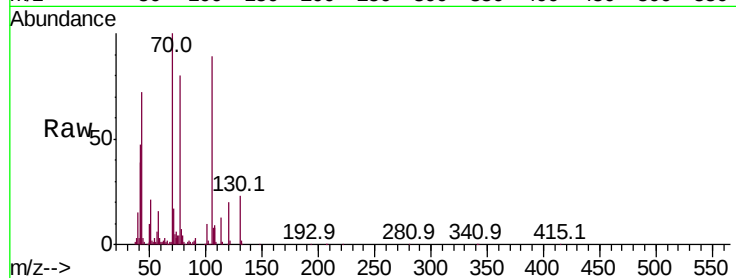
#19
n-Nitroso-di-n-propylamine
Concen: 43.085 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.1	33.3	49.9
101	9.6	7.8	11.8
130	23.3	15.8	23.6

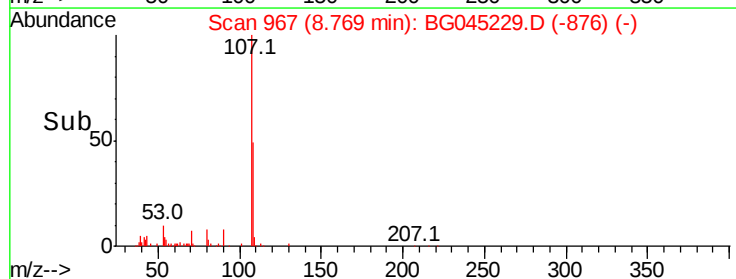
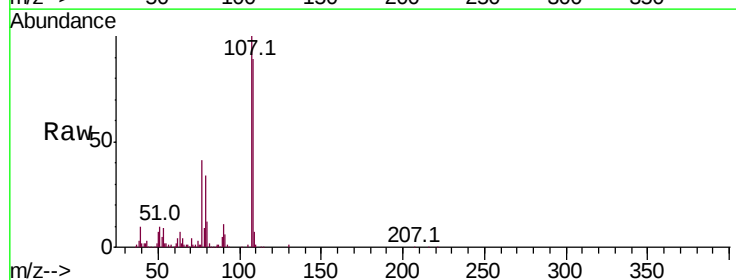
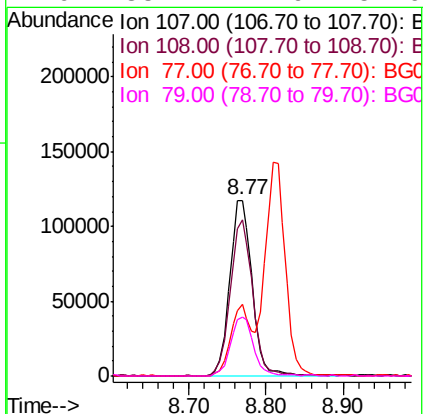
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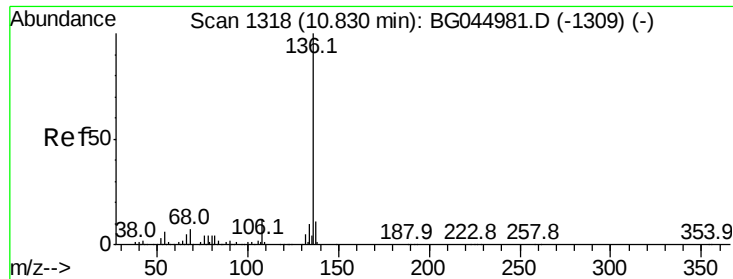
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#20
3+4-Methylphenols
Concen: 39.711 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.9	109.9
77	40.7	15.2	55.2
79	33.7	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

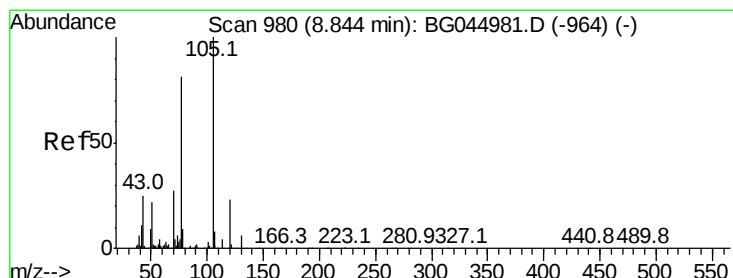
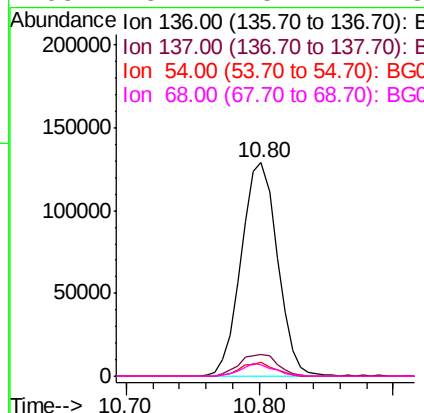
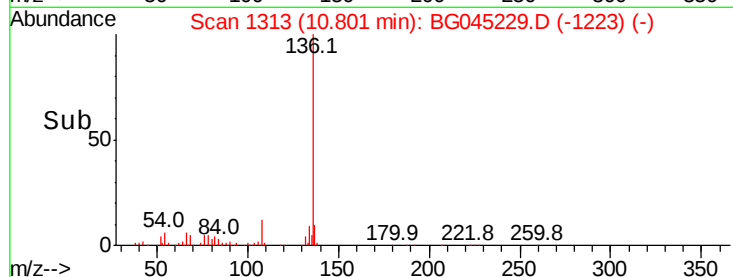
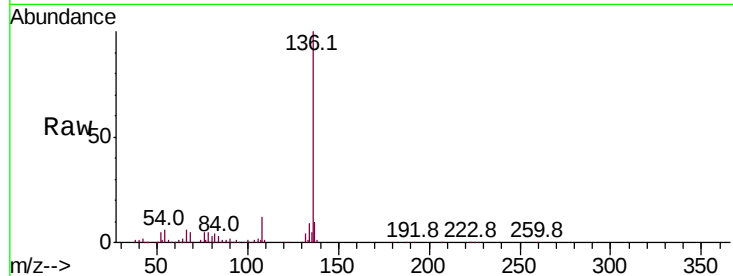
ClientSampleId :

SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.6	13.0	
54	6.4	4.8	7.2	
68	5.1	5.2	7.8	

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#22

Acetophenone

Concen: 48.435 ng

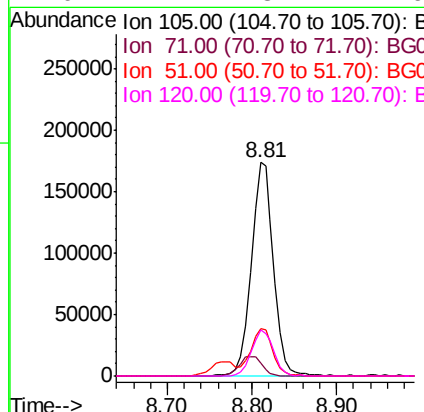
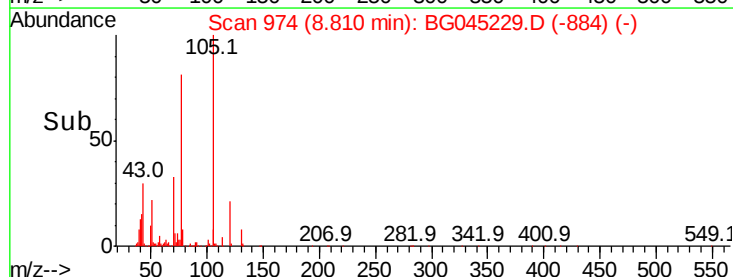
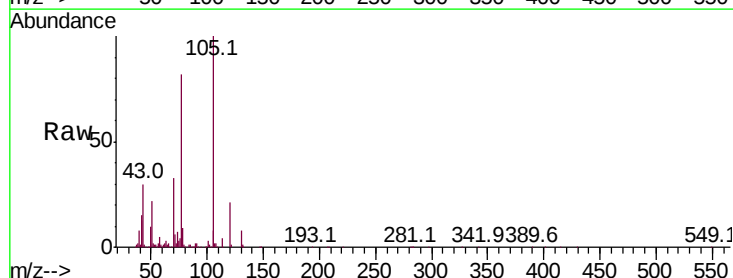
RT: 8.81 min Scan# 974

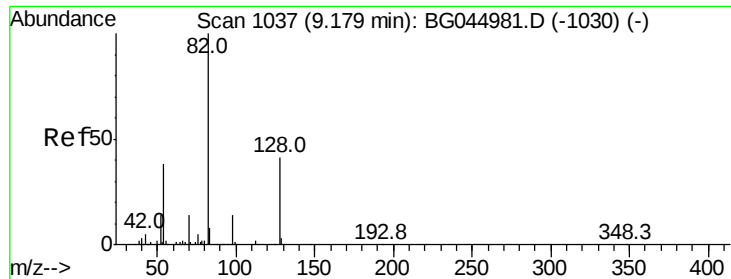
Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.0	3.3	4.9	
51	22.0	17.3	25.9	
120	21.4	18.4	27.6	





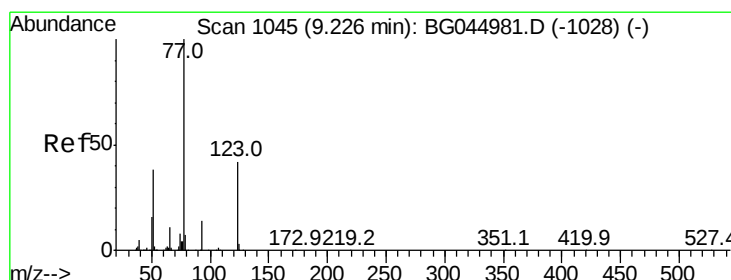
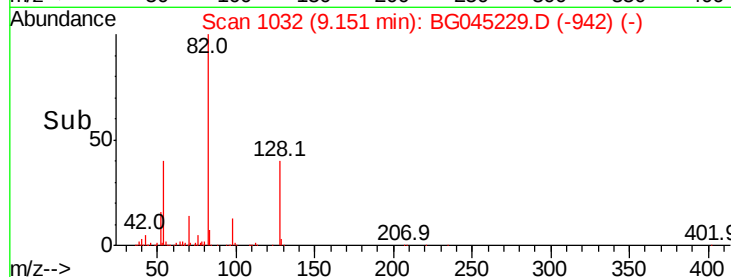
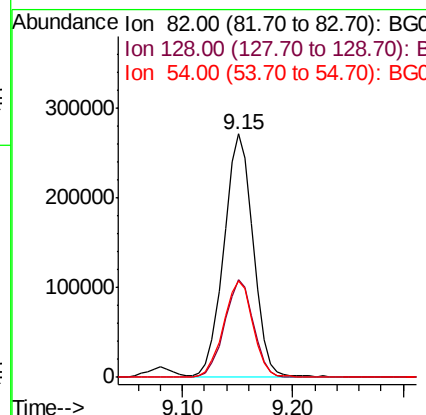
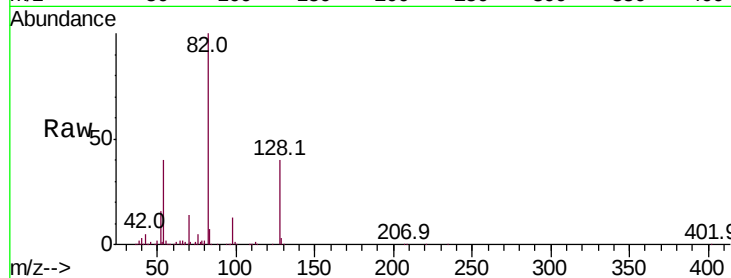
#23
Nitrobenzene-d5
Concen: 93.751 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.1	33.0	49.4	
54	39.8	30.4	45.6	

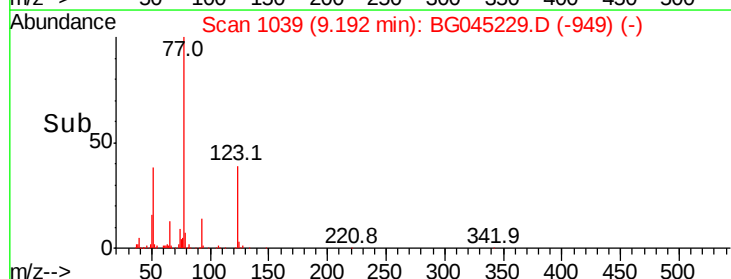
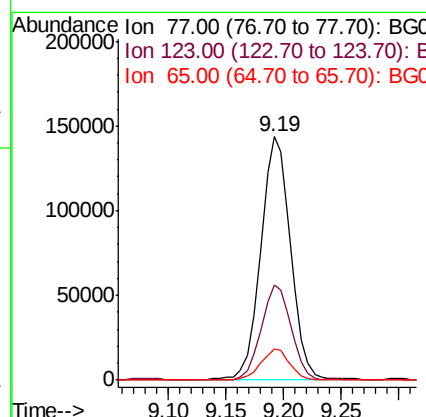
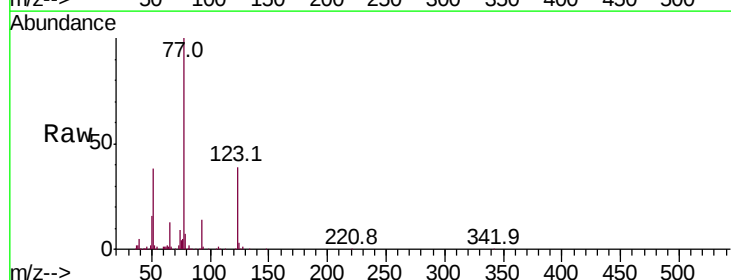
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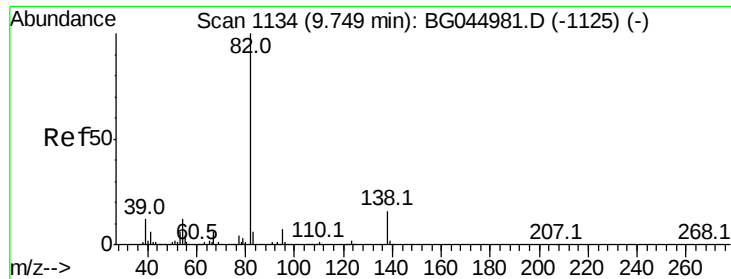
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#24
Nitrobenzene
Concen: 47.336 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.0	34.3	51.5	
65	13.0	8.9	13.3	





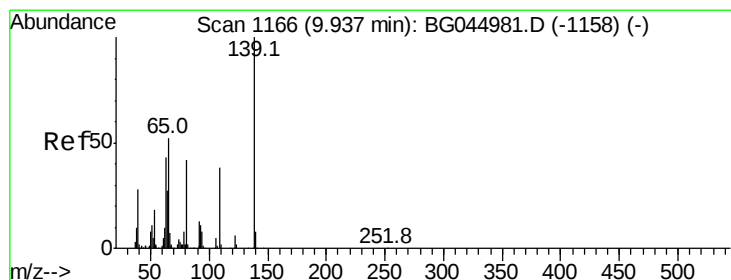
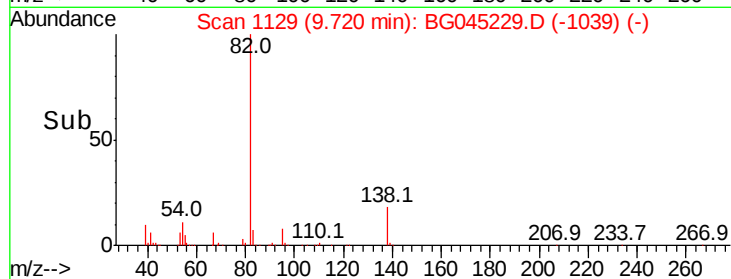
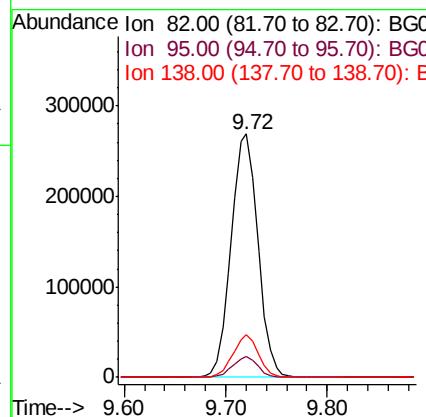
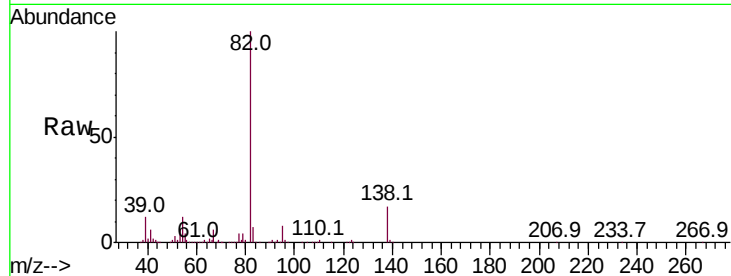
#25
Isophorone
Concen: 45.406 ng
RT: 9.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	6.0	9.0	
138	17.4	12.7	19.1	

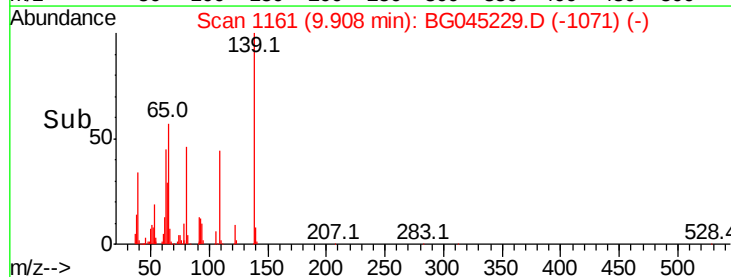
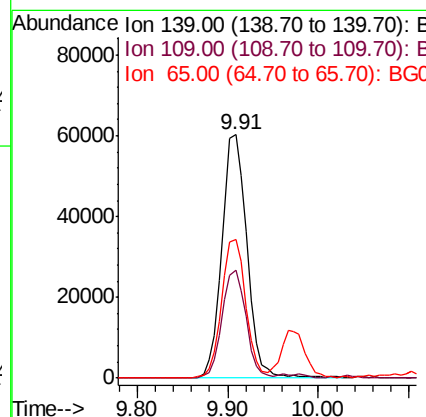
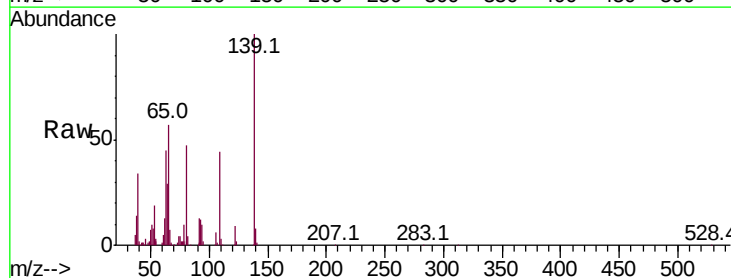
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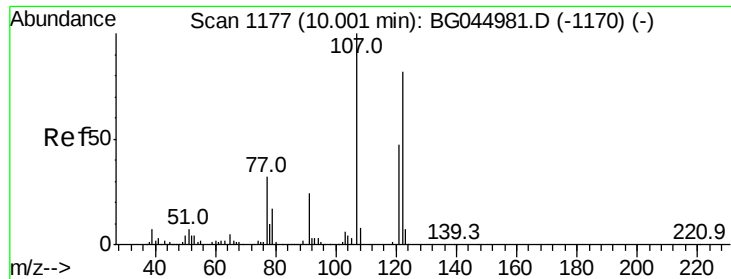
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#26
2-Nitrophenol
Concen: 49.372 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	44.2	30.6	45.8	
65	56.9	41.8	62.6	





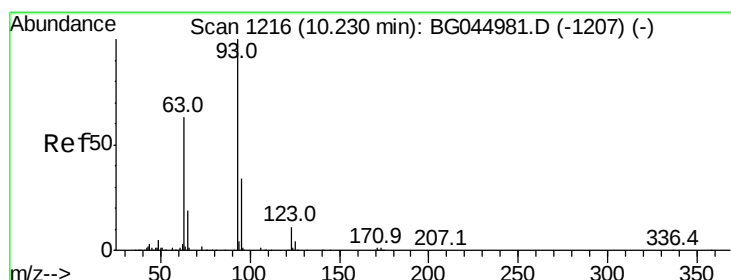
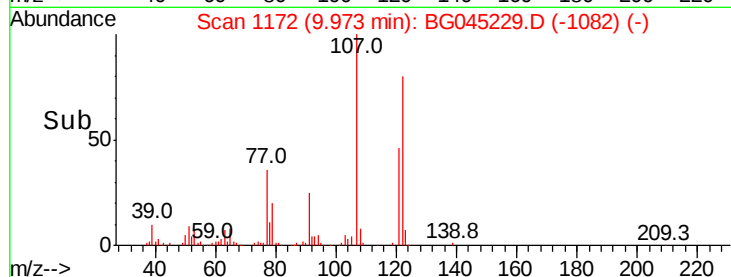
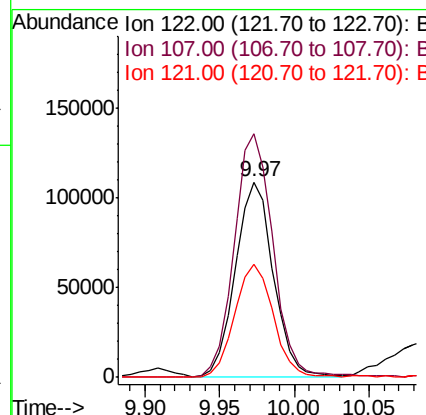
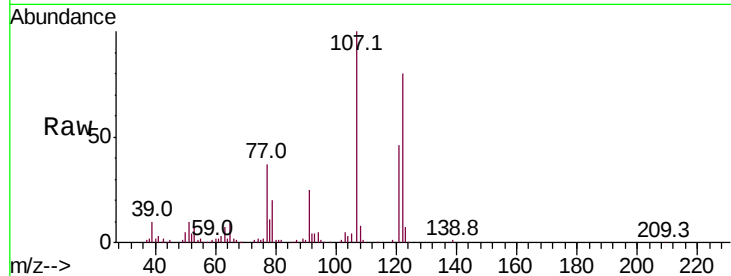
#27
2,4-Dimethylphenol
Concen: 51.447 ng
RT: 9.97 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	191482		
107	124.7	96.8	145.2	
121	57.7	45.6	68.4	

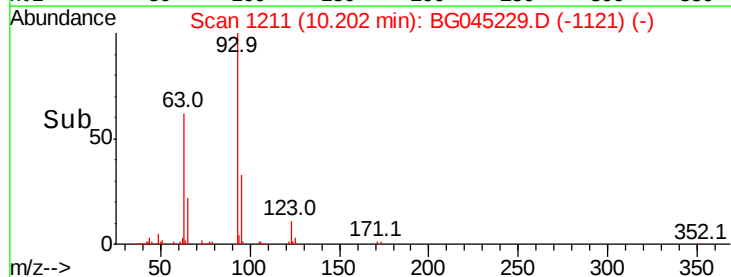
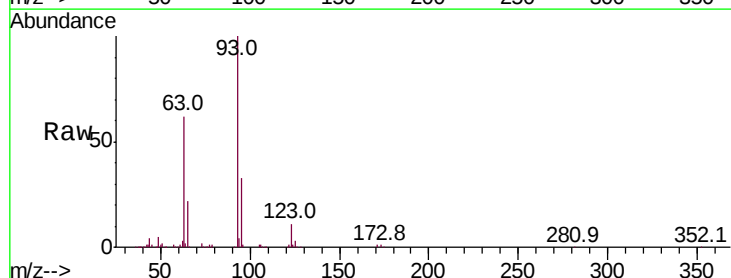
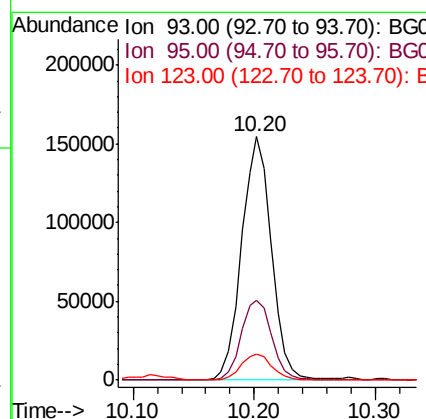
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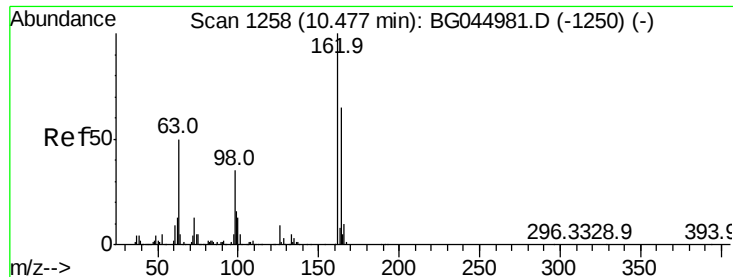
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#28
bis(2-Chloroethoxy)methane
Concen: 46.537 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	266016		
95	33.0	27.0	40.4	
123	10.9	8.7	13.1	





