

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BG045221.D
 Acq On : 1 May 2020 18:17
 Operator : CG/JU
 Sample : L2122-15MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

Manual Integrations
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 5/4/2020 3:46:16 PM

Quant Time: May 01 18:54:13 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	61656	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	248880	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	184976	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	472310	20.00	ng	0.00
76) Chrysene-d12	21.65	240	444518	20.00	ng	0.00
87) Perylene-d12	24.82	264	502994	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	507233	135.82	ng	0.00
7) Phenol-d6	7.16	99	640852	115.50	ng	0.00
23) Nitrobenzene-d5	9.15	82	508941	93.31	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	429090	150.16	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1212662	96.13	ng	0.00
79) Terphenyl-d14	19.99	244	2147034	105.27	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.46	88	73468	44.266	ng	# 46
3) Pyridine	3.86	79	96442	18.873	ng	99
4) n-Nitrosodimethylamine	3.76	42	73411	46.894	ng	99
6) Aniline	7.31	93	193979	26.888	ng	98
8) 2-Chlorophenol	7.56	128	202831	50.535	ng	98
9) Benzaldehyde	7.12	77	162119	58.597	ng	87
10) Phenol	7.19	94	227956	41.055	ng	99
11) bis(2-Chloroethyl)ether	7.40	93	194810	44.067	ng	99
12) 1,3-Dichlorobenzene	7.88	146	201068	42.513	ng	97
13) 1,4-Dichlorobenzene	8.03	146	203138	43.104	ng	99
14) 1,2-Dichlorobenzene	8.34	146	193538	42.926	ng	97
15) Benzyl Alcohol	8.23	79	208494	44.817	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	181412	41.805	ng	97
17) 2-Methylphenol	8.44	107	178422	41.649	ng	94
18) Hexachloroethane	9.08	117	77346	43.657	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	170729	43.509	ng	96
20) 3+4-Methylphenols	8.77	107	246923	41.179	ng	98
22) Acetophenone	8.81	105	323011	47.993	ng	# 96
24) Nitrobenzene	9.19	77	263730	47.170	ng	92
25) Isophorone	9.72	82	502866	45.020	ng	98
26) 2-Nitrophenol	9.91	139	118841	49.346	ng	98
27) 2,4-Dimethylphenol	9.97	122	197157	51.594	ng	90
28) bis(2-Chloroethoxy)methane	10.20	93	270421	46.077	ng	97
29) 2,4-Dichlorophenol	10.45	162	220639	50.004	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	227611	45.561	ng	97
31) Naphthalene	10.85	128	636017	46.715	ng	99
32) Benzoic acid	10.12	122	121290	40.447	ng	91
33) 4-Chloroaniline	10.95	127	93036	14.652	ng	98
34) Hexachlorobutadiene	11.15	225	155772	45.478	ng	98
35) Caprolactam	11.72	113	57453m	32.716	ng	
36) 4-Chloro-3-methylphenol	12.09	107	252638	48.740	ng	92
37) 2-Methylnaphthalene	12.46	142	500936	47.403	ng	96
38) 1-Methylnaphthalene	12.67	142	478783	47.992	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	282653	47.459	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	382638	102.793	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	208619	49.632	nq	95
44) 2,4,5-Trichlorophenol	13.14	196	227648	47.580	nq	99
46) 1,1'-Biphenyl	13.47	154	664521	47.265	nq	98
47) 2-Chloronaphthalene	13.51	162	498670	46.419	nq	100
48) 2-Nitroaniline	13.70	65	168558	47.688	nq	99
49) Acenaphthylene	14.35	152	859165	49.099	nq	100
50) Dimethylphthalate	14.09	163	776465	51.553	nq	98
51) 2,6-Dinitrotoluene	14.20	165	166292	49.362	nq	99
52) Acenaphthene	14.70	154	657125m	55.503	nq	
53) 3-Nitroaniline	14.53	138	107839	29.186	nq	93
54) 2,4-Dinitrophenol	14.74	184	219867	109.757	nq	94
55) Dibenzofuran	15.04	168	837755	48.534	nq	98
56) 4-Nitrophenol	14.85	139	236129	82.423	nq	93
57) 2,4-Dinitrotoluene	14.99	165	234625	47.657	nq	99
58) Fluorene	15.68	166	707746	50.198	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	223084	52.402	nq	98
60) Diethylphthalate	15.45	149	741546	47.223	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	394566	48.620	nq	98
62) 4-Nitroaniline	15.70	138	164506	42.926	nq	88
63) Azobenzene	15.97	77	718461	49.625	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	158820	51.158	nq	97
66) n-Nitrosodiphenylamine	15.89	169	641883	47.300	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	278010	45.626	nq	97
68) Hexachlorobenzene	16.69	284	300445	47.544	nq	99
69) Atrazine	16.84	200	241592	49.263	nq	97
70) Pentachlorophenol	17.03	266	382767	98.736	nq	98
71) Phenanthrene	17.43	178	1168291	48.136	nq	100
72) Anthracene	17.51	178	1206638	49.562	nq	100
73) Carbazole	17.78	167	1097822	44.434	nq	98
74) Di-n-butylphthalate	18.35	149	1318954	49.672	nq	99
75) Fluoranthene	19.44	202	1474535	52.751	nq	98
77) Benzidine	19.62	184	193483	10.456	nq	99
78) Pyrene	19.79	202	1459243	47.617	nq	100
80) Butylbenzylphthalate	20.68	149	602051	47.395	nq	98
81) Benzo(a)anthracene	21.63	228	1418311	49.228	nq	98
82) 3,3'-Dichlorobenzidine	21.54	252	447334	39.009	nq	98
83) Chrysene	21.69	228	1362548	49.221	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	844515	48.339	nq	100
85) Di-n-octyl phthalate	22.74	149	1448740	47.953	nq	99
86) Indeno(1,2,3-cd)pyrene	28.44	276	1863718	50.709	nq	# 97
88) Benzo(b)fluoranthene	23.82	252	1540671	48.899	nq	99
89) Benzo(k)fluoranthene	23.89	252	1502656	50.150	nq	98
90) Benzo(a)pyrene	24.68	252	1423990	47.869	nq	99
91) Dibenzo(a,h)anthracene	28.50	278	1490900	49.738	nq	96
92) Benzo(g,h,i)perylene	29.56	276	1545859	51.440	nq	99