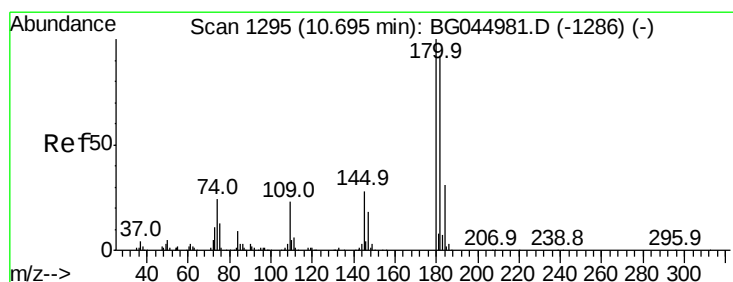
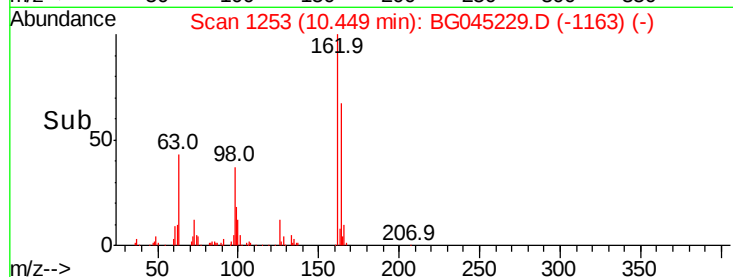
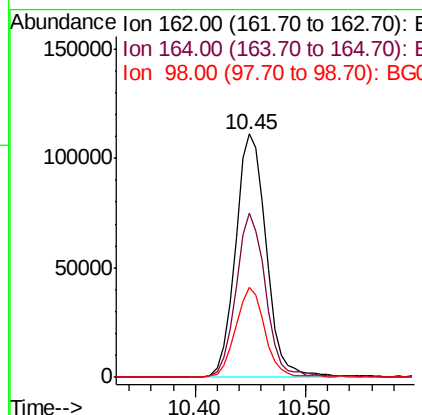
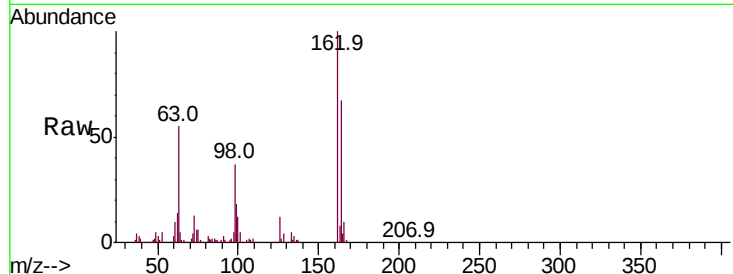
#29
2,4-Dichlorophenol
Concen: 50.496 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.5	45.0	85.0
98	37.2	15.2	55.2

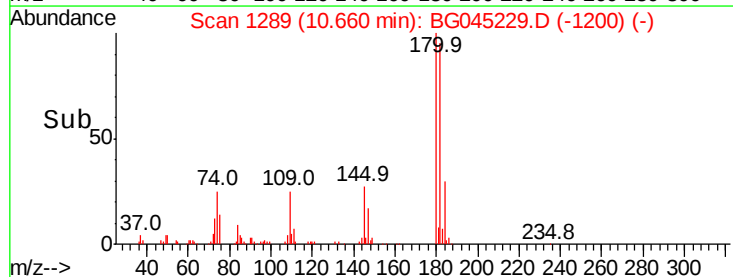
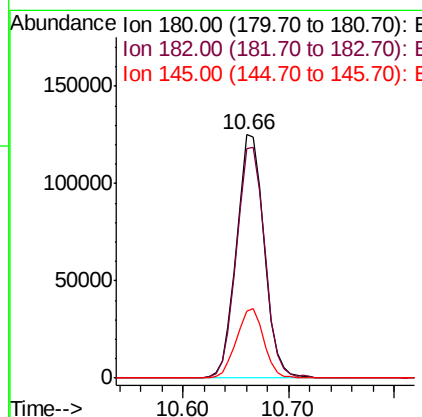
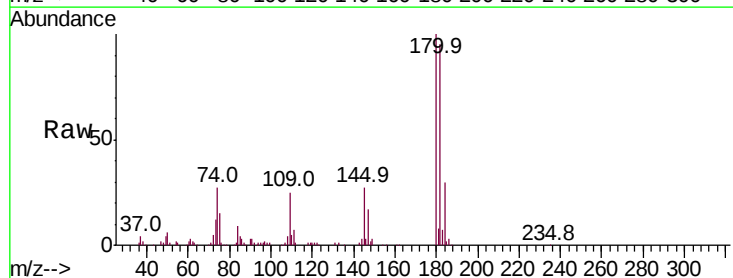
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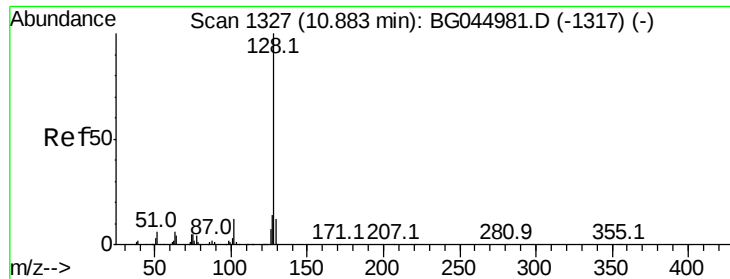
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#30
1,2,4-Trichlorobenzene
Concen: 46.569 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	73.3	109.9
145	27.4	22.6	33.8





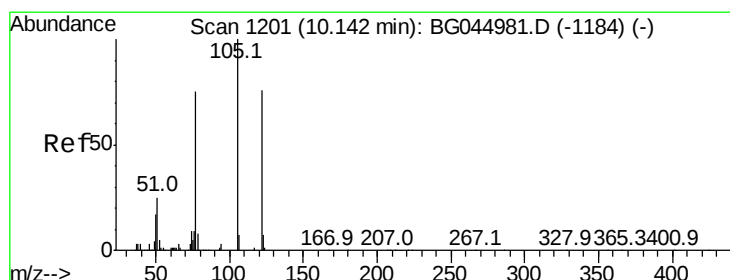
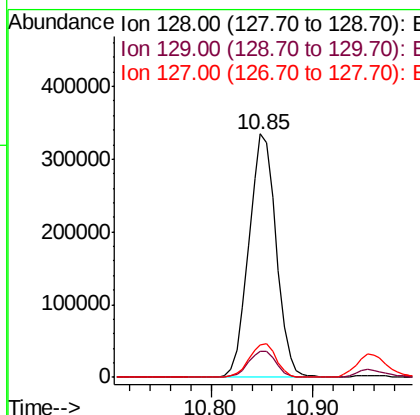
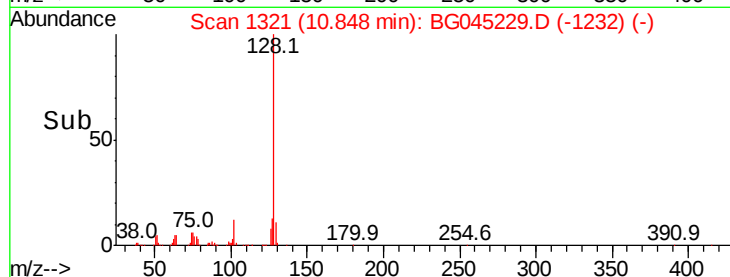
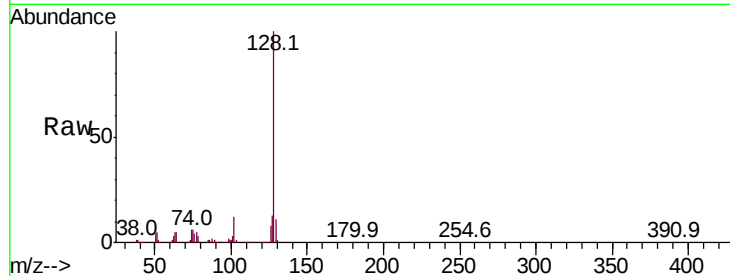
#31
Naphthalene
Concen: 47.126 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.4	10.8	16.2

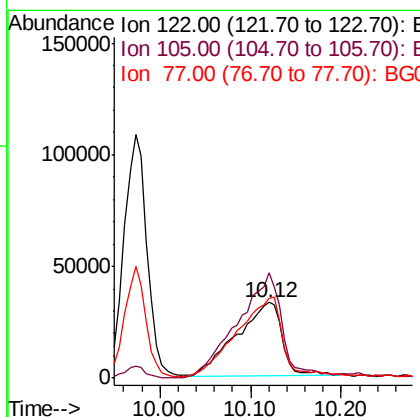
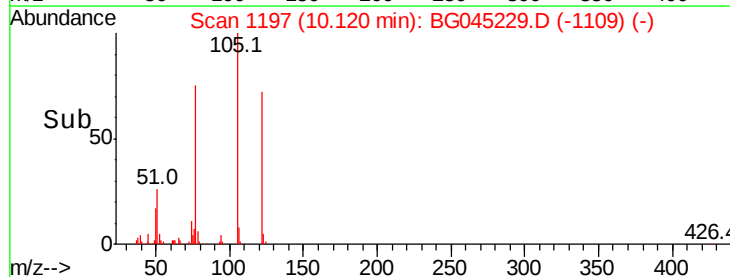
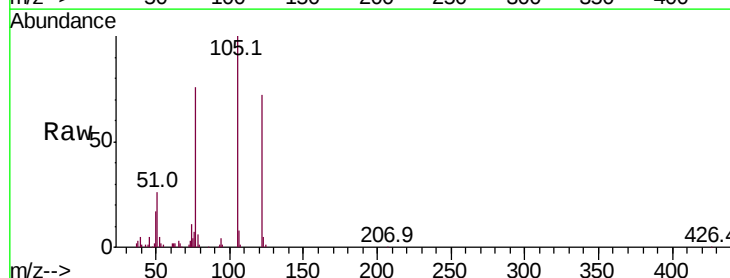
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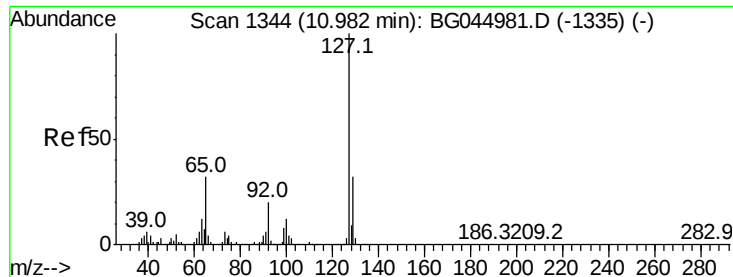
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#32
Benzoic acid
Concen: 40.077 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.3	108.4	148.4
77	106.1	78.8	118.8





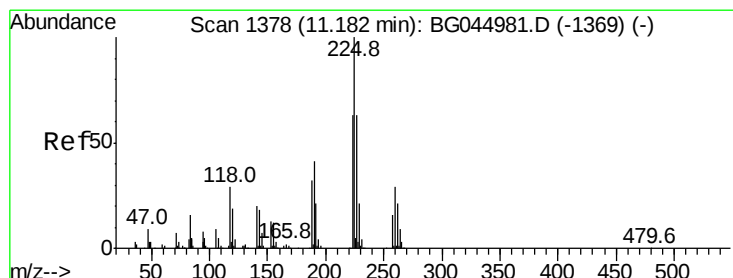
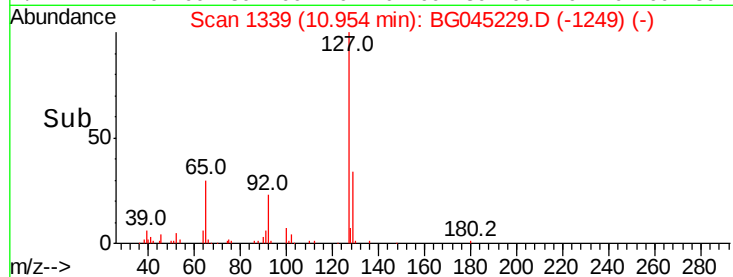
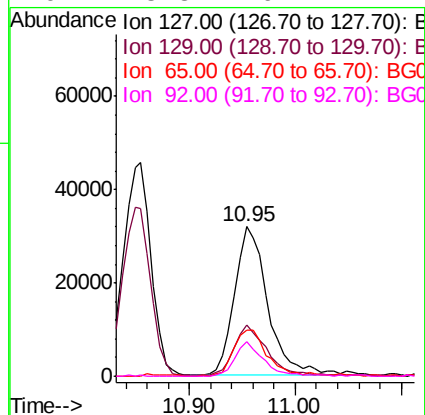
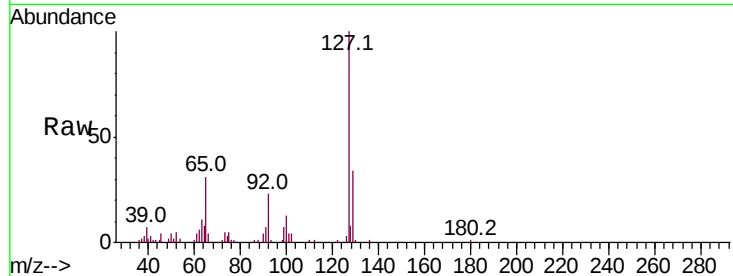
#33
4-Chloroaniline
Concen: 11.265 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.5	25.7	38.5	
65	31.2	25.4	38.2	
92	23.3	16.1	24.1	

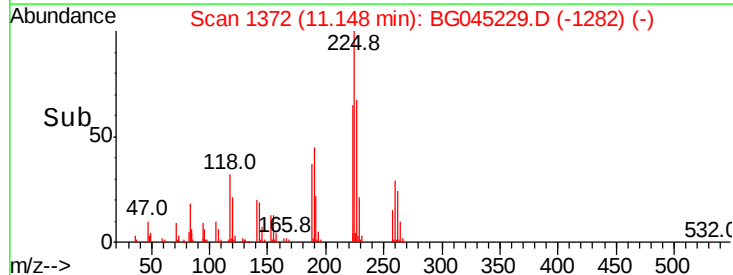
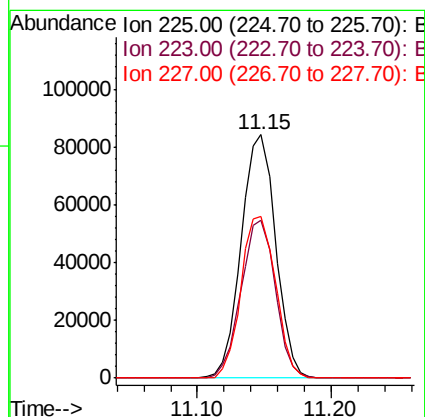
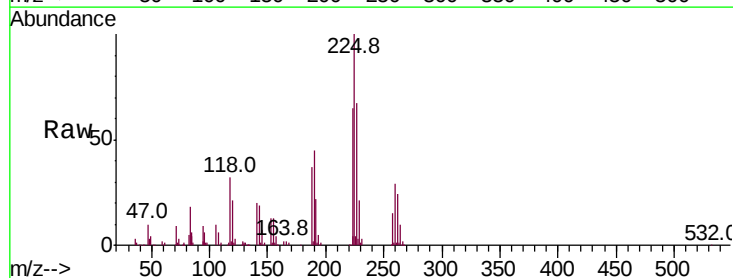
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#34
Hexachlorobutadiene
Concen: 45.101 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	50.7	76.1	
227	66.7	50.2	75.2	





#35

Caprolactam

Concen: 31.301 ng/mL

RT: 11.72 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

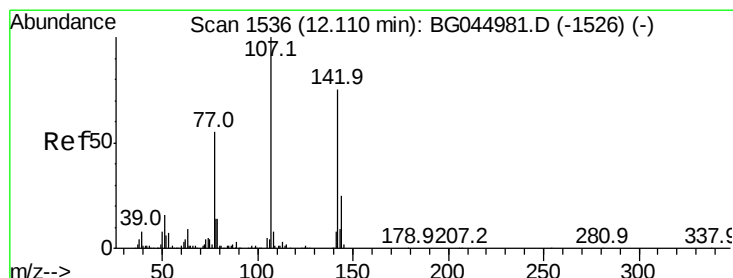
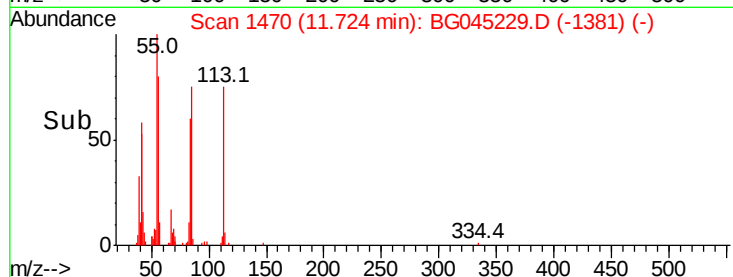
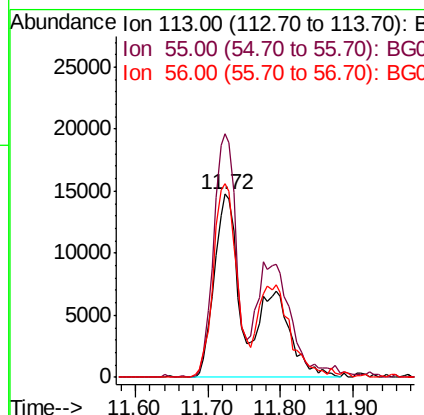
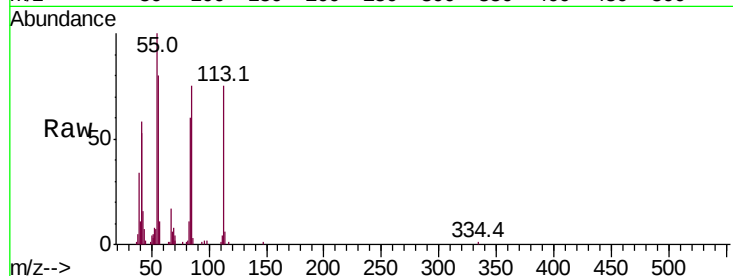
ClientSampleId :

SU-03-043020MSD

Tot Ion:	113	Resp:	53539
Ion Ratio	Lower	Upper	
113	100		
55	133.0	118.8	158.8
56	105.9	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 49.838 ng/mL

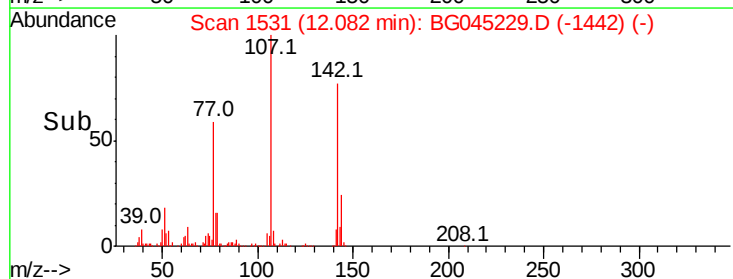
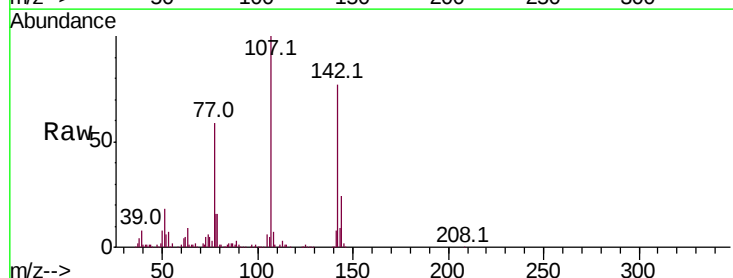
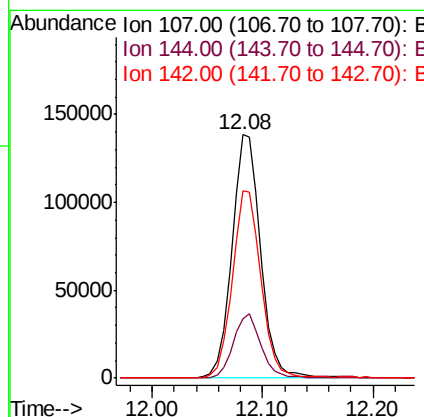
RT: 12.08 min Scan# 1531

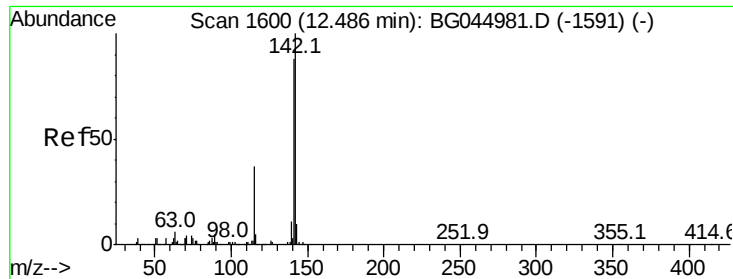
Delta R.T. -0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion:	107	Resp:	251612
Ion Ratio	Lower	Upper	
107	100		
144	24.1	19.8	29.6
142	76.7	59.7	89.5





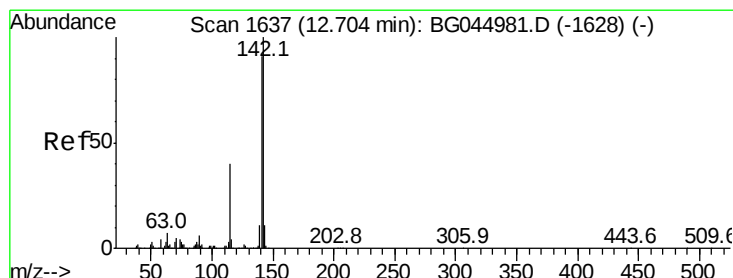
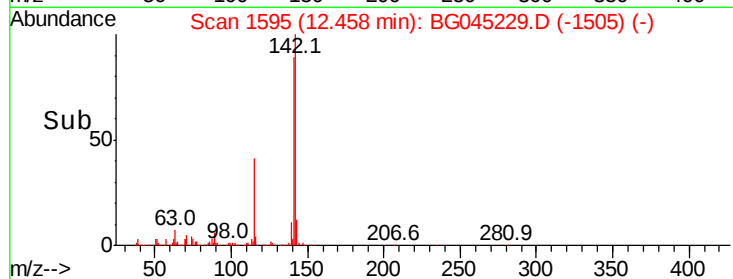
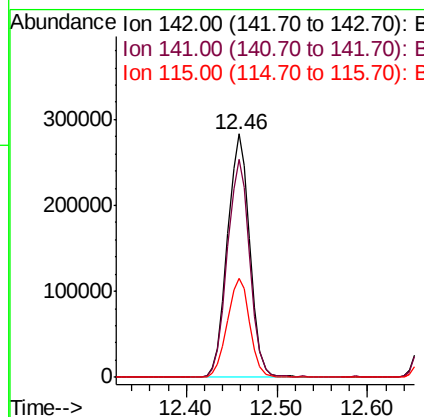
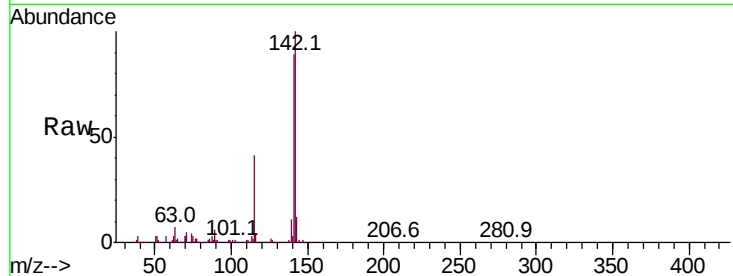
#37
2-Methylnaphthalene
Concen: 47.156 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	40.8	29.8	44.6

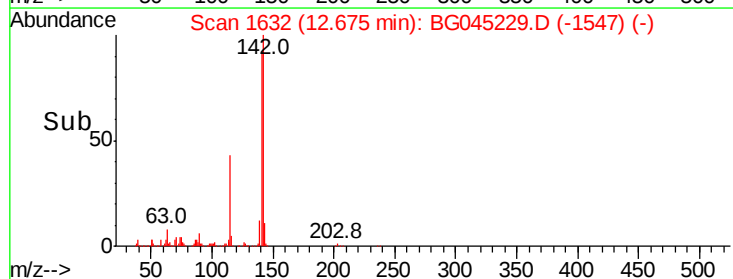
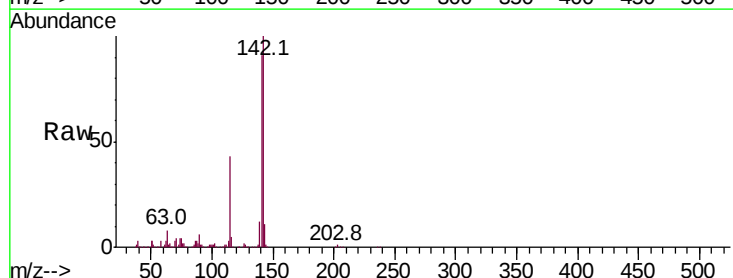
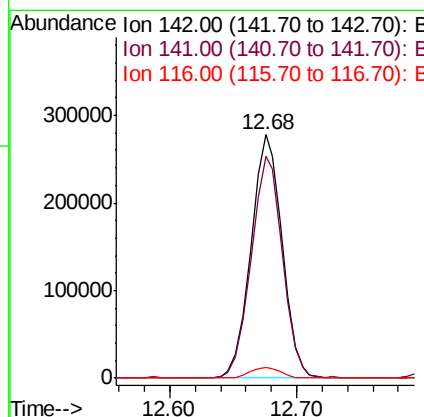
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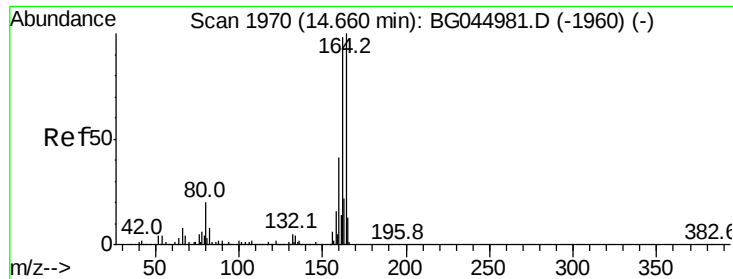
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#38
1-Methylnaphthalene
Concen: 48.574 ng
RT: 12.68 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.7	109.1
116	4.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

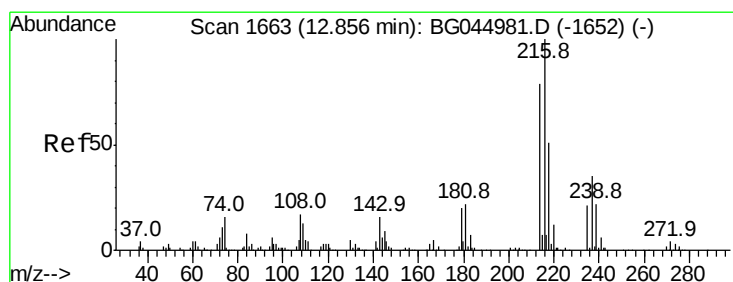
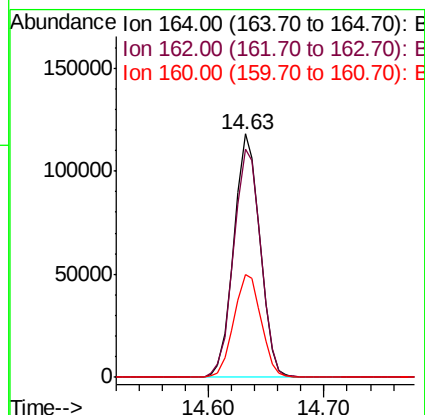
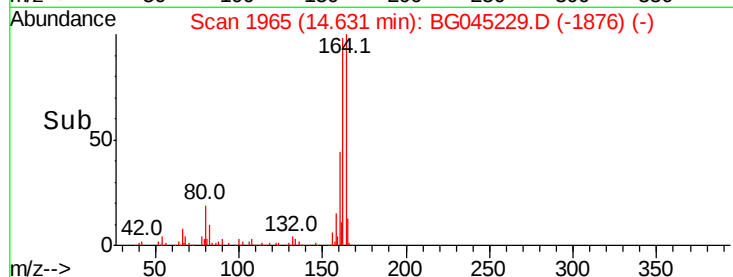
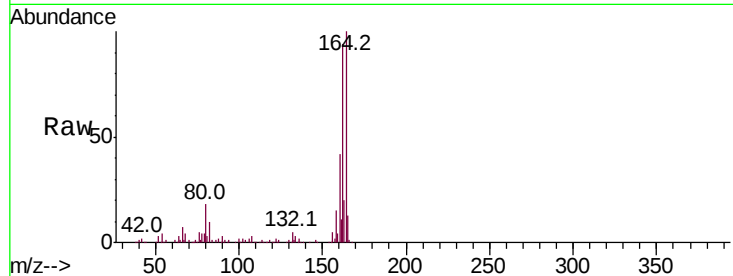
ClientSampleId :

SU-03-043020MSD

Tot Ion:	164	Resp:	185106
Ion Ratio	Lower	Upper	
164	100		
162	93.9	78.7	118.1
160	42.2	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.751 ng

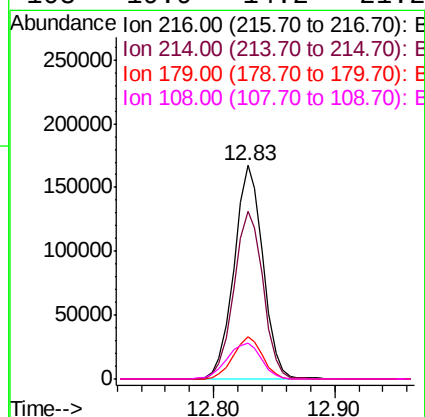
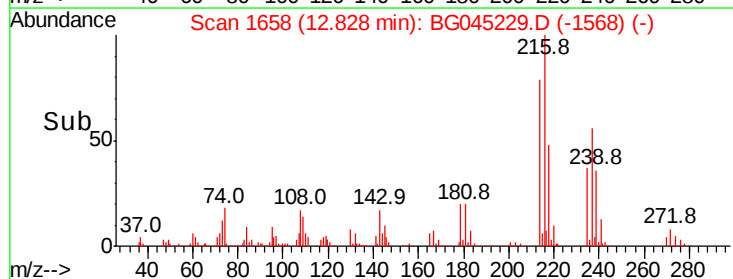
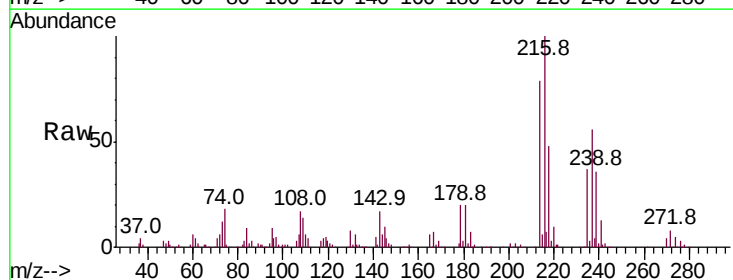
RT: 12.83 min Scan# 1658

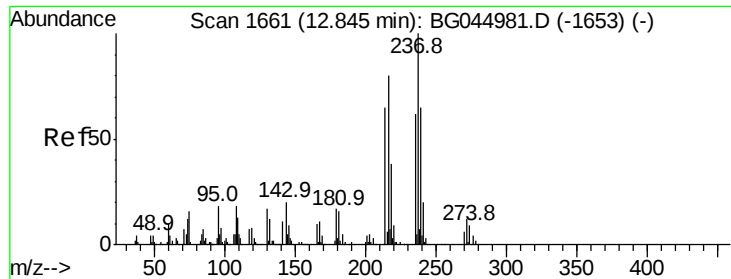
Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion:	216	Resp:	278635
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.0	94.6
179	20.0	15.8	23.8
108	19.9	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 102.324 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

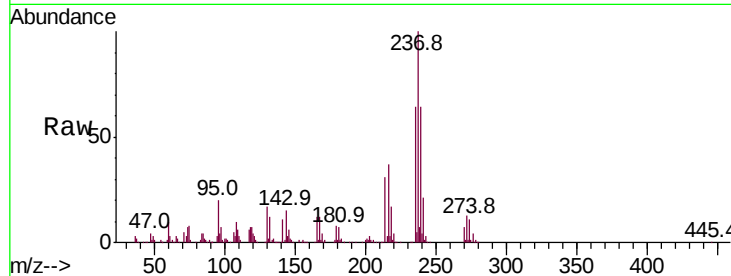
ClientSampleId :

SU-03-043020MSD

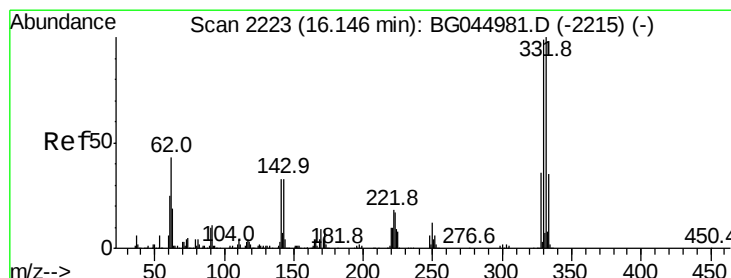
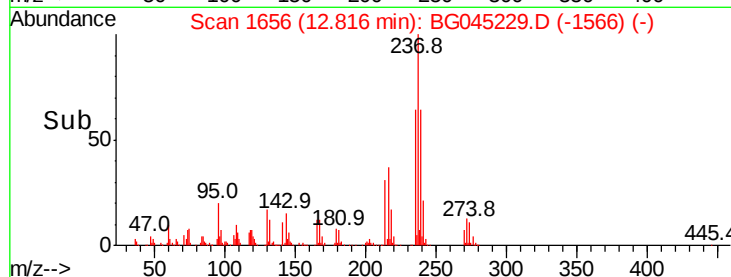
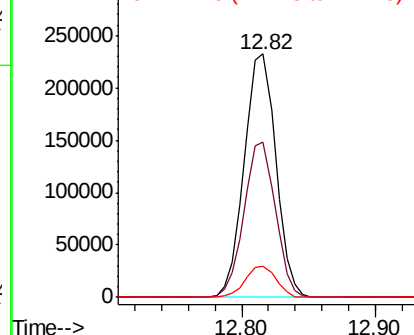
Tot Ion:	237	Resp:	381161
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.6	81.6
272	12.9	0.0	32.1

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 148.199 ng

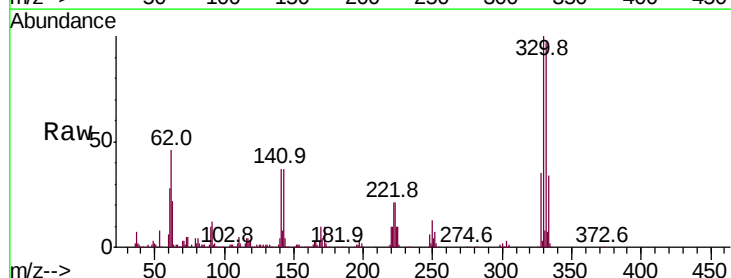
RT: 16.12 min Scan# 2219

Delta R.T. 0.00 min

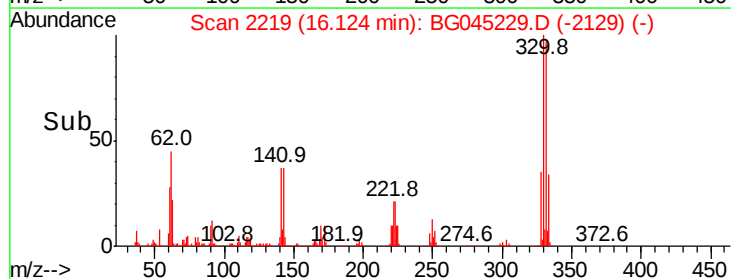
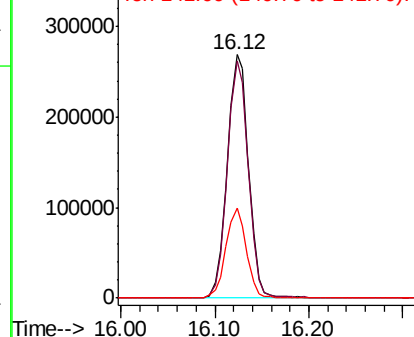
Lab File: BG045229.D

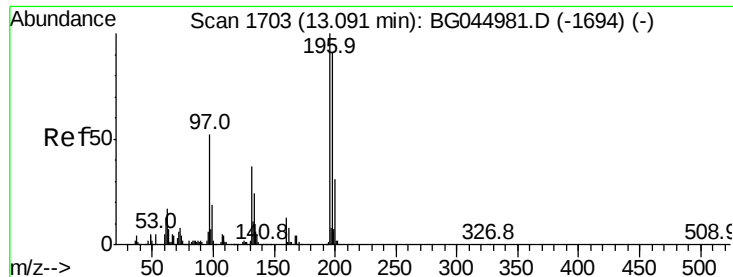
Acq: 1 May 2020 23:38

Tgt Ion:	330	Resp:	423797
Ion Ratio	Lower	Upper	
330	100		
332	96.4	79.1	118.7
141	35.8	27.1	40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





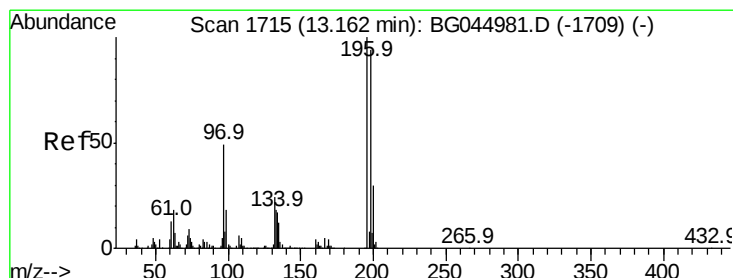
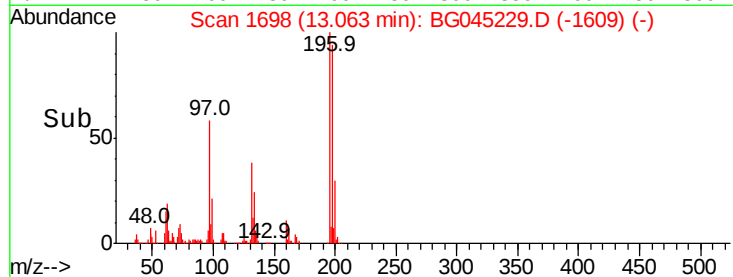
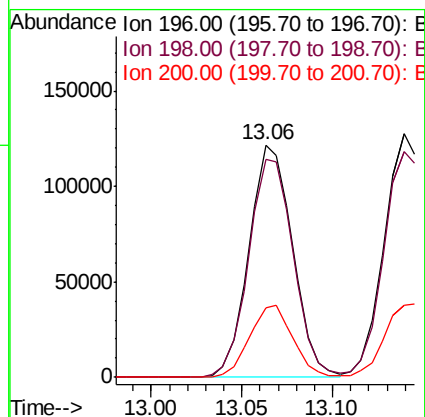
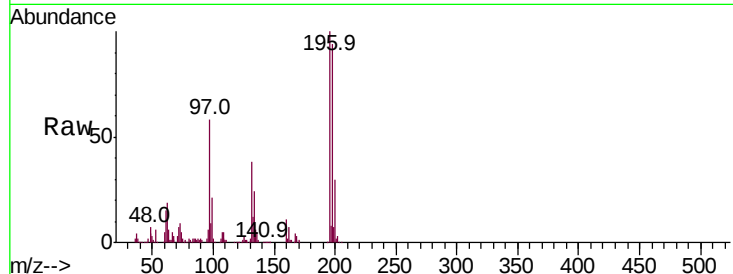
#43
2,4,6-Trichlorophenol
Concen: 48.254 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202969		
198	94.0	72.5	108.7	
200	30.1	24.5	36.7	

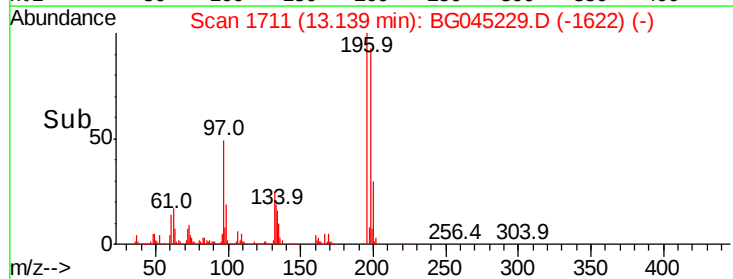
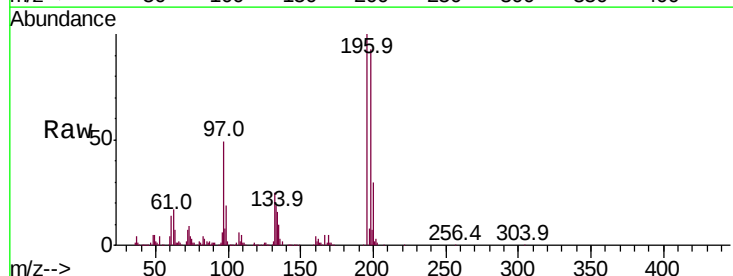
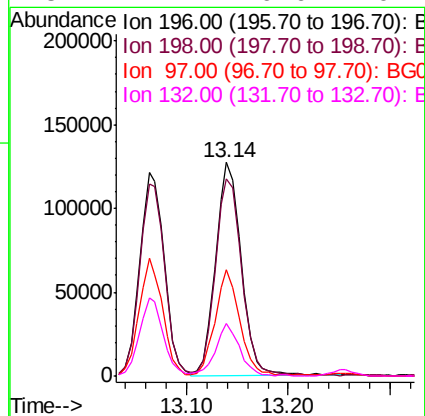
Manual Integrations
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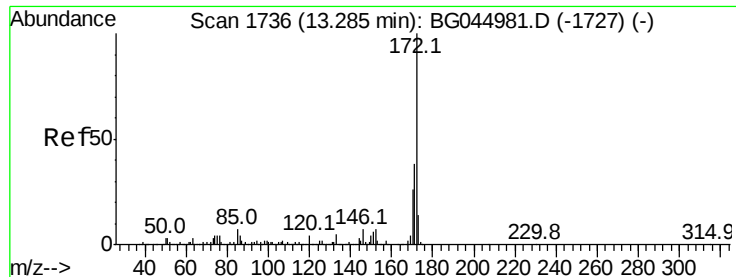
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 46.670 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	223448		
198	92.5	75.7	113.5	
97	49.5	39.6	59.4	
132	24.7	19.6	29.4	





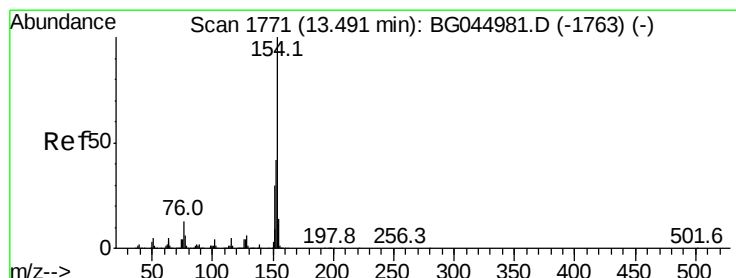
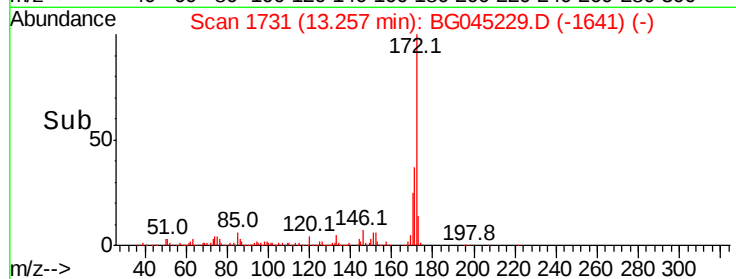
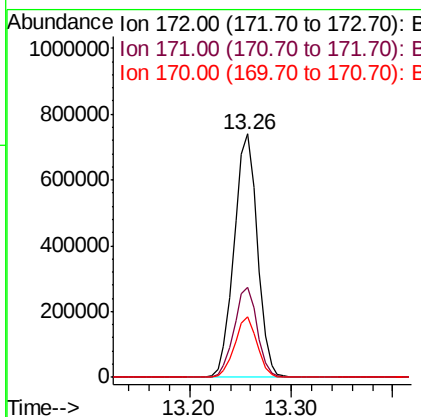
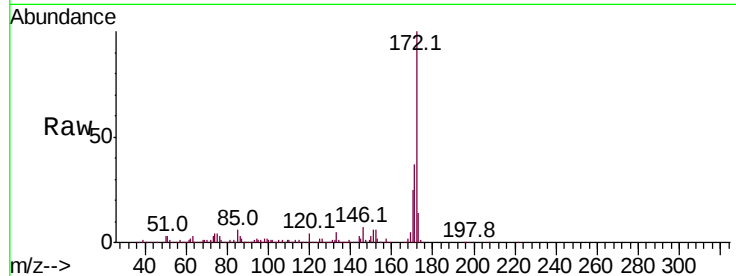
#45
2-Fluorobiphenyl
Concen: 93.610 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	24.8	20.5	30.7

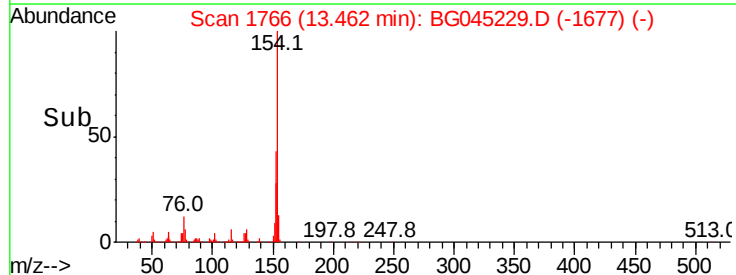
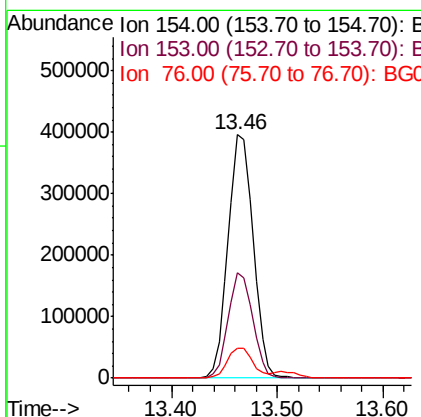
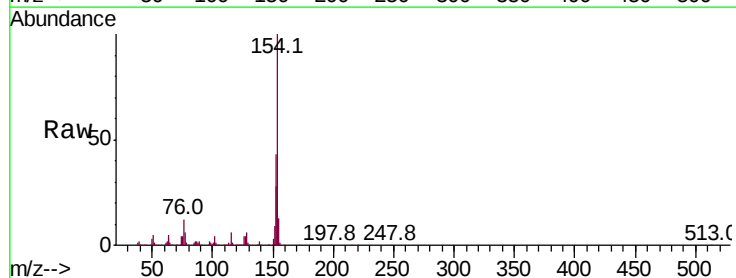
Manual Integrations
APPROVED