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

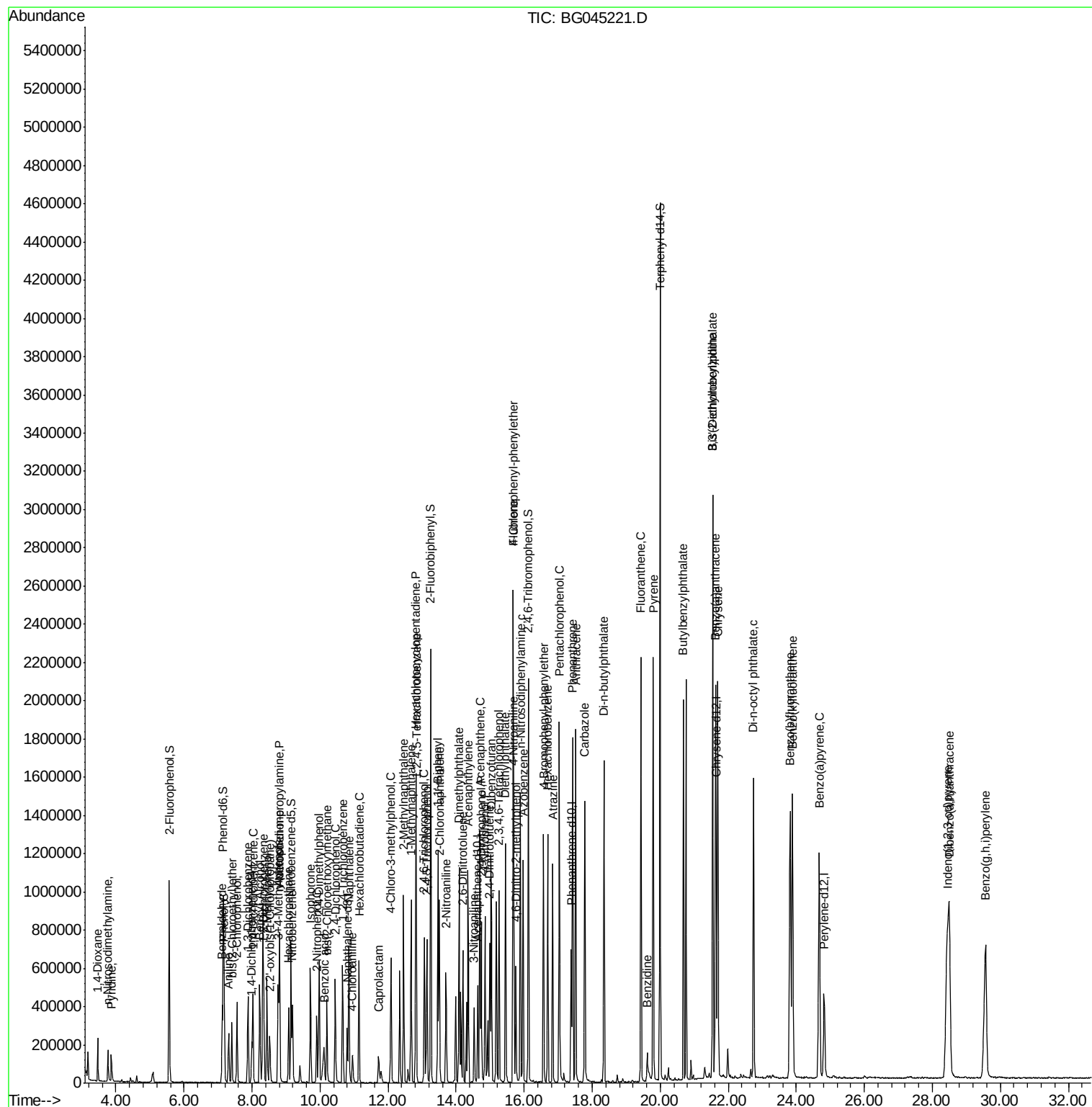
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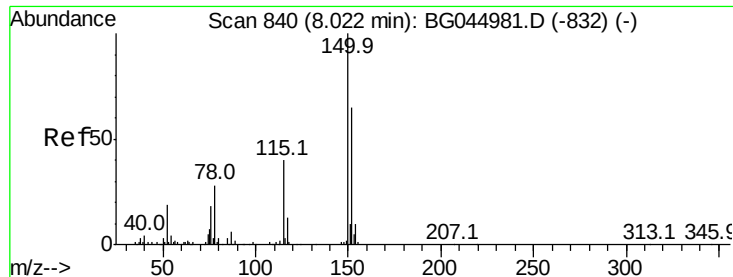
Instrument :
BNA_G
ClientSampleId :
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#1