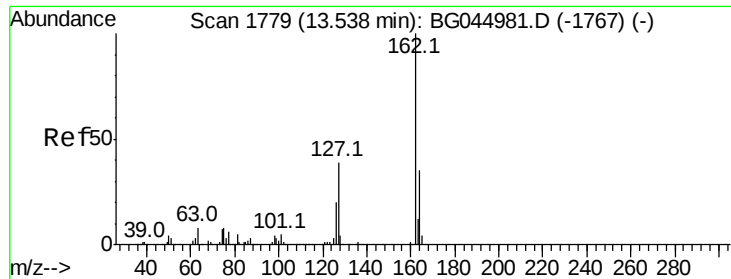
mohammad
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#46
1,1'-Biphenyl
Concen: 46.411 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	21.9	61.9
76	12.1	0.0	33.1





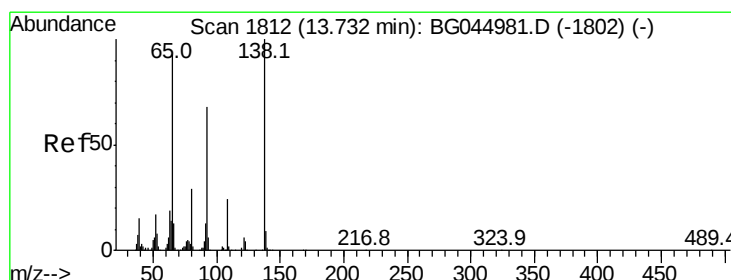
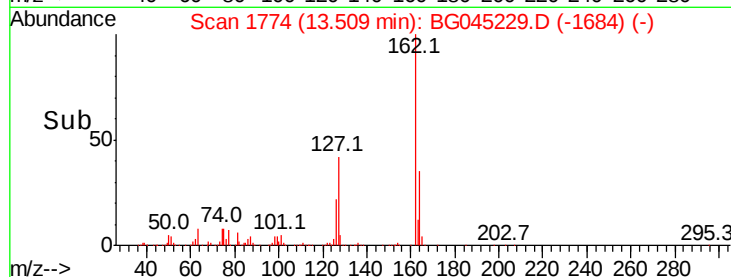
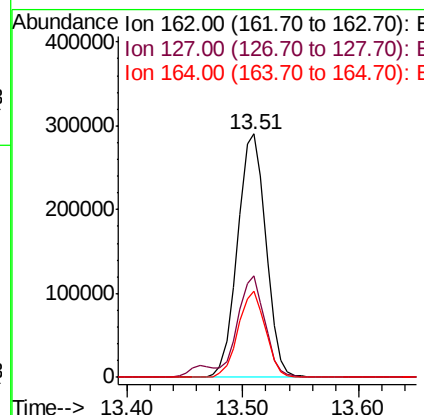
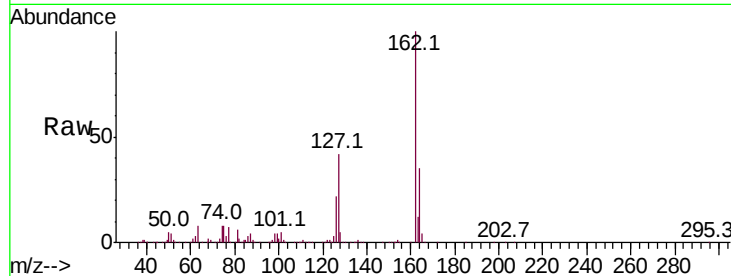
#47
 2-Chloronaphthalene
 Concen: 46.050 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG045229.D
 Acq: 1 May 2020 23:38

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	31.3	46.9
164	35.5	27.8	41.8

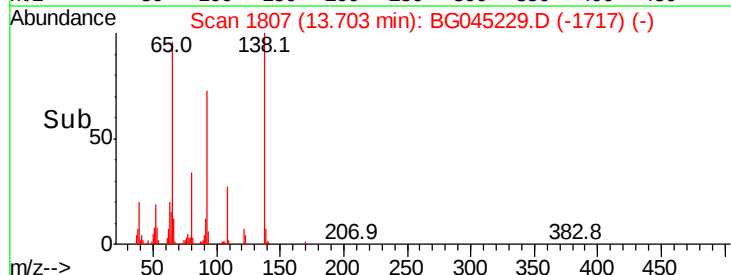
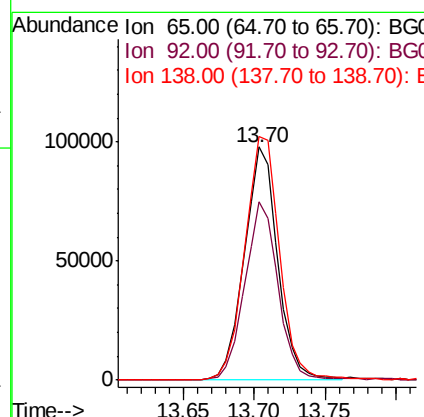
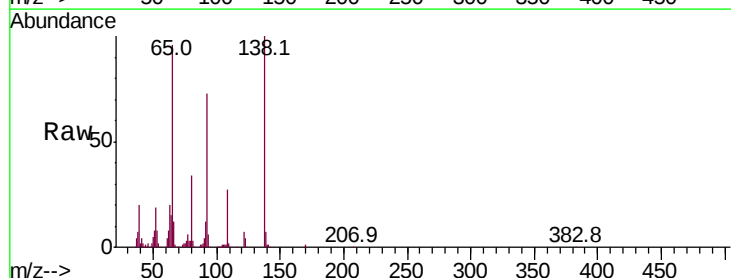
Manual Integrations
 APPROVED

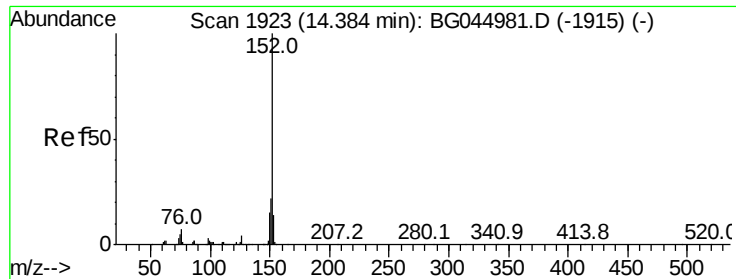
mohammad
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#48
 2-Nitroaniline
 Concen: 45.853 ng
 RT: 13.70 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BG045229.D
 Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.7	58.3	87.5
138	104.4	85.6	128.4





#49

Acenaphthylene

Concen: 47.896 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

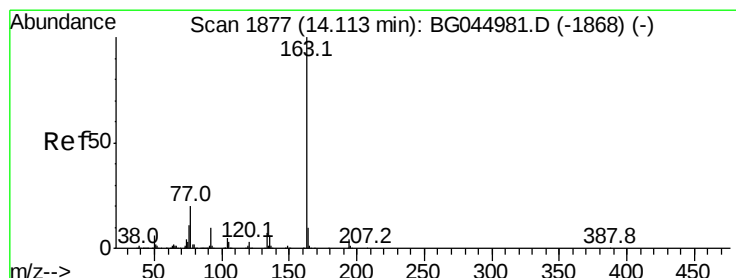
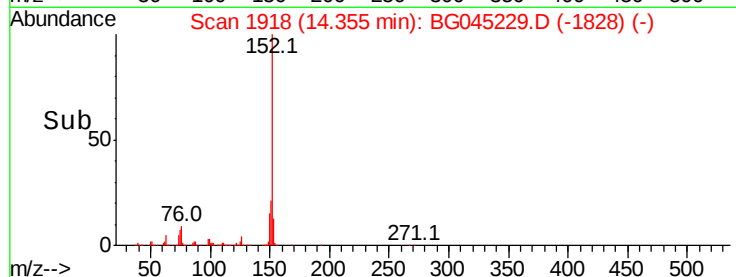
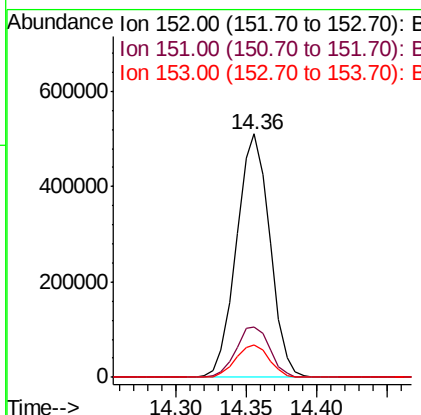
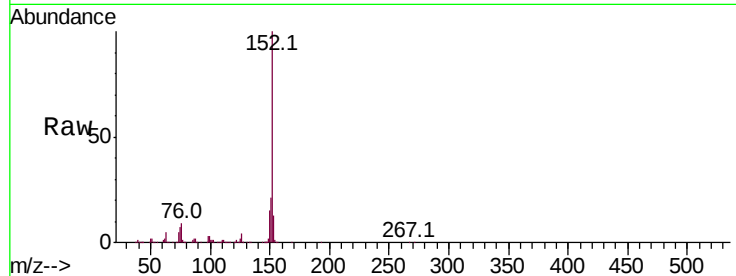
ClientSampleId :

SU-03-043020MSD

Tot Ion:	152	Resp:	838695
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.2	25.8
153	13.4	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.675 ng

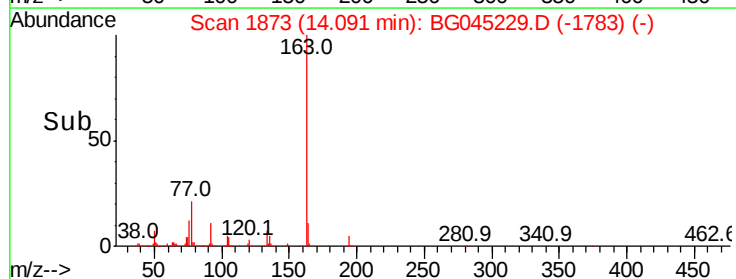
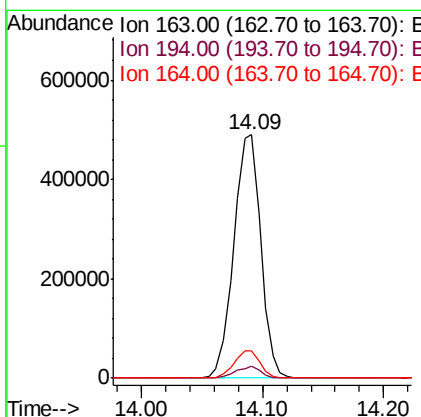
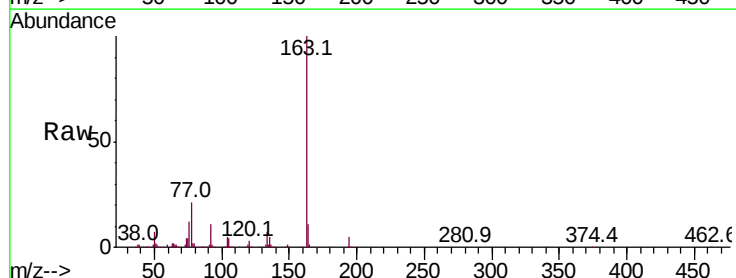
RT: 14.09 min Scan# 1873

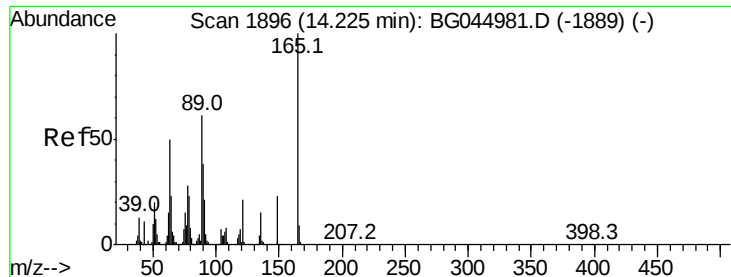
Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion:	163	Resp:	763783
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	11.0	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 48.240 ng

RT: 14.20 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

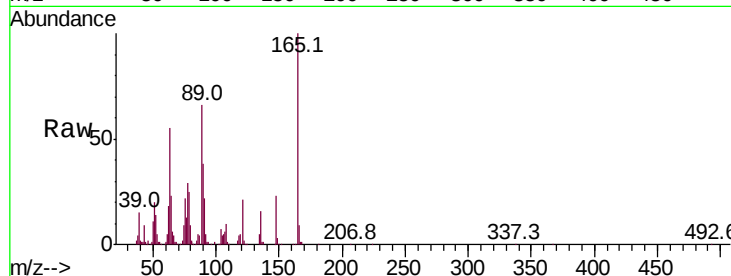
ClientSampleId :

SU-03-043020MSD

Tot Ion:	165	Resp:	162628
Ion Ratio	Lower	Upper	
165	100		
63	54.9	40.4	60.6
89	65.5	49.1	73.7

Manual Integrations
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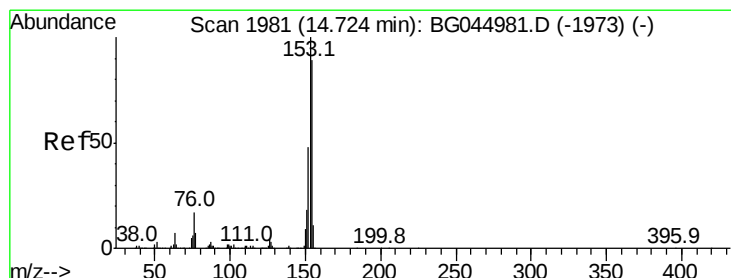
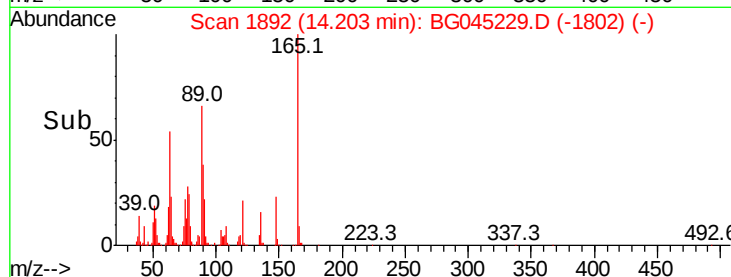
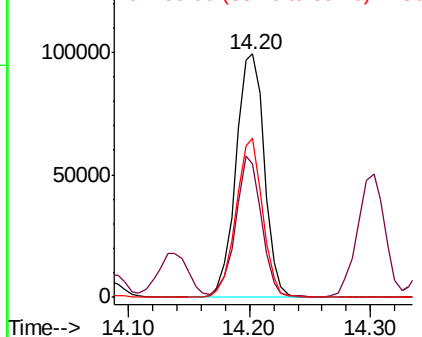
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG045229.D (-1887) (-)

Ion 89.00 (88.70 to 89.70): BG045229.D (-1887) (-)



#52

Acenaphthene

Concen: 54.985 ng m

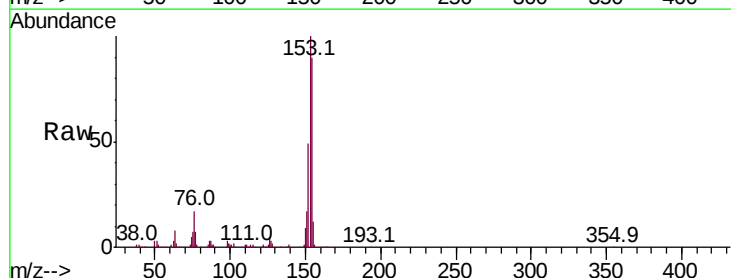
RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

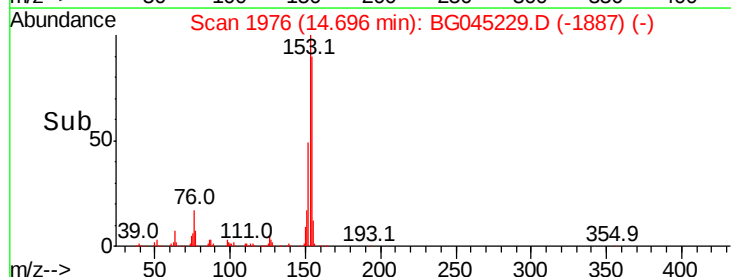
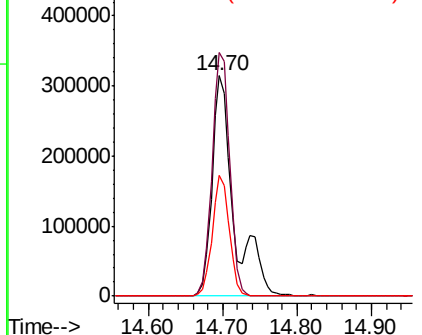
Tgt Ion:	154	Resp:	651453
Ion Ratio	Lower	Upper	
154	100		
153	110.6	89.7	134.5
152	54.6	43.1	64.7

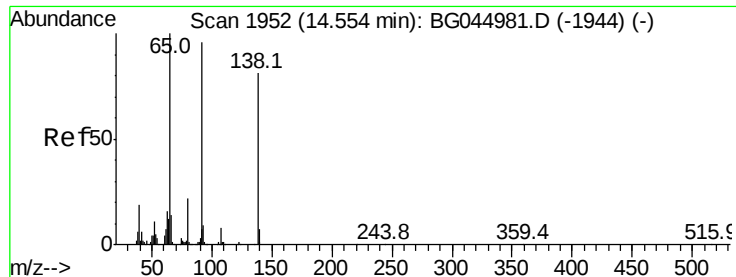


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





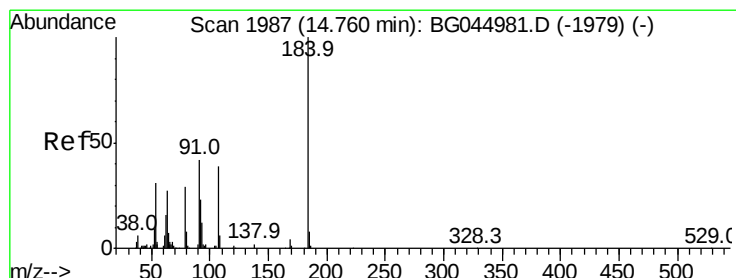
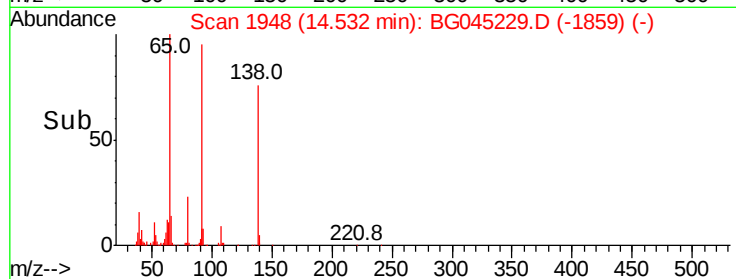
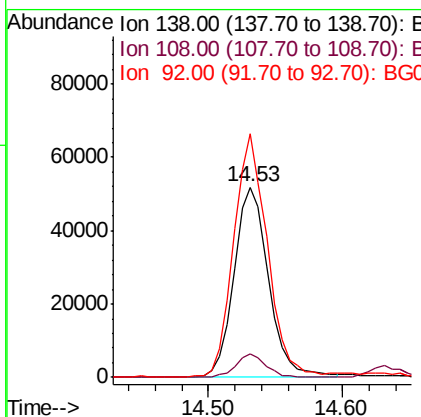
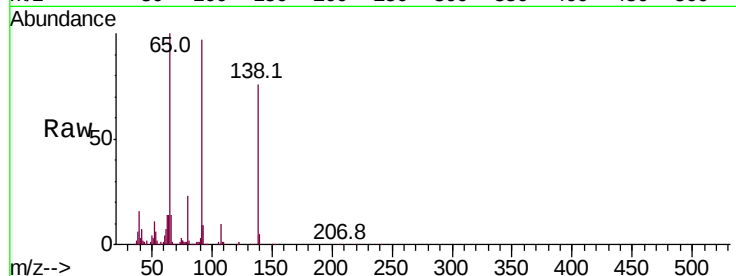
#53
3-Nitroaniline
Concen: 25.156 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	7.8	11.8#
92	128.2	94.5	141.7

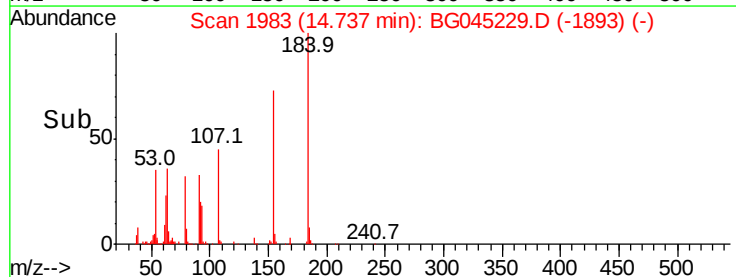
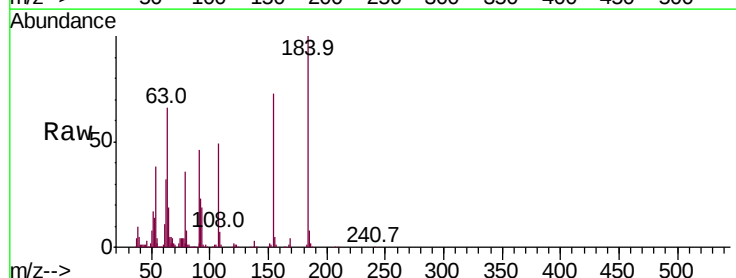
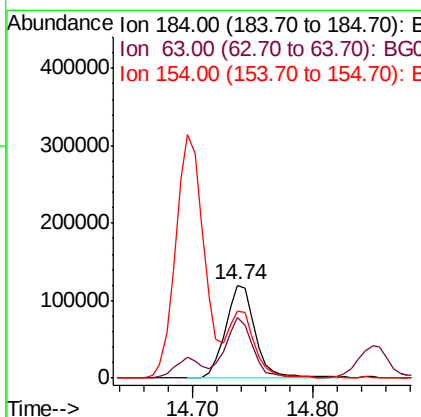
Manual Integrations
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#54
2,4-Dinitrophenol
Concen: 101.968 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	41.5	62.3#
154	72.8	52.3	78.5





#55

Dibenzenofuran

Concen: 47.596 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

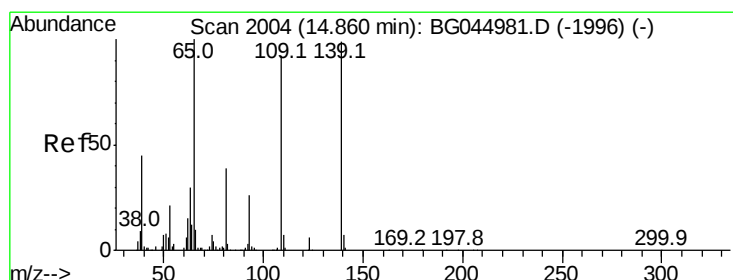
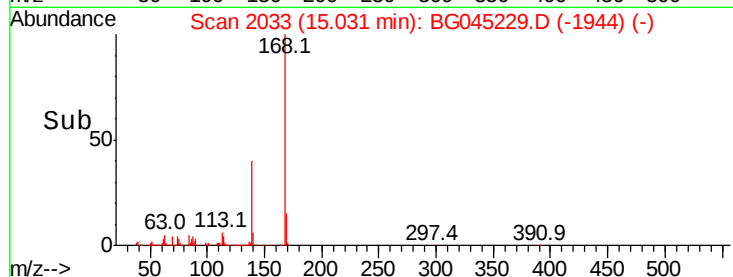
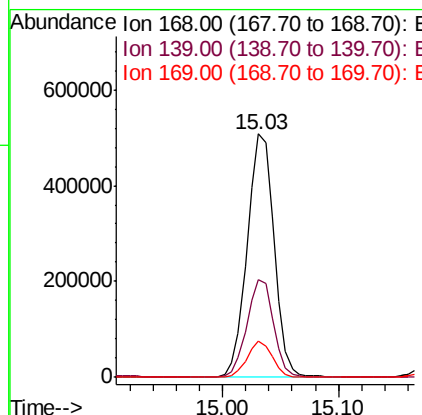
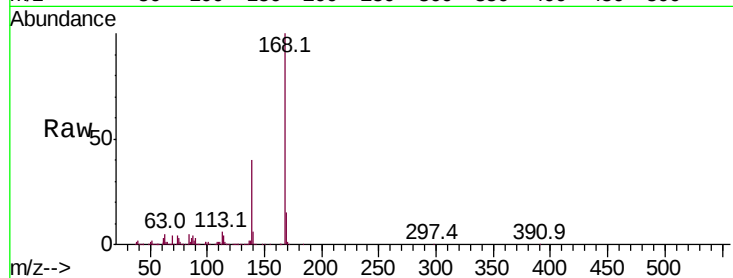
ClientSampleId :

SU-03-043020MSD

Tot Ion:	168	Resp:	822132
Ion Ratio	Lower	Upper	
168	100		
139	40.3	30.4	45.6
169	14.7	11.0	16.4

Manual Integrations
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#56

4-Nitrophenol

Concen: 81.761 ng

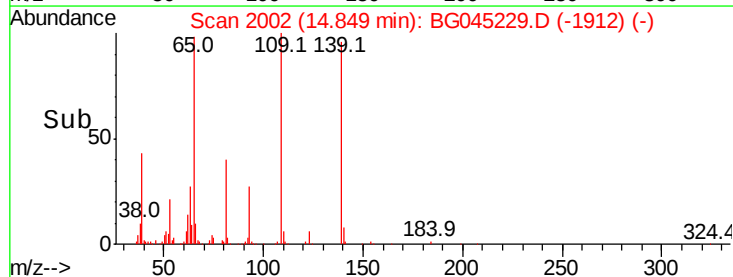
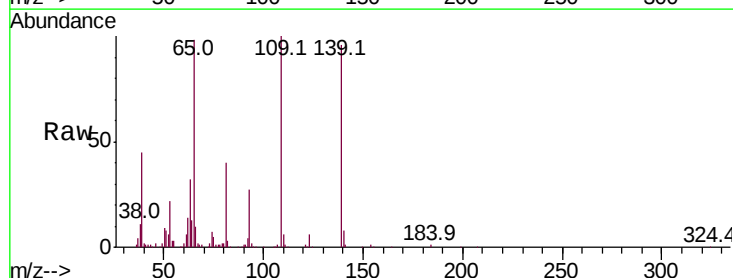
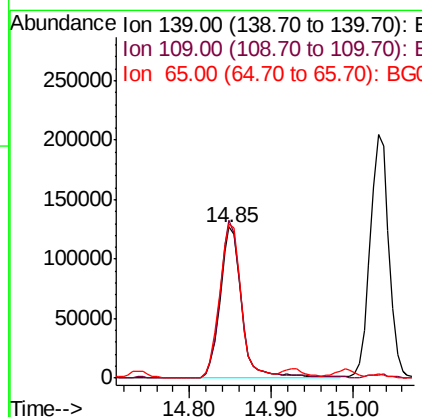
RT: 14.85 min Scan# 2002

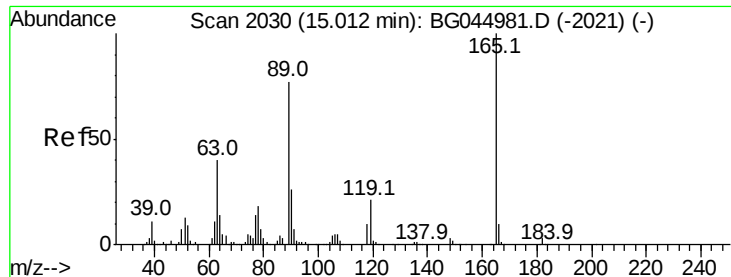
Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion:	139	Resp:	234397
Ion Ratio	Lower	Upper	
139	100		
109	104.4	73.6	113.6
65	102.0	81.2	121.2





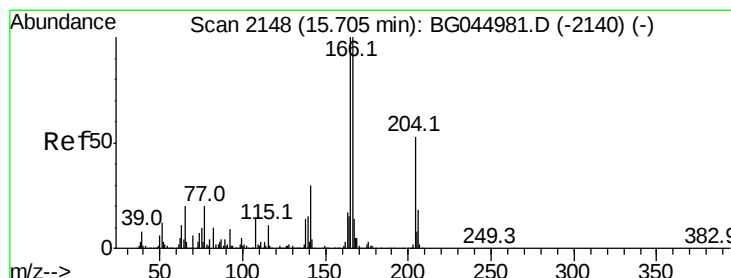
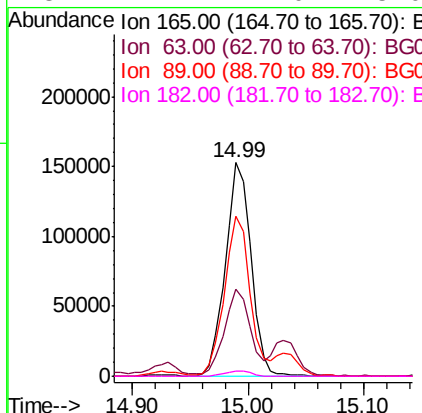
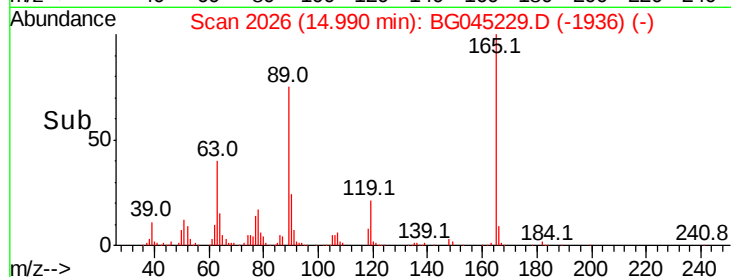
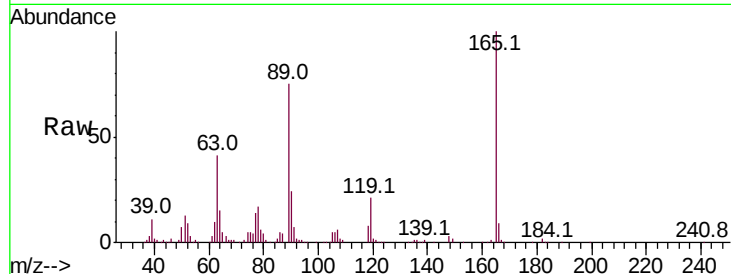
#57
2,4-Dinitrotoluene
Concen: 47.485 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	233944		
63	40.6	32.2	48.2	
89	74.6	61.7	92.5	
182	2.4	2.0	3.0	

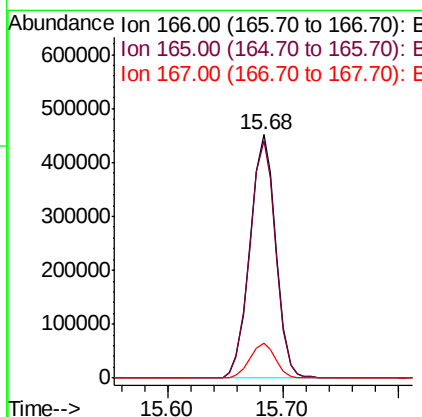
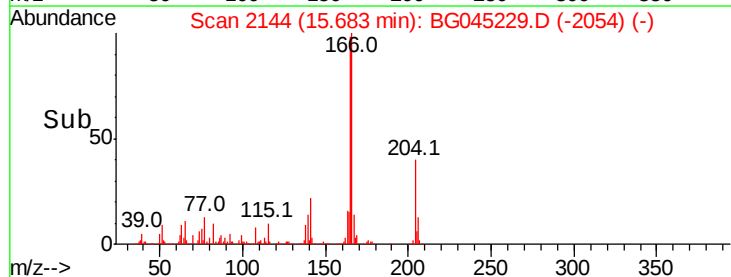
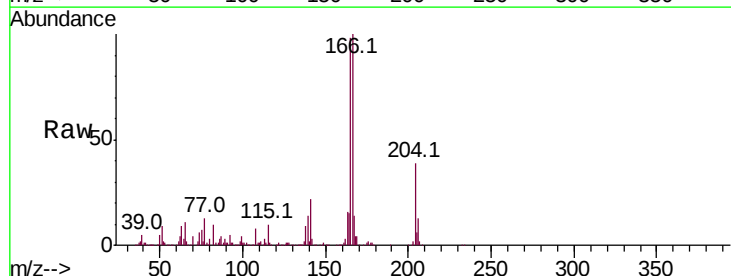
Manual Integrations
APPROVED

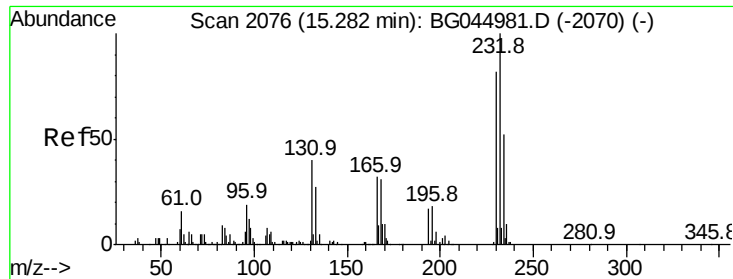
mohammad
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#58
Fluorene
Concen: 49.740 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	701779		
165	97.5	79.9	119.9	
167	14.3	11.4	17.0	





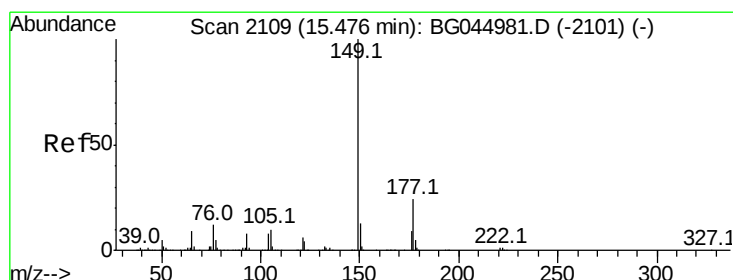
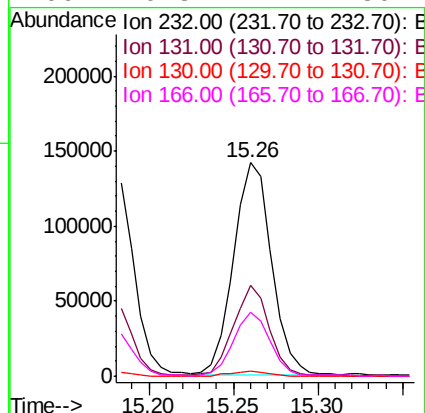
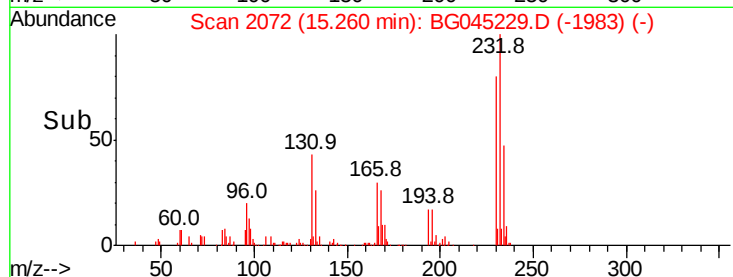
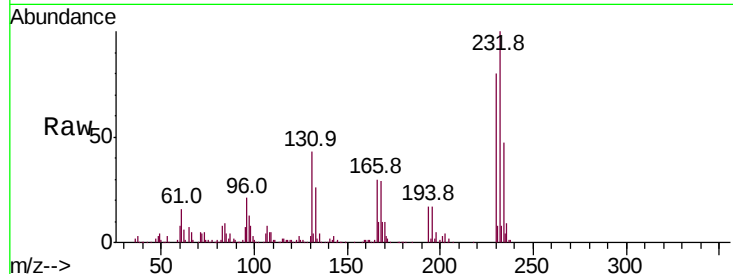
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.168 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	222246		
131	40.0	32.2	48.2	
130	2.6	2.2	3.2	
166	29.3	24.2	36.4	

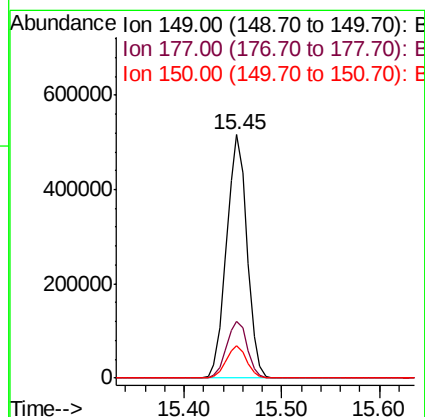
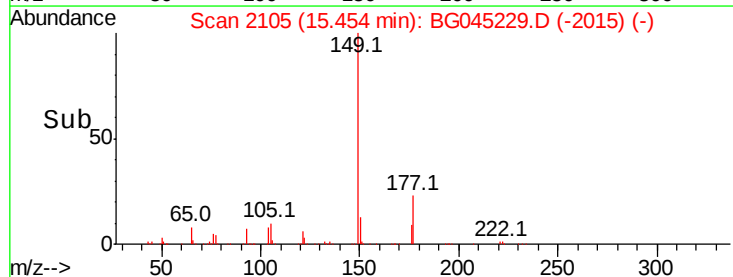
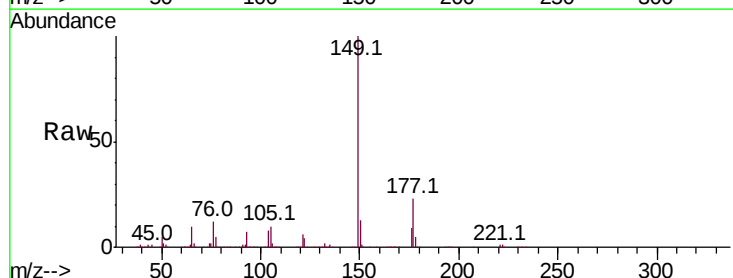
Manual Integrations
APPROVED

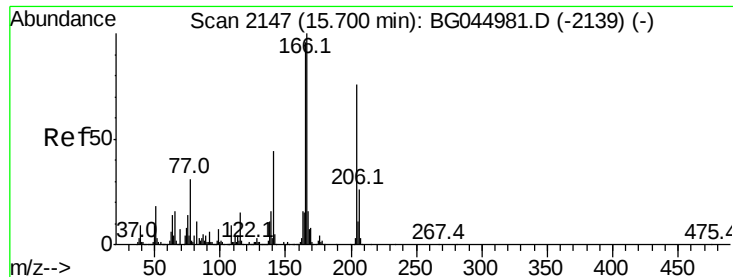
mohammad
5/4/2020 3:46:21 PM



#60
Diethylphthalate
Concen: 47.740 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	750198		
177	23.5	18.9	28.3	
150	13.1	10.6	15.8	





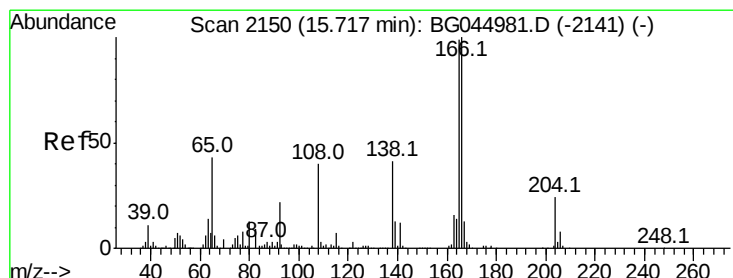
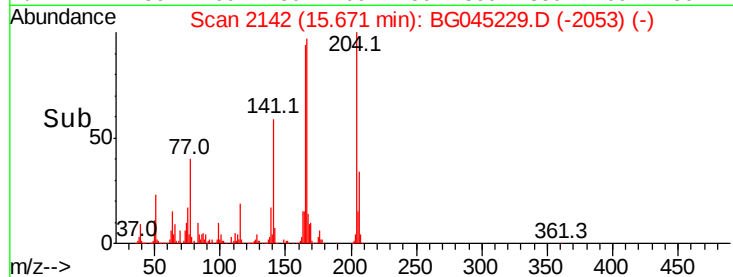
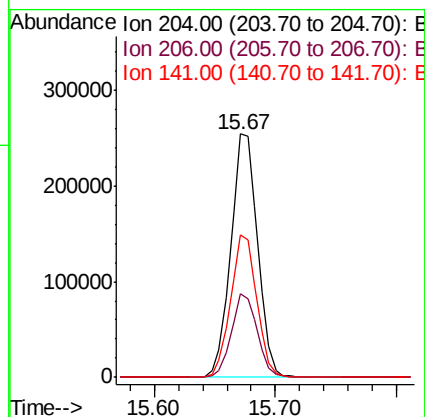
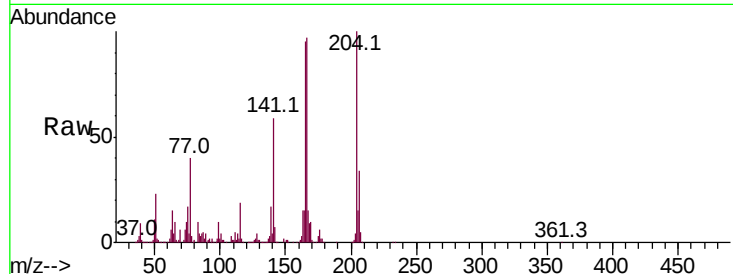
#61
4-Chlorophenyl-phenylether
Concen: 48.260 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.9	40.3
141	58.8	46.3	69.5

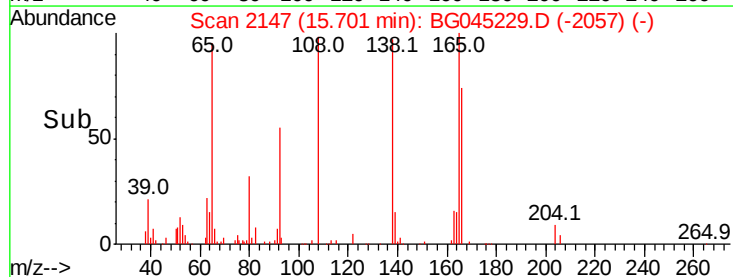
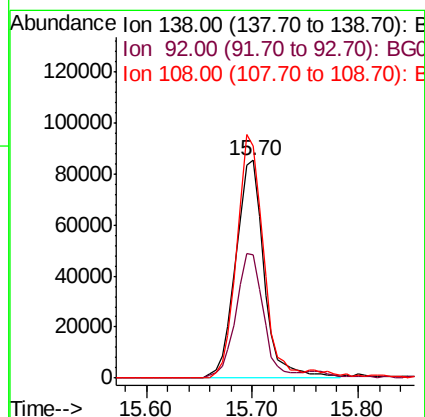
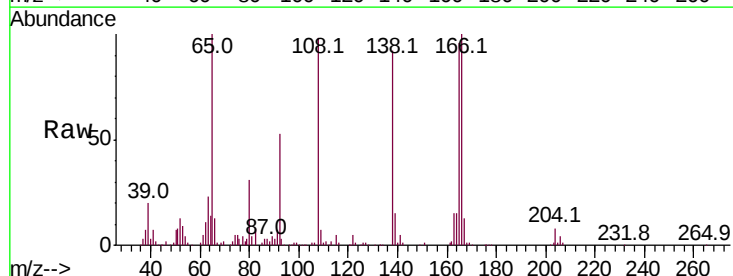
Manual Integrations
APPROVED

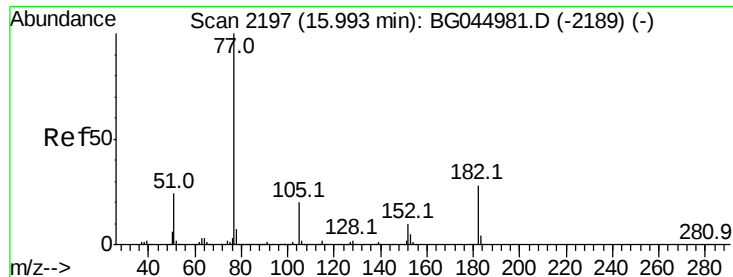
mohammad
5/4/2020 3:46:21 PM



#62
4-Nitroaniline
Concen: 41.382 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	33.6	73.6
108	106.4	78.2	118.2





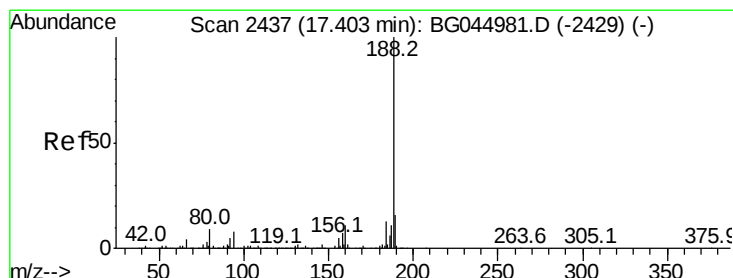
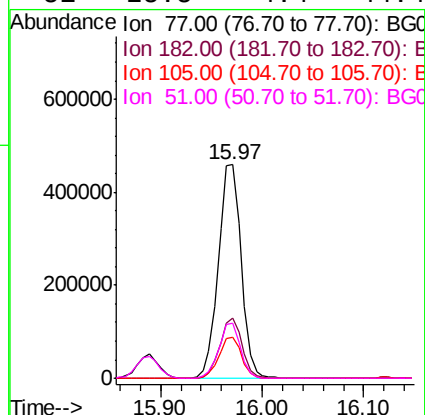
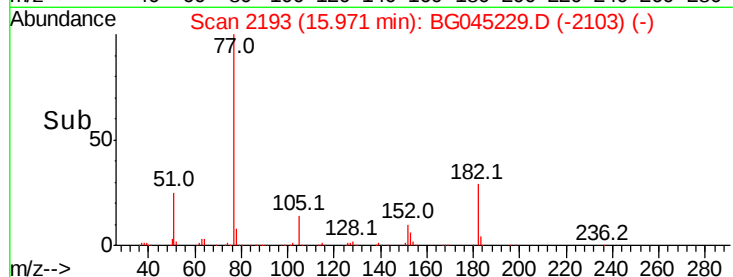
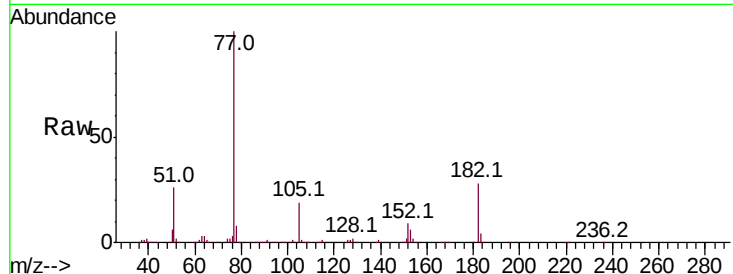
#63
Azobenzene
Concen: 49.371 ng
RT: 15.97 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.9	8.4	48.4	
105	19.3	0.5	40.5	
51	25.5	4.4	44.4	

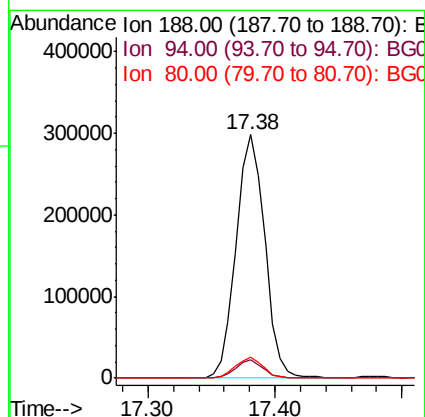
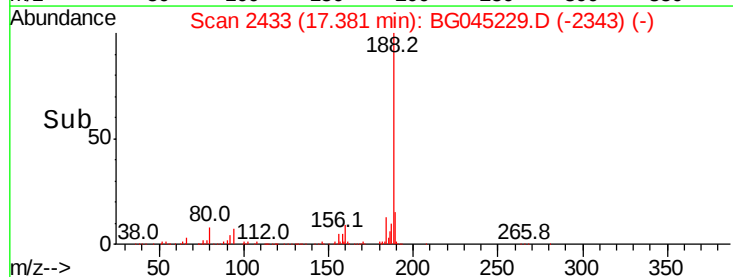
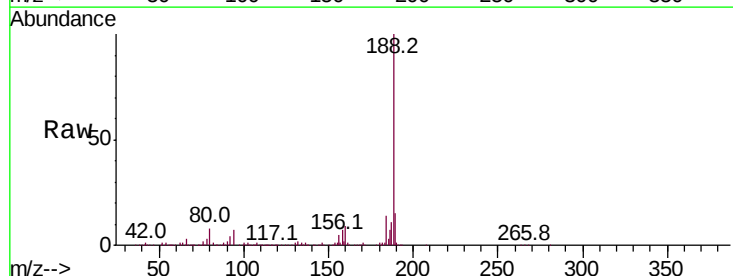
Manual Integrations
APPROVED