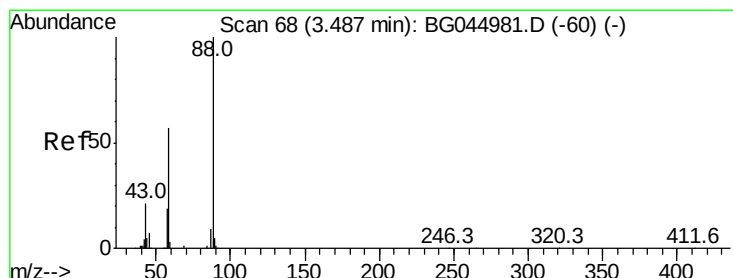
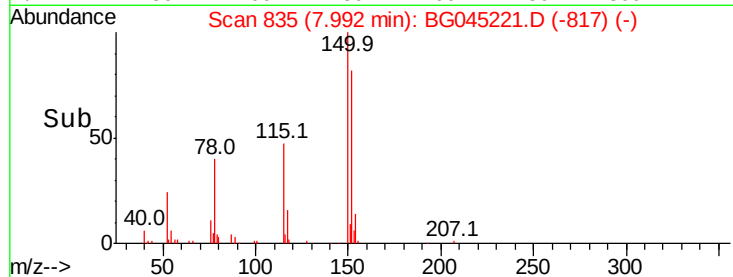
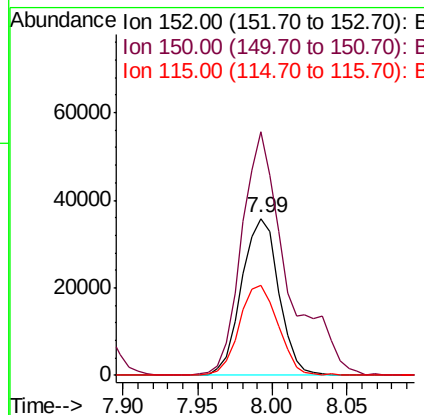
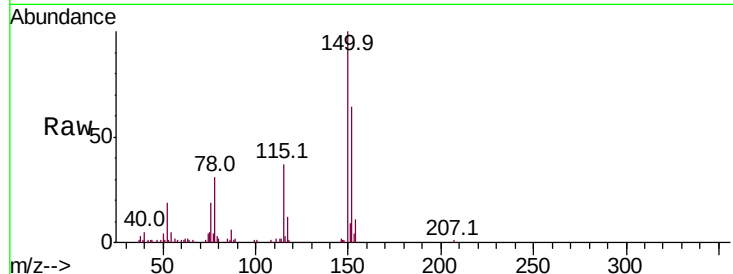
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.6	185.4
115	57.3	49.1	73.7