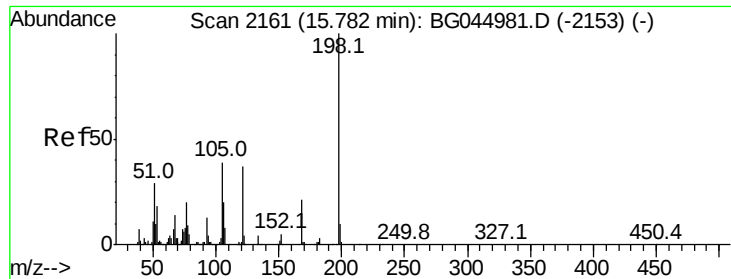
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.4	6.2	9.4	
80	8.5	7.0	10.6	





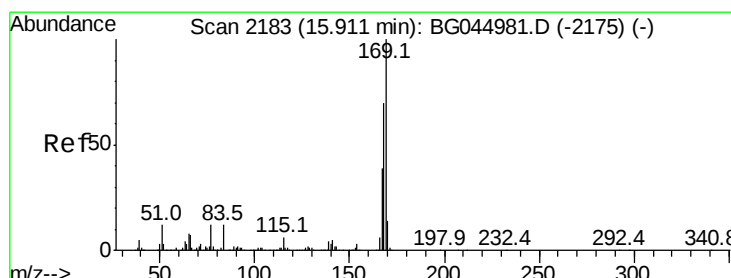
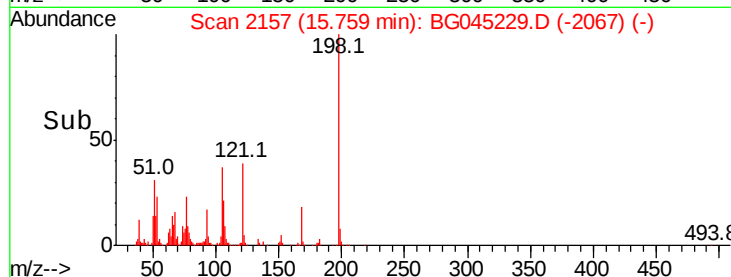
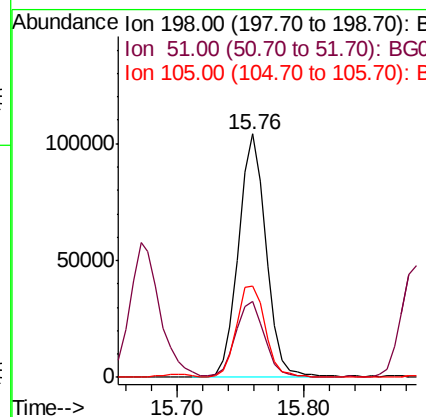
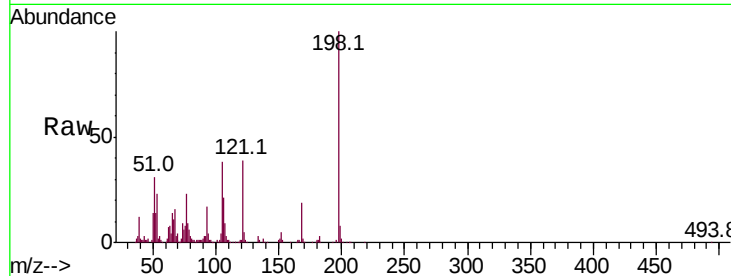
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.880 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG045229.D
 Acq: 1 May 2020 23:38

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	156273		
51	31.1		10.0	50.0
105	37.7		18.9	58.9

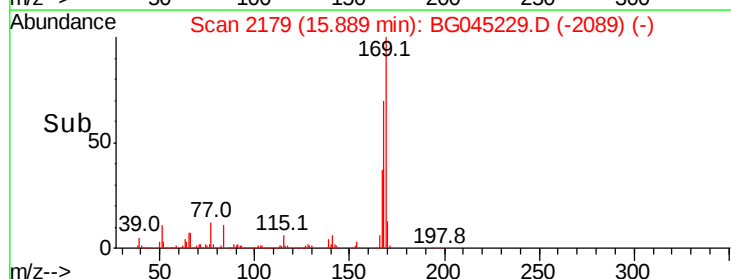
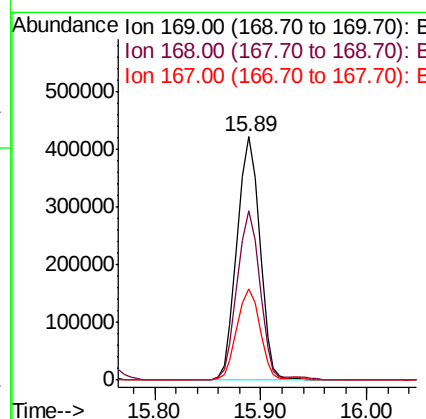
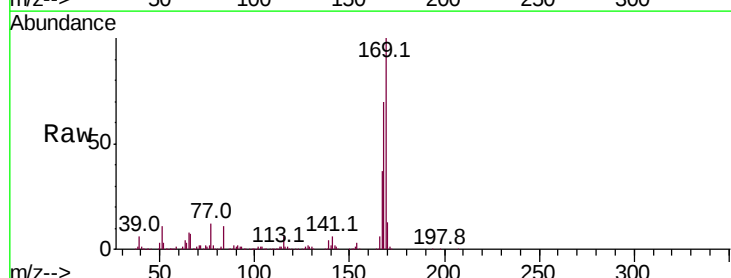
Manual Integrations
 APPROVED

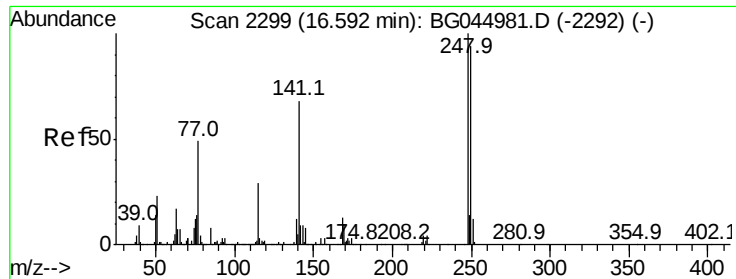
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 47.143 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BG045229.D
 Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	632917		
168	69.7		55.8	83.8
167	37.4		30.8	46.2





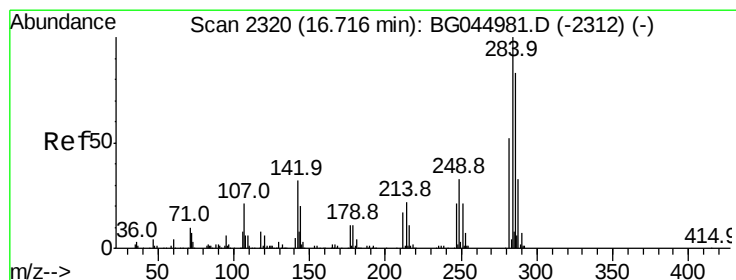
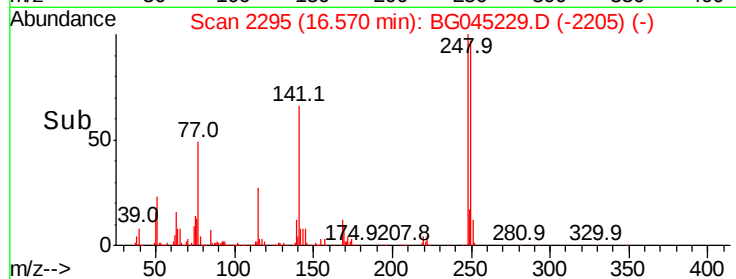
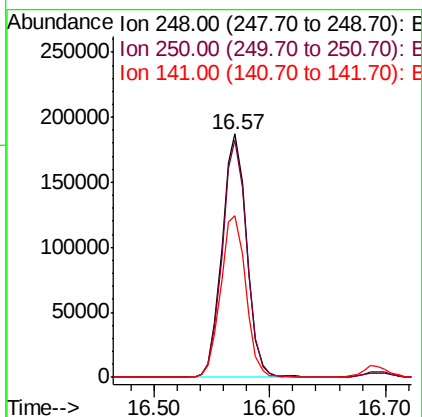
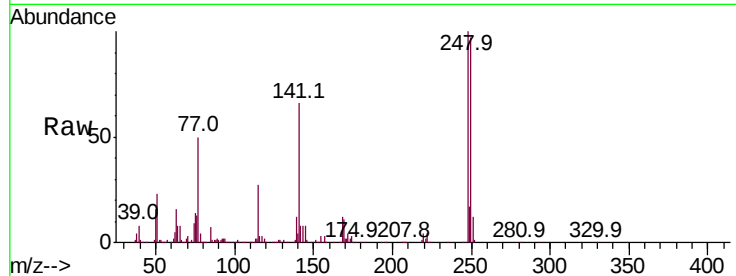
#67
4-Bromophenyl-phenylether
Concen: 45.959 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	277049		
250	97.3		75.4	113.2
141	66.5		54.4	81.6

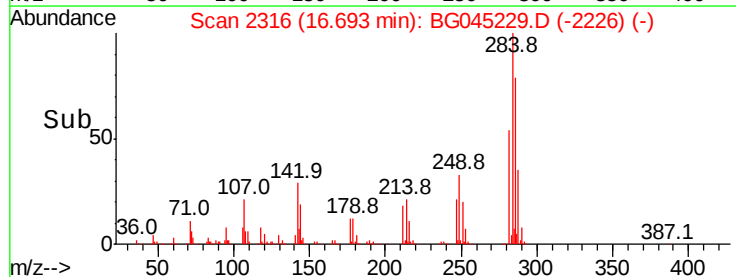
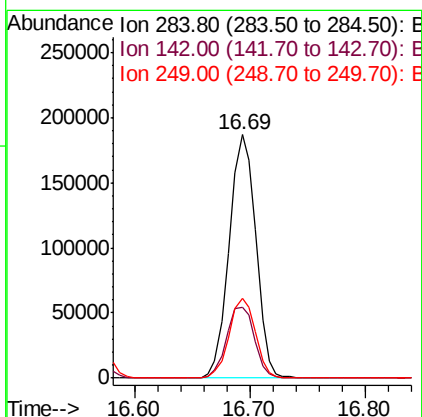
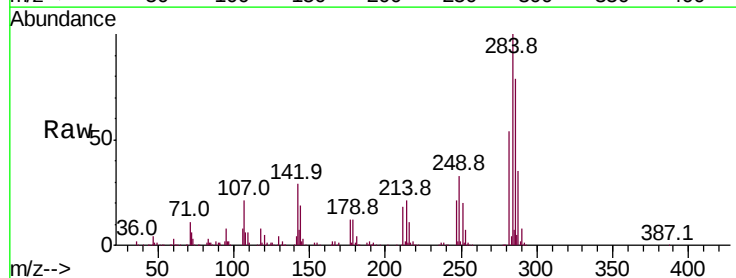
Manual Integrations
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#68
Hexachlorobenzene
Concen: 47.737 ng
RT: 16.69 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	298448		
142	29.1		25.8	38.6
249	32.8		26.6	39.8





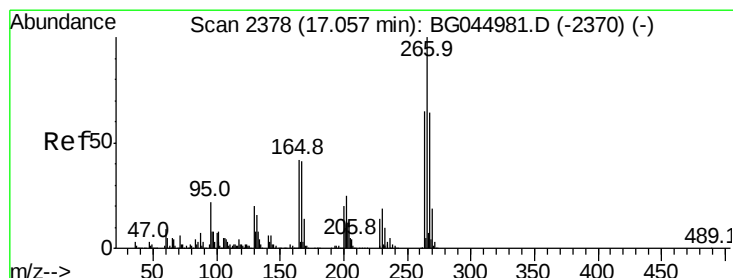
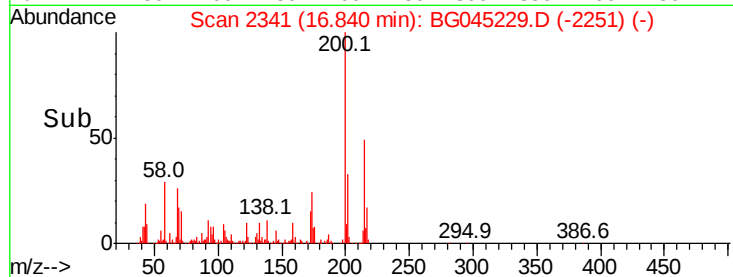
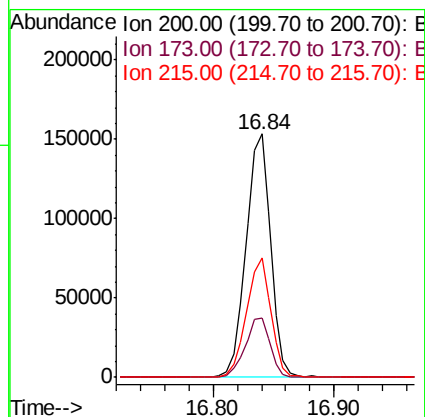
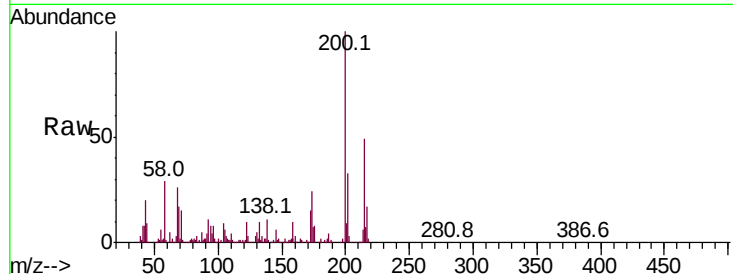
#69
Atrazine
Concen: 44.544 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	4.5	44.5
215	49.2	30.0	70.0

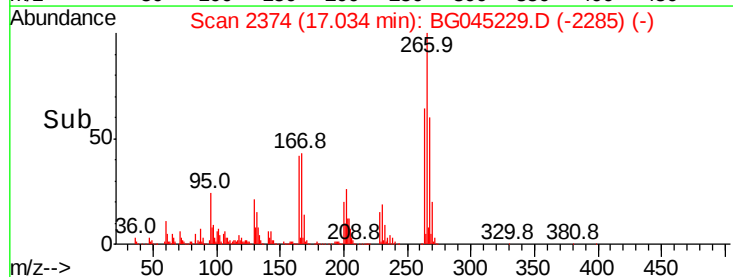
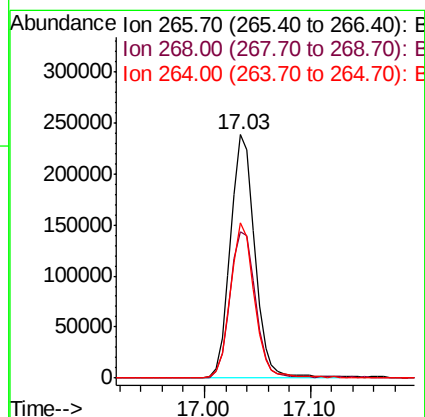
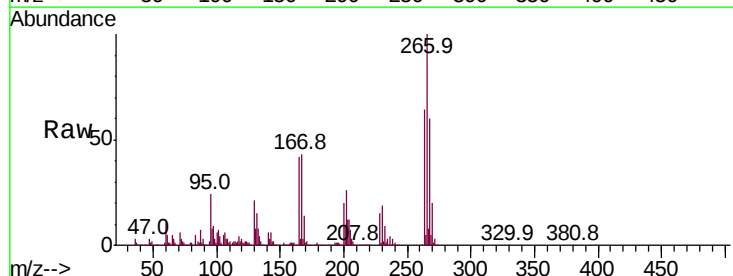
Manual Integrations
APPROVED

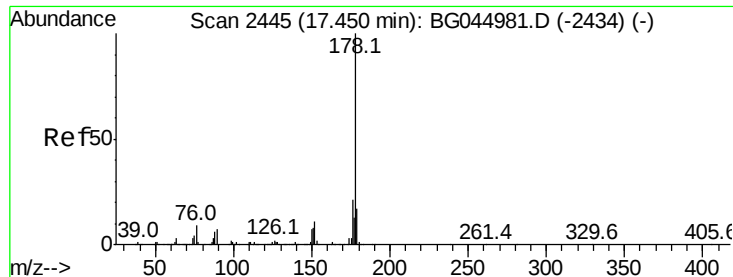
mohammad
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#70
Pentachlorophenol
Concen: 99.465 ng
RT: 17.03 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.3	51.5	77.3
264	63.7	52.2	78.4





#71

Phenanthrene

Concen: 47.954 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MSD

Tot Ion:178 Resp: 1151453

Ion Ratio Lower Upper

178 100

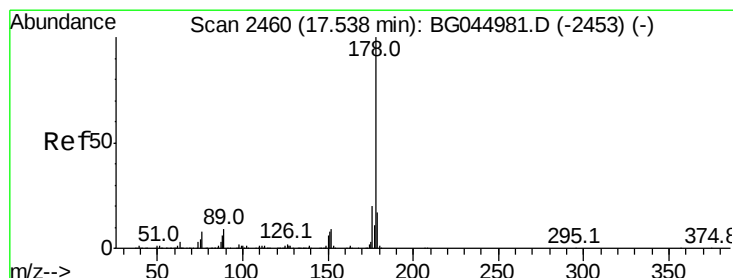
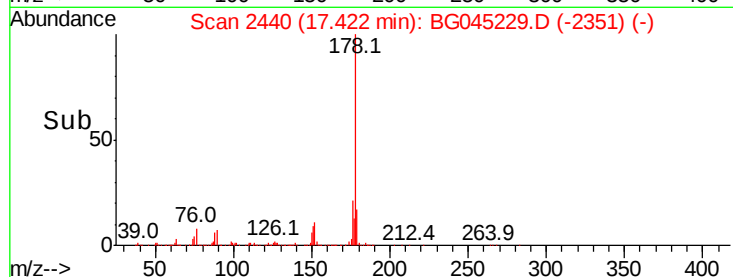
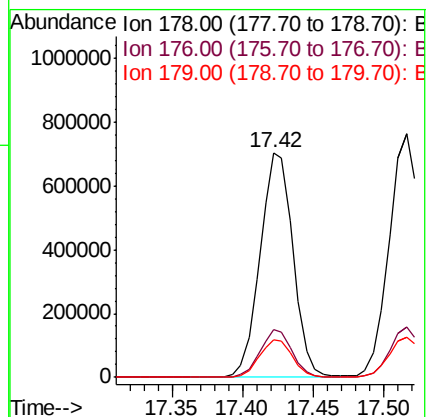
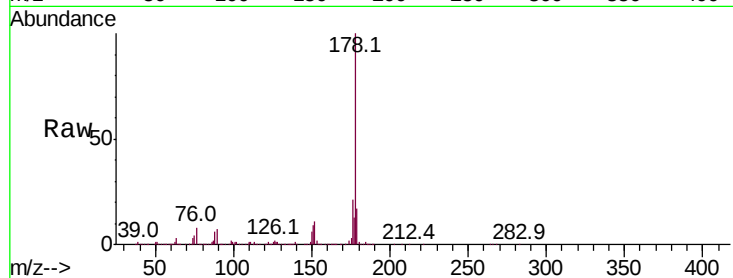
176 21.3 16.8 25.2

179 16.7 13.2 19.8

Manual Integrations
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mohammad

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#72

Anthracene

Concen: 49.492 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

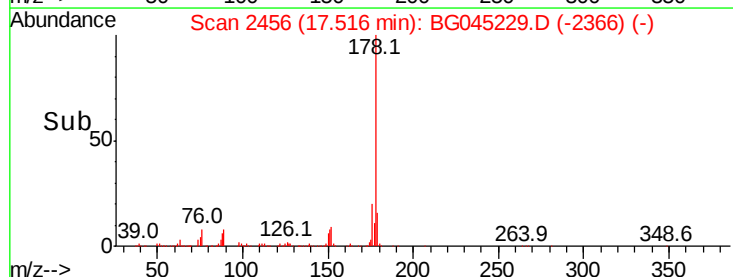
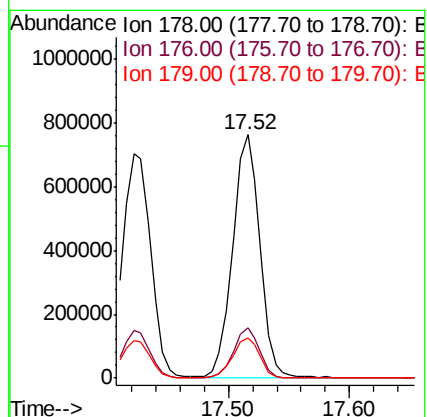
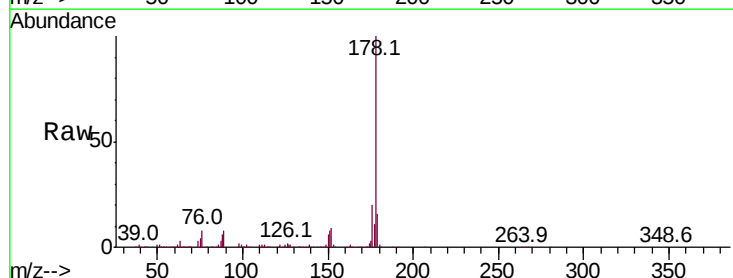
Tgt Ion:178 Resp: 1192079

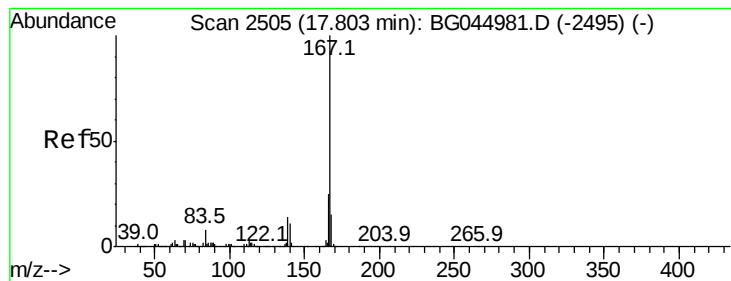
Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

179 16.4 13.6 20.4





#73

Carbazole

Concen: 44.725 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MSD

Tot Ion:167 Resp: 1093214

Ion Ratio Lower Upper

167 100

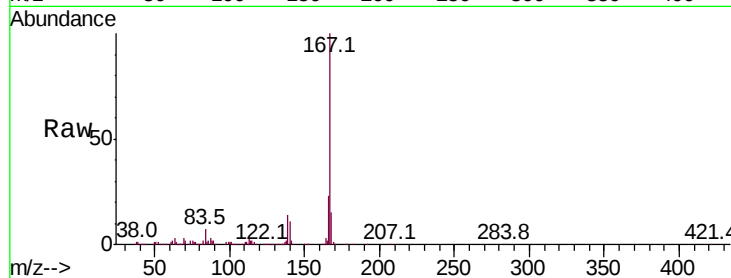
166 23.1 19.8 29.6

139 13.7 10.9 16.3

Manual Integrations
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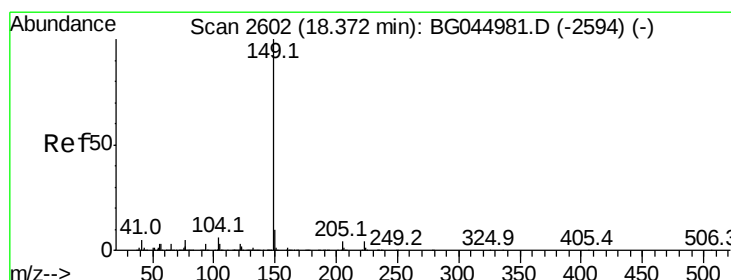
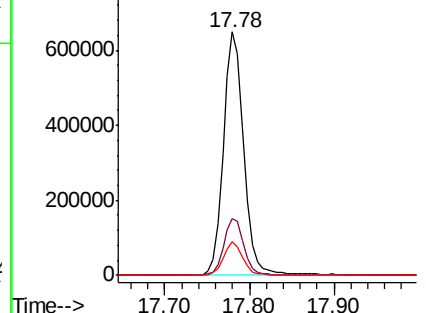
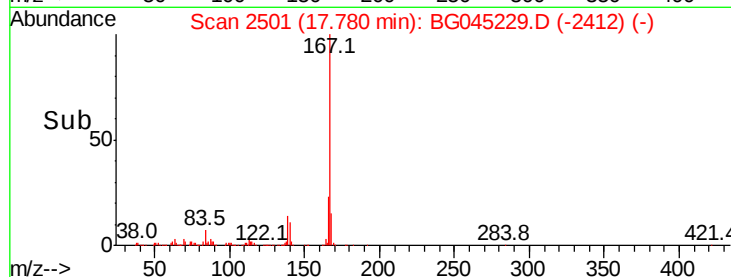
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.108 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

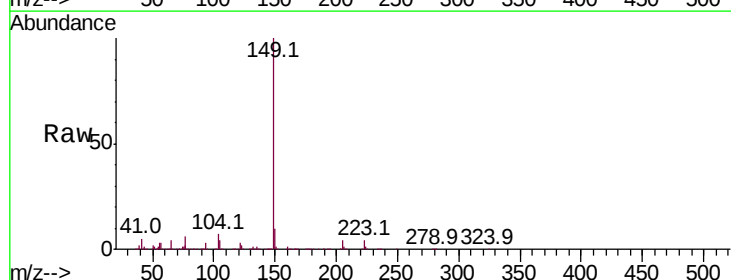
Tgt Ion:149 Resp: 1314907

Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.2

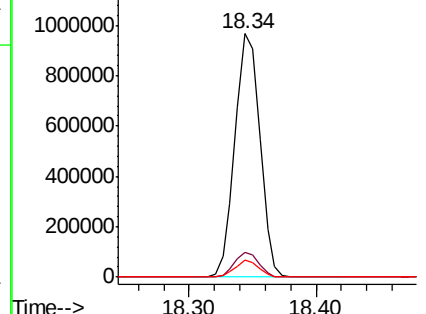
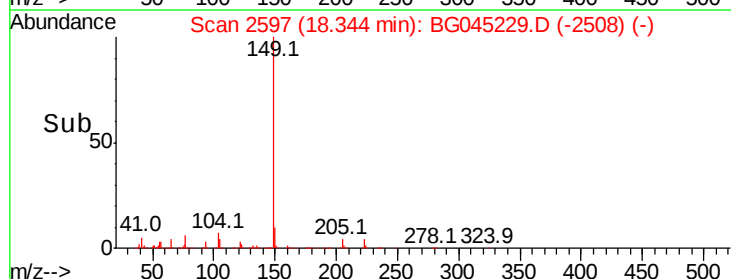
104 6.8 4.8 7.2

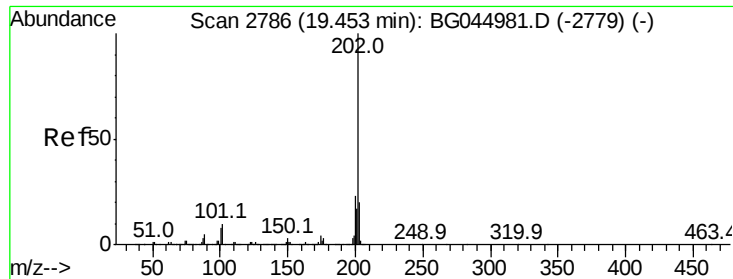


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





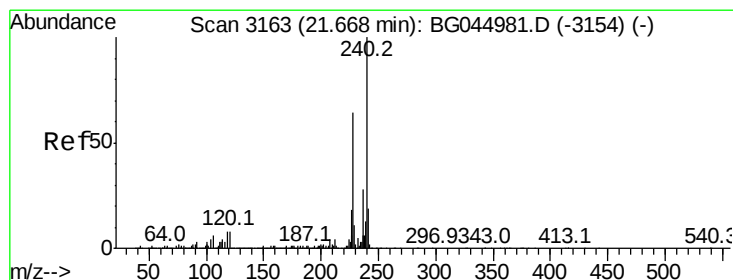
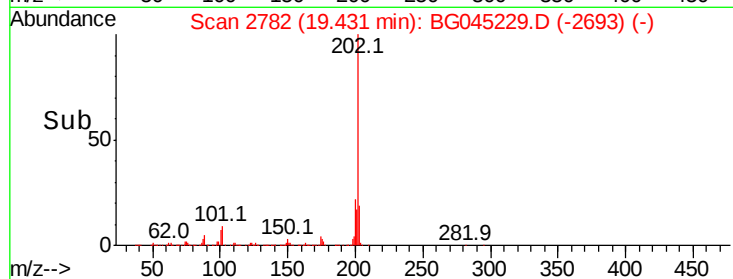
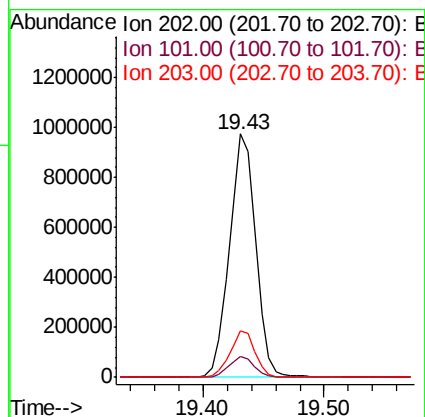
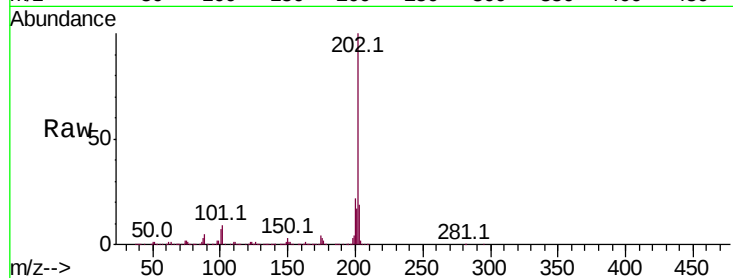
#75
 Fluoranthene
 Concen: 53.168 ng
 RT: 19.43 min Scan# 2782
 Delta R.T. -0.00 min
 Lab File: BG045229.D
 Acq: 1 May 2020 23:38

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MSD

Tot Ion:	202	Resp:	1468954
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.6
203	19.1	0.0	39.7

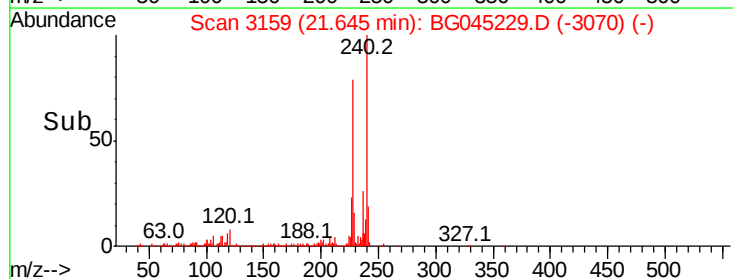
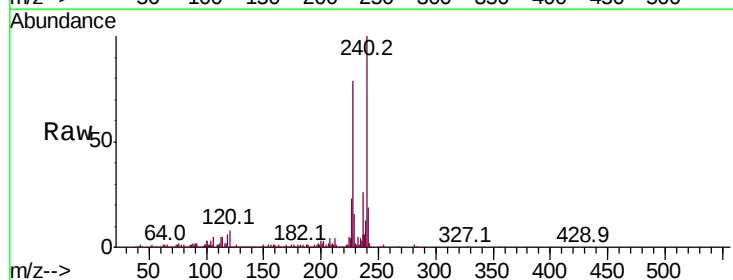
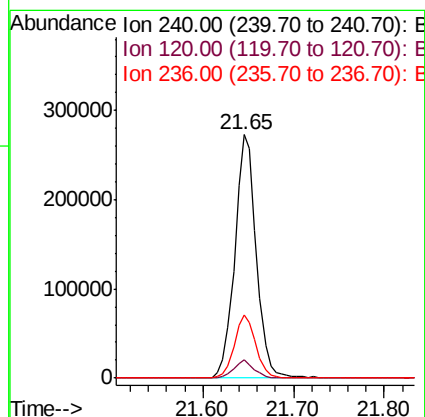
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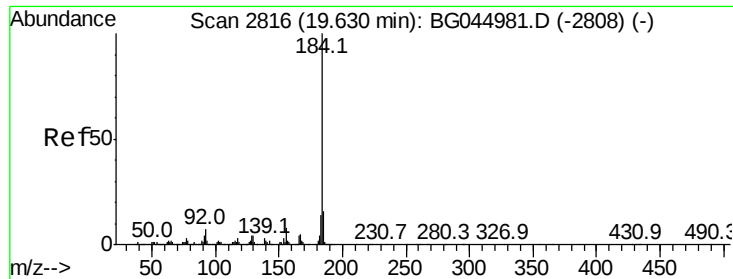
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG045229.D
 Acq: 1 May 2020 23:38

Tgt Ion:	240	Resp:	451415
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.6	10.0
236	25.8	22.2	33.2





#77

Benzidine

Concen: 8.917 ng/mL

RT: 19.62 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

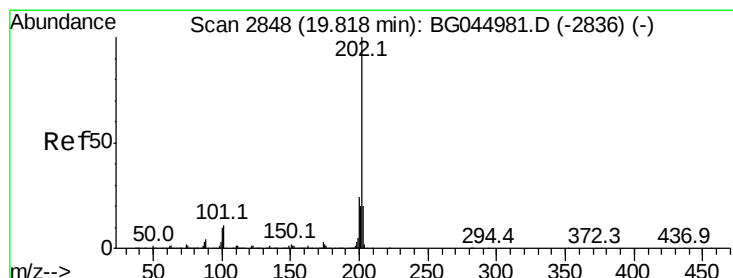
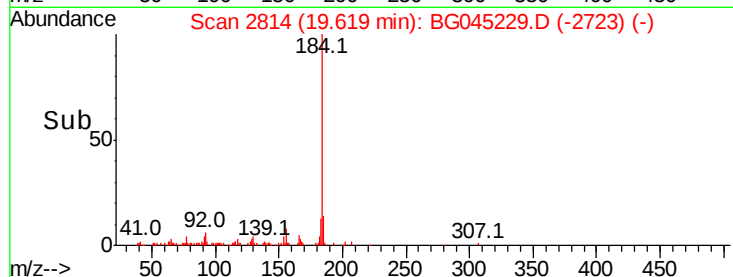
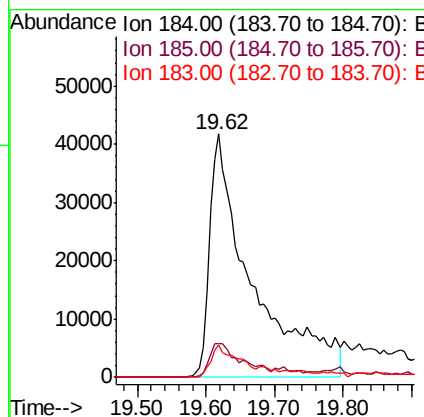
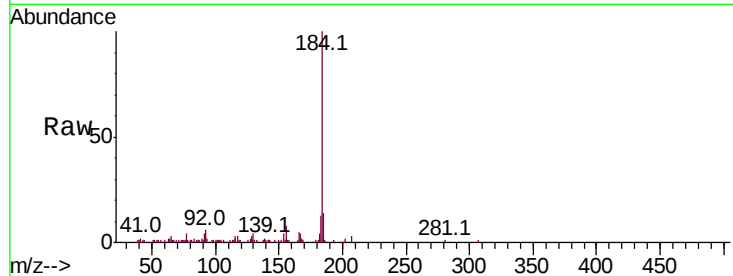
ClientSampleId :

SU-03-043020MSD

Tot Ion:	184	Resp:	179021
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.6	19.0
183	13.5	11.3	16.9

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#78

Pyrene

Concen: 46.712 ng/mL

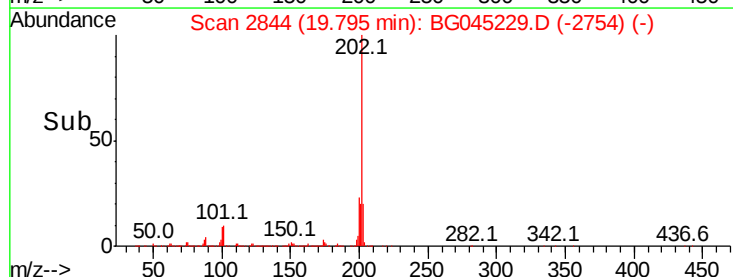
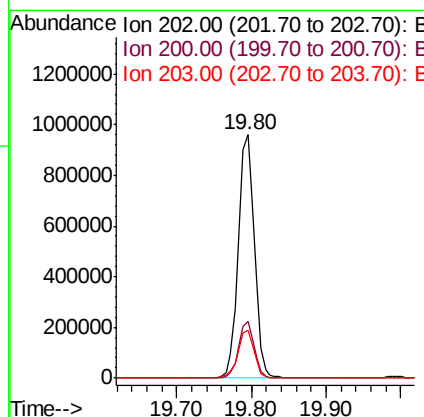
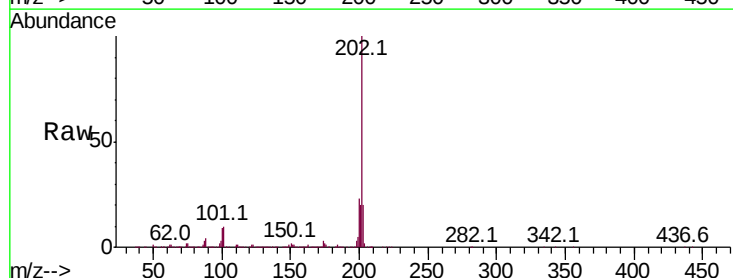
RT: 19.80 min Scan# 2844

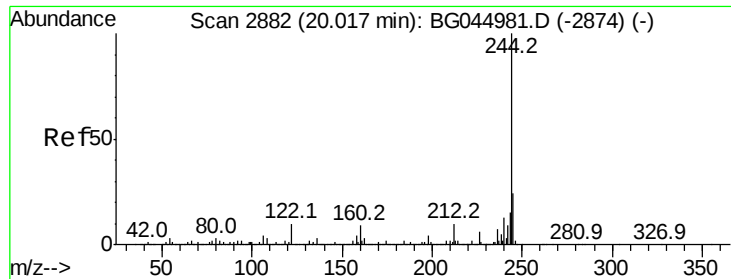
Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion:	202	Resp:	1453712
Ion Ratio	Lower	Upper	
202	100		
200	23.4	19.0	28.6
203	19.6	16.1	24.1





#79

Terphenyl-d14

Concen: 104.444 ng

RT: 19.99 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MSD

Tot Ion:244 Resp: 2163155

Ion Ratio Lower Upper

244 100

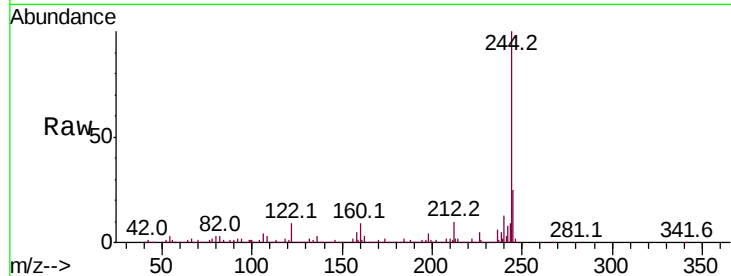
212 9.7 7.9 11.9

122 9.5 7.7 11.5

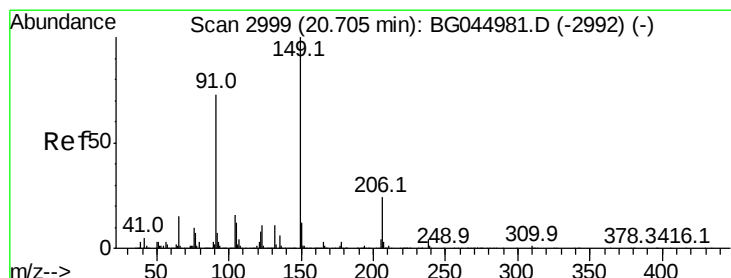
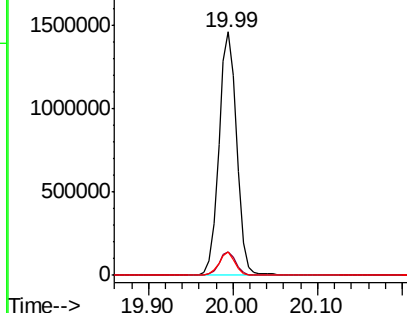
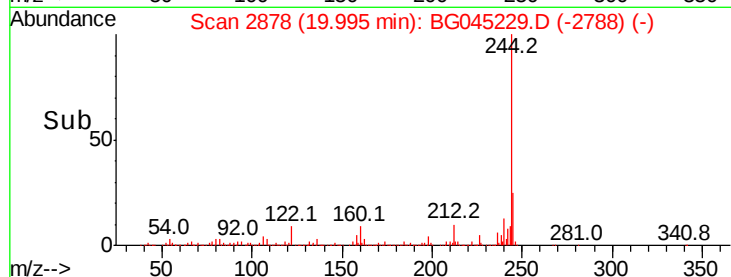
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Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.290 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

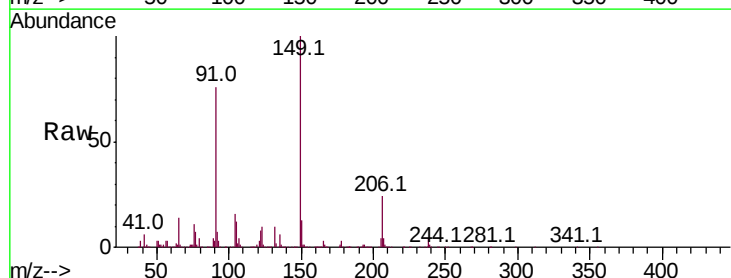
Tgt Ion:149 Resp: 597133

Ion Ratio Lower Upper

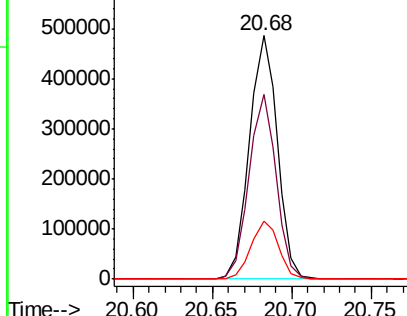
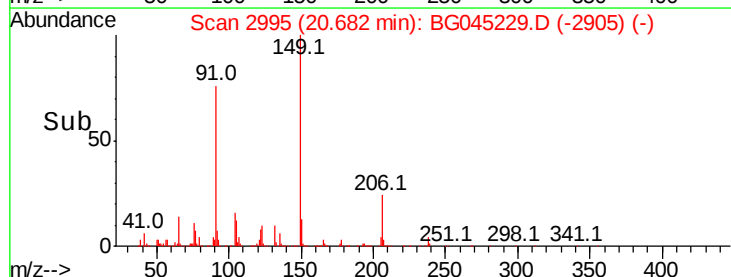
149 100

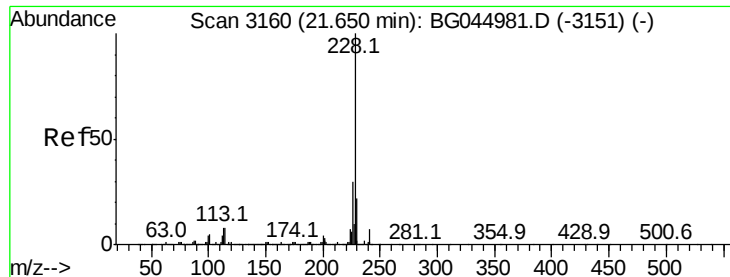
91 75.7 58.5 87.7

206 24.1 19.2 28.8



Abundance Ion 149.00 (148.70 to 149.70): E
600000
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.449 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MSD

Tot Ion:228 Resp: 1417538

Ion Ratio Lower Upper

228 100

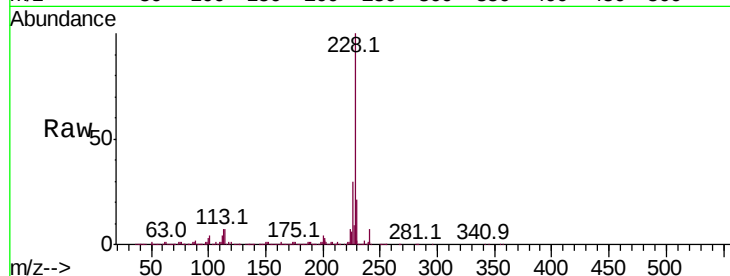
226 29.7 24.0 36.0

229 21.1 17.5 26.3

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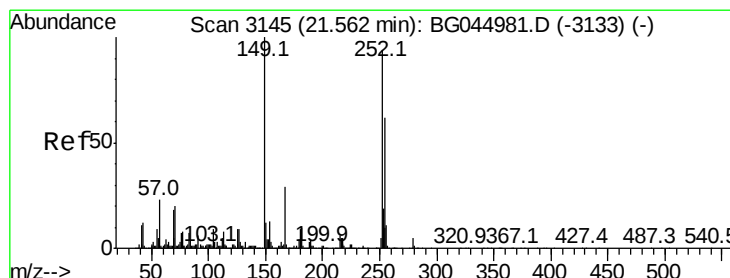
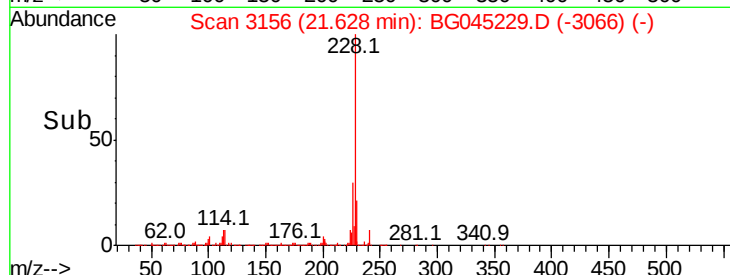
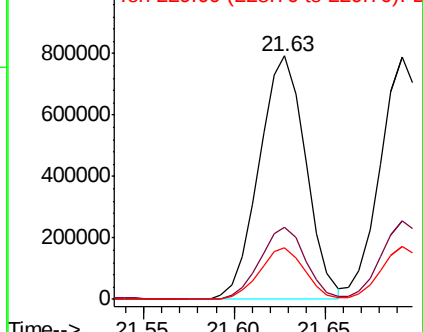


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.889 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

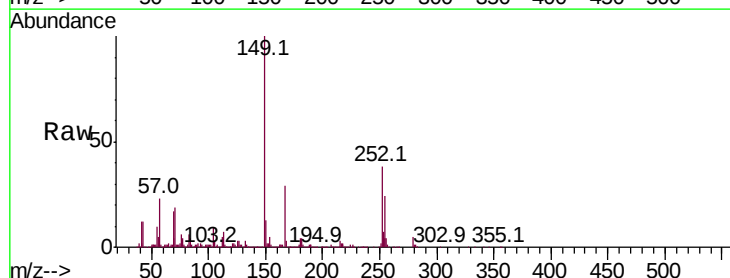
Tgt Ion:252 Resp: 359714

Ion Ratio Lower Upper

252 100

254 64.8 52.6 79.0

126 8.5 7.5 11.3

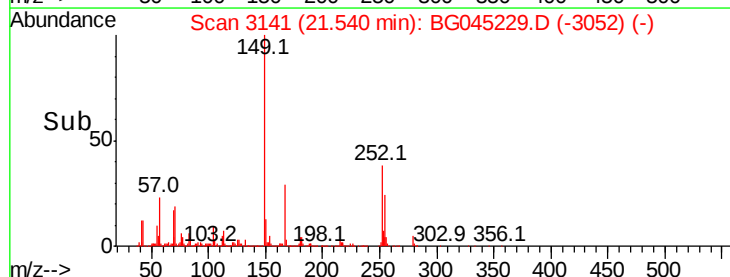
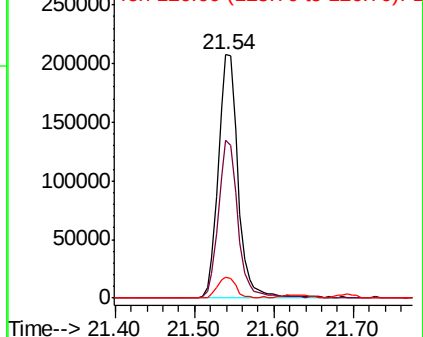