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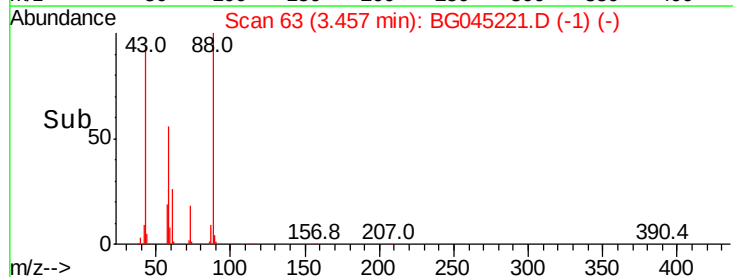
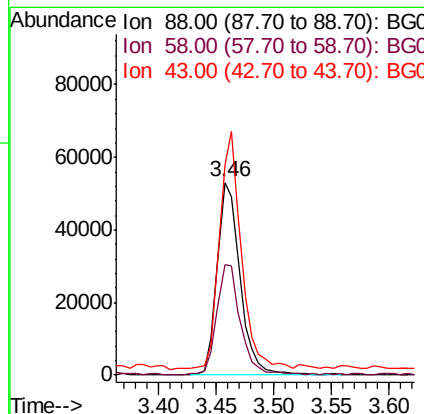
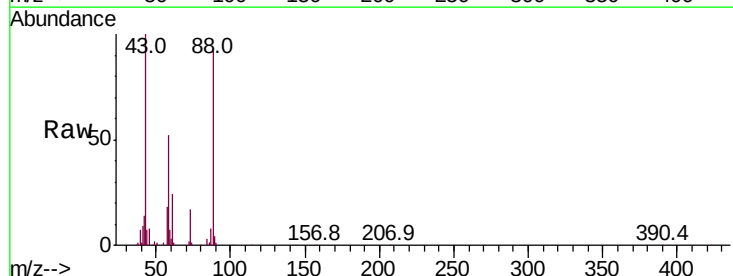
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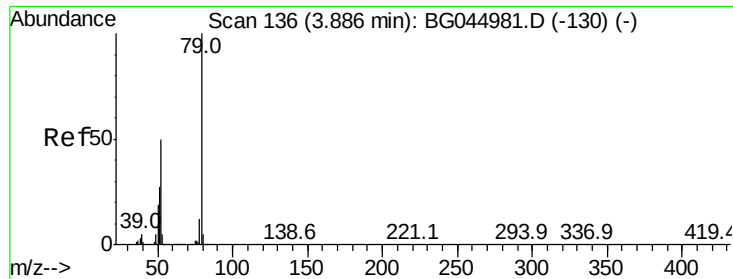


#2

1,4-Dioxane
Concen: 44.266 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.2	46.6	69.8
43	115.6	17.5	26.3