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





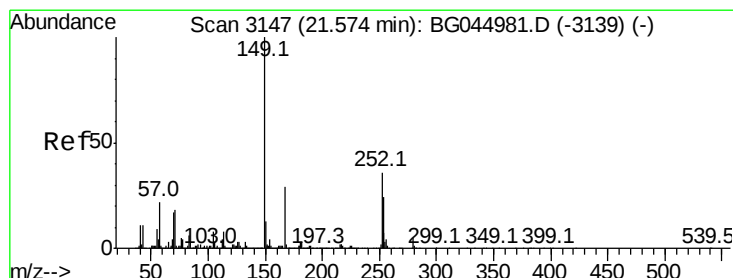
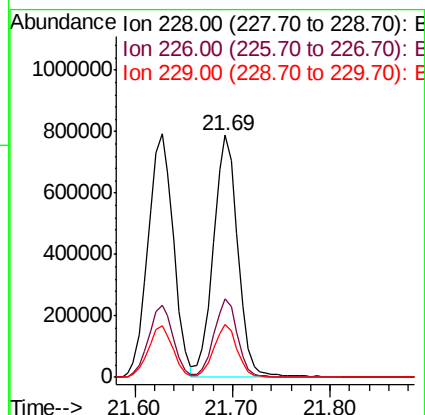
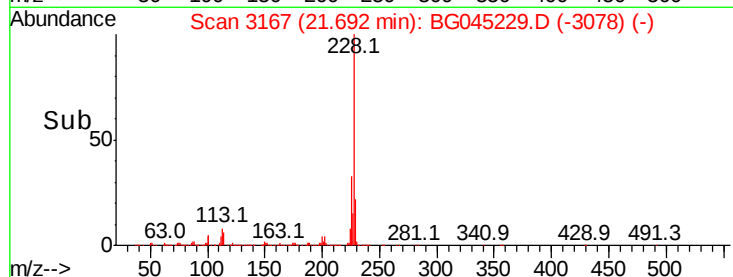
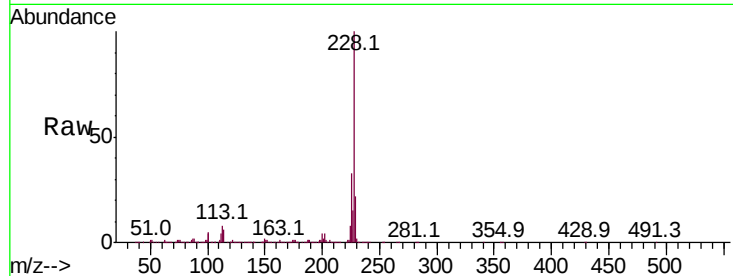
#83
Chrysene
Concen: 48.303 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	21.8	17.0	25.6

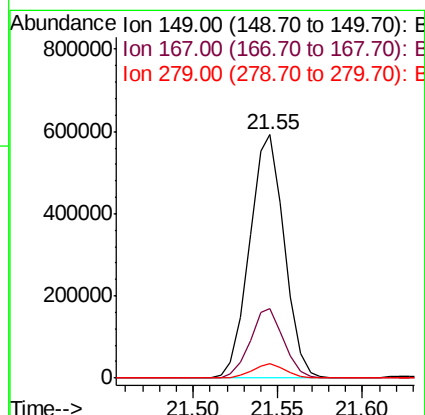
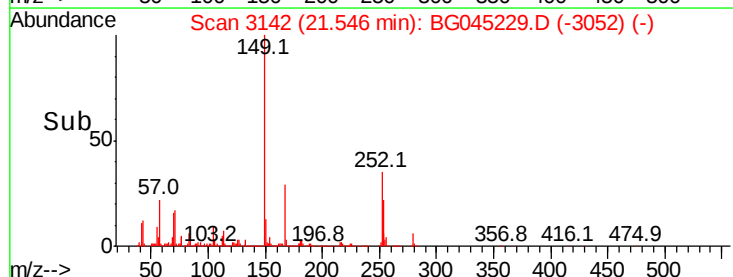
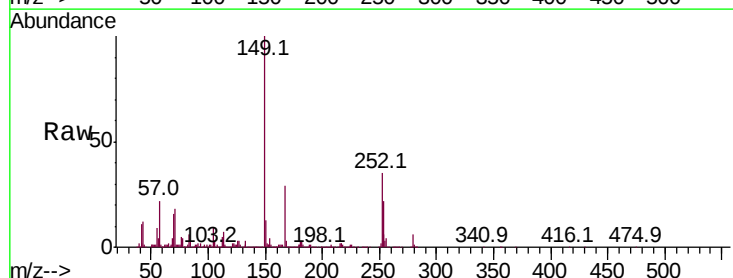
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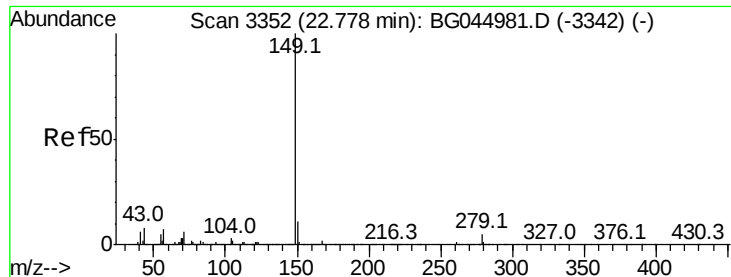
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.574 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	5.8	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 47.001 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MSD

Tot Ion:149 Resp: 1441990

Ion Ratio Lower Upper

149 100

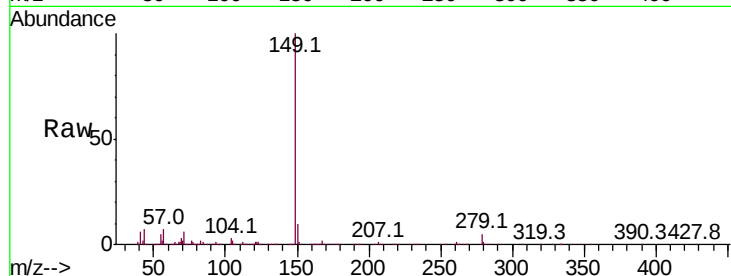
167 1.7 1.4 2.2

43 7.2 5.7 8.5

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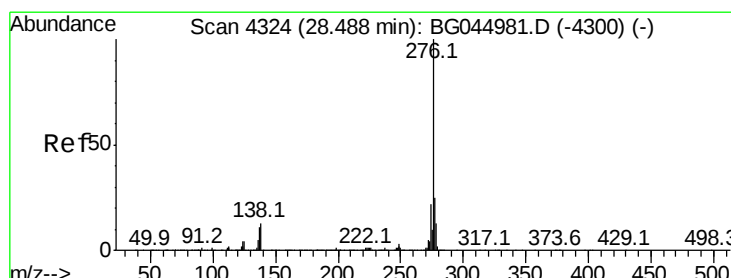
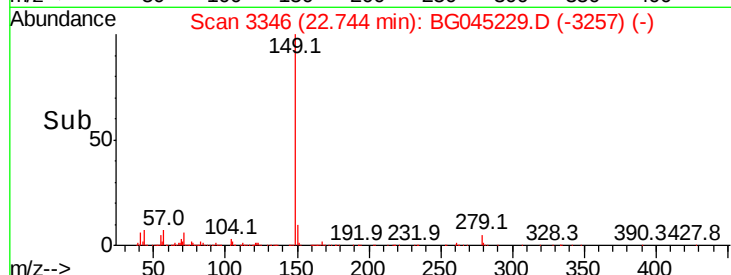
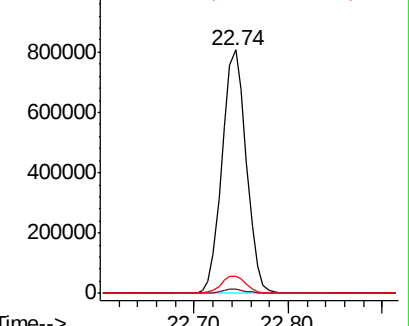
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.929 ng

RT: 28.43 min Scan# 4314

Delta R.T. -0.01 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

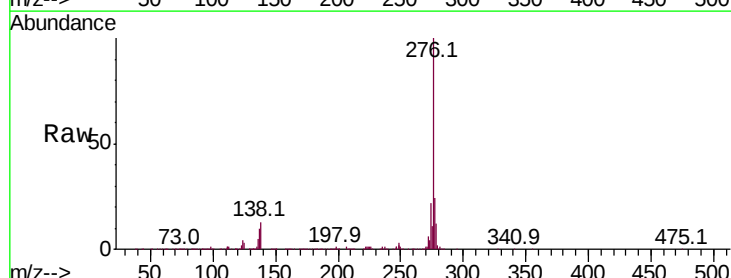
Tgt Ion:276 Resp: 1863506

Ion Ratio Lower Upper

276 100

138 9.9 9.6 14.4

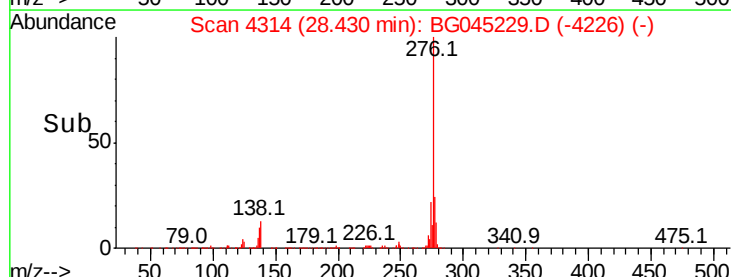
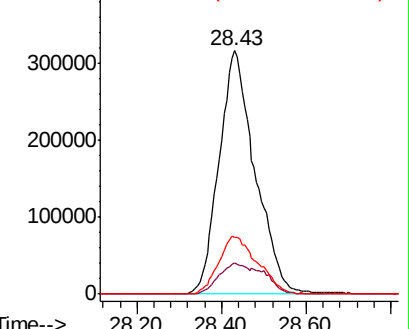
277 25.7 20.6 31.0

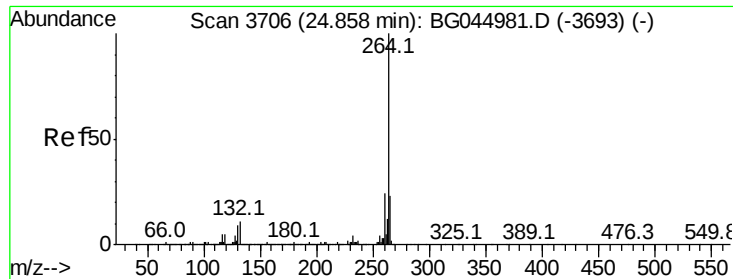


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Instrument :

BNA_G

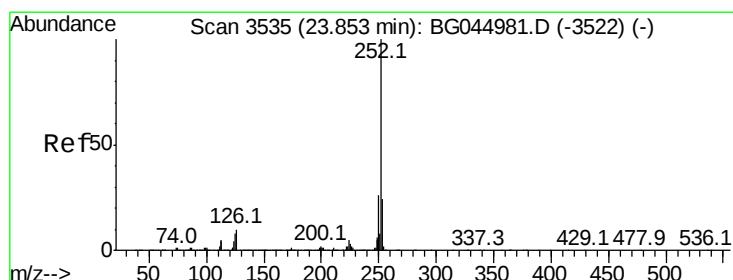
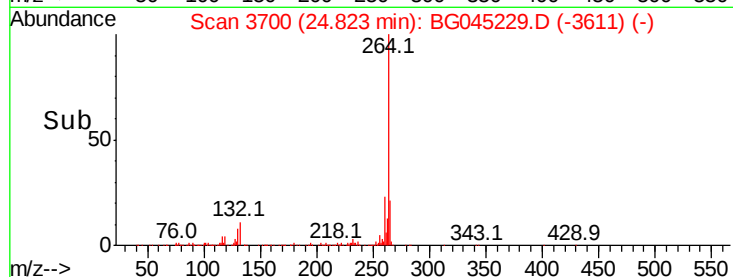
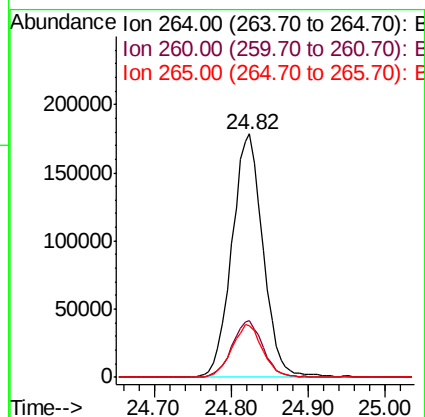
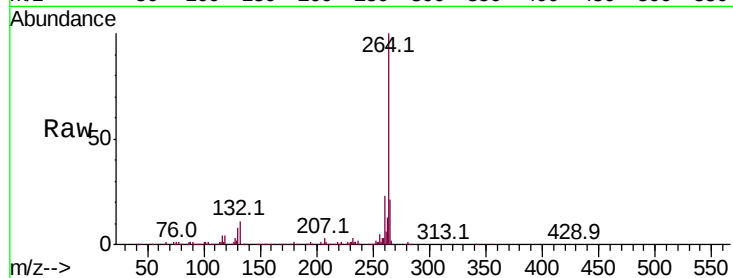
ClientSampleId :

SU-03-043020MSD

Tot Ion:	264	Resp:	502928
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.2	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 49.743 ng

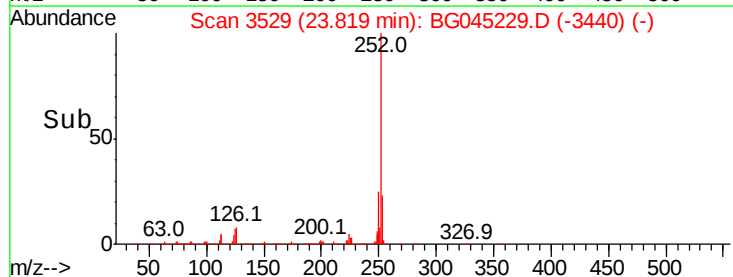
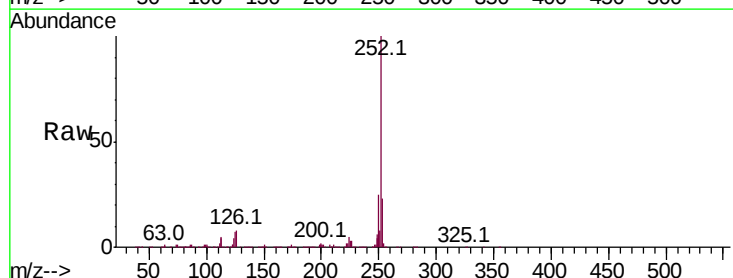
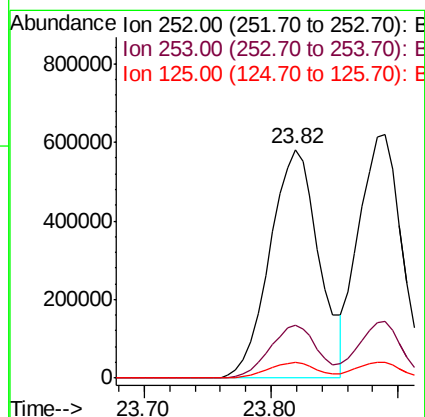
RT: 23.82 min Scan# 3529

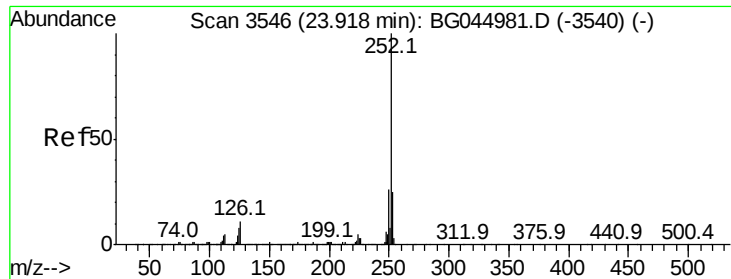
Delta R.T. -0.01 min

Lab File: BG045229.D

Acq: 1 May 2020 23:38

Tgt Ion:	252	Resp:	1567077
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.8	28.2
125	7.0	6.2	9.4





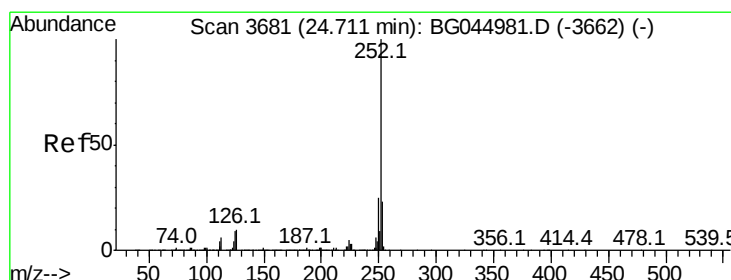
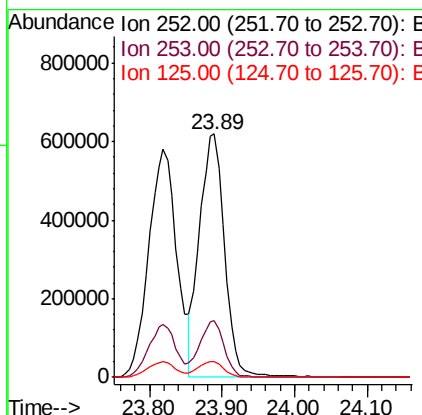
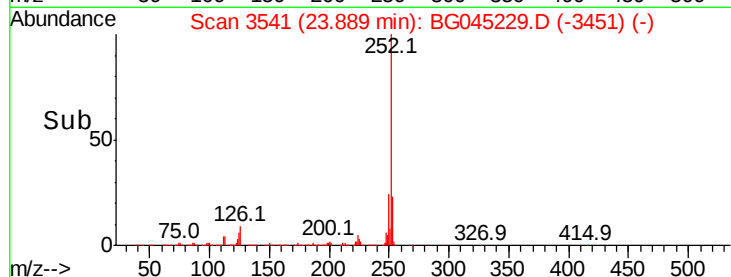
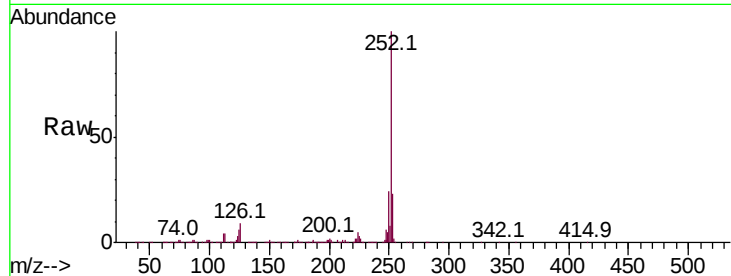
#89
Benzo(k)fluoranthene
Concen: 49.282 ng
RT: 23.89 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	6.4	5.9	8.9

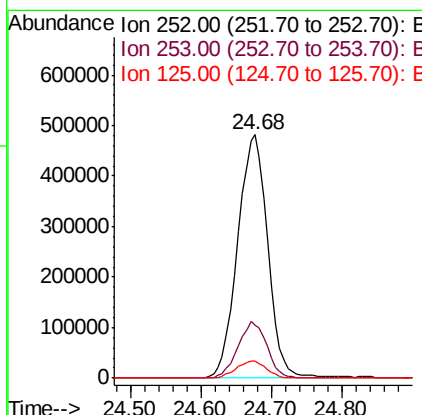
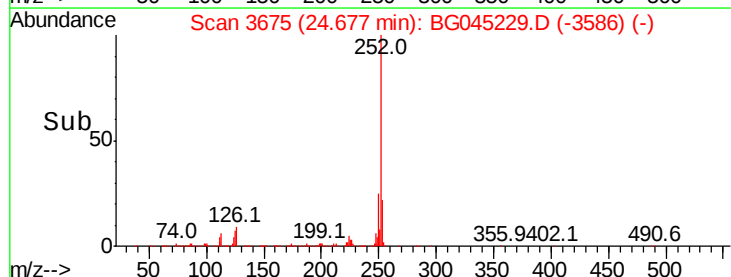
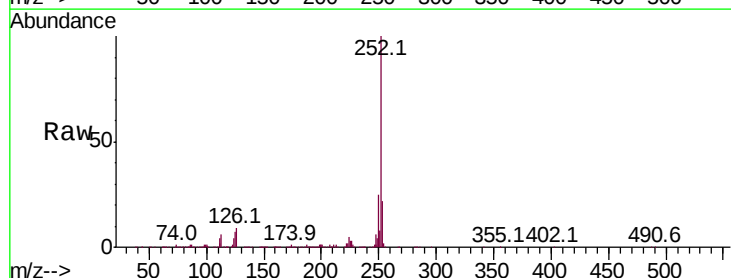
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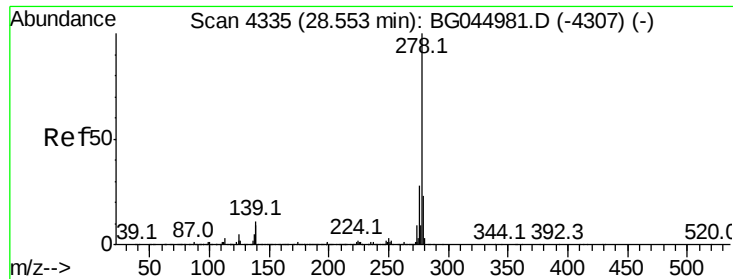
mohammad
5/4/2020 3:46:21 PM



#90
Benzo(a)pyrene
Concen: 47.992 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	7.1	7.0	10.6





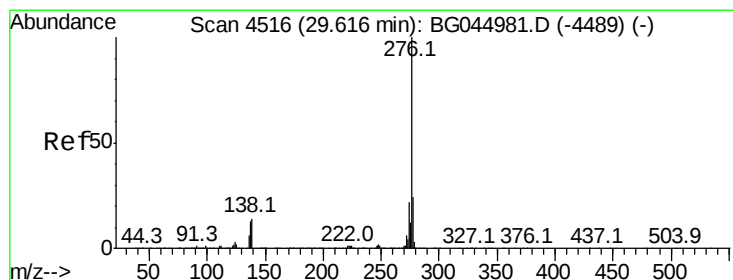
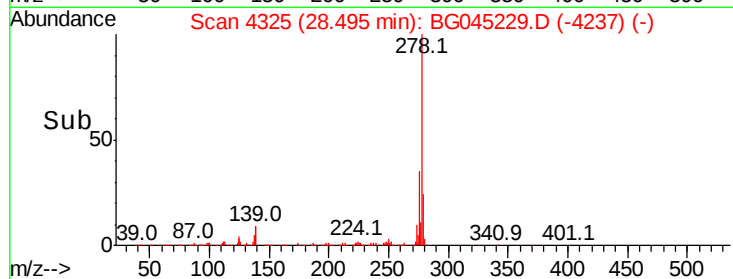
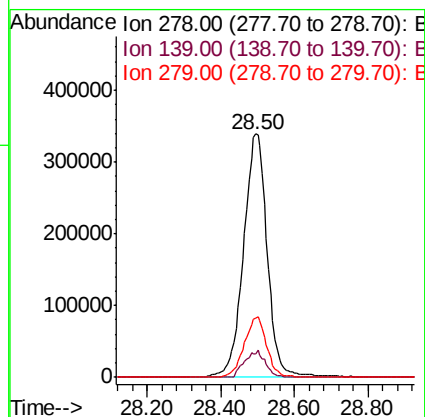
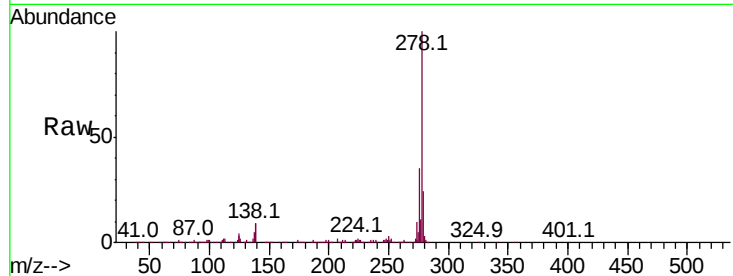
#91
Dibenzo(a,h)anthracene
Concen: 50.597 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.0	13.6
279	24.4	18.4	27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 51.172 ng
RT: 29.56 min Scan# 4506
Delta R.T. -0.01 min
Lab File: BG045229.D
Acq: 1 May 2020 23:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.3	28.9
138	13.6	11.4	17.2