#3

Pvridine

Concen: 18.873 ng

RT: 3.86 min Scan# 132

Delta R.T. 0.02 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

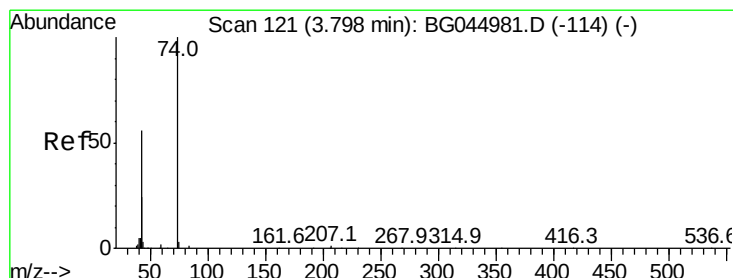
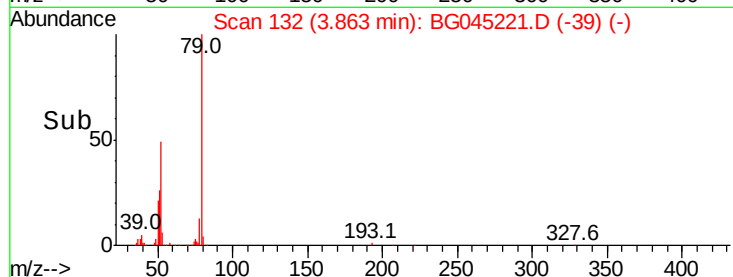
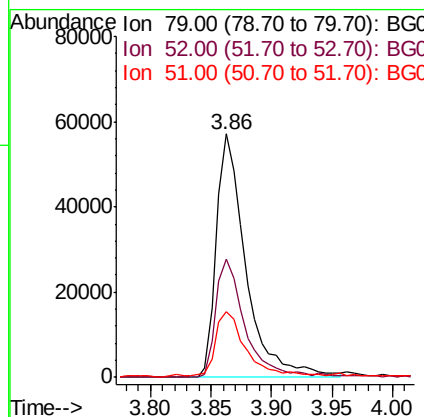
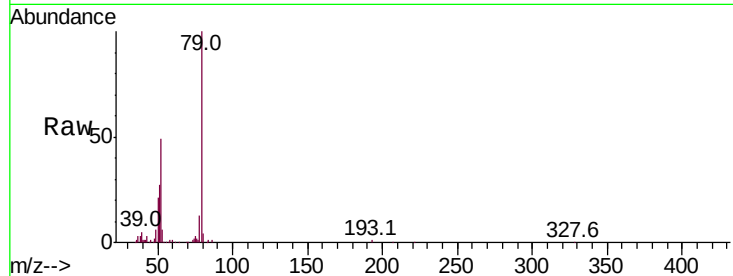
ClientSampleId :

SU-03-043020MS

Tot Ion:	79	Resp:	96442
Ion Ratio	Lower	Upper	
79	100		
52	48.5	39.8	59.6
51	26.9	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 46.894 ng

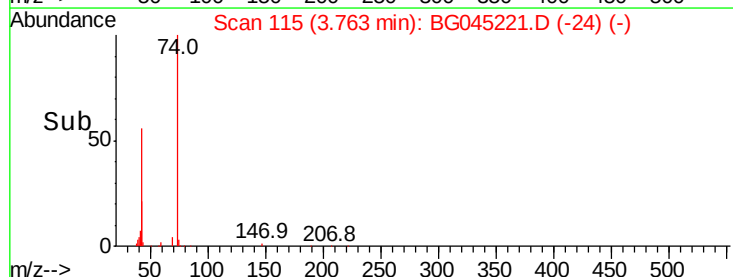
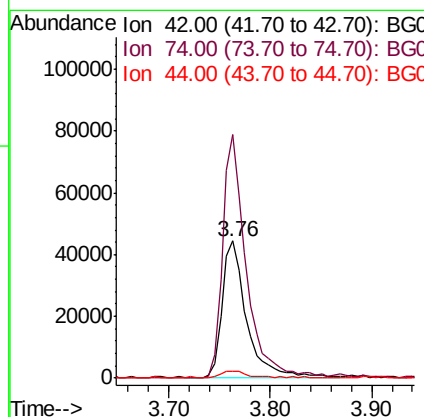
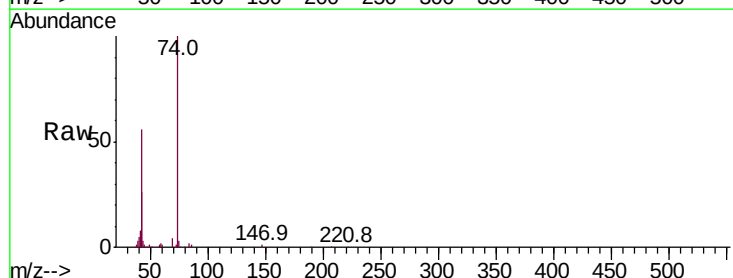
RT: 3.76 min Scan# 115

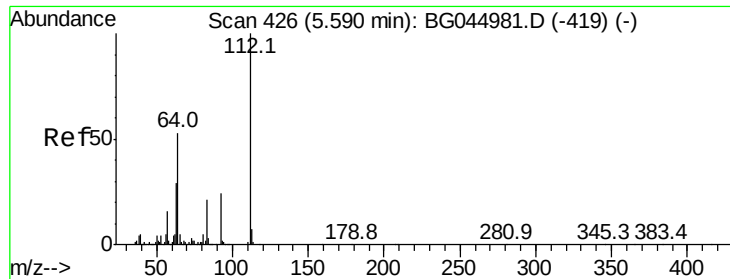
Delta R.T. 0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	42	Resp:	73411
Ion Ratio	Lower	Upper	
42	100		
74	177.5	143.0	214.6
44	4.8	4.6	6.8





#5

2-Fluorophenol

Concen: 135.820 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

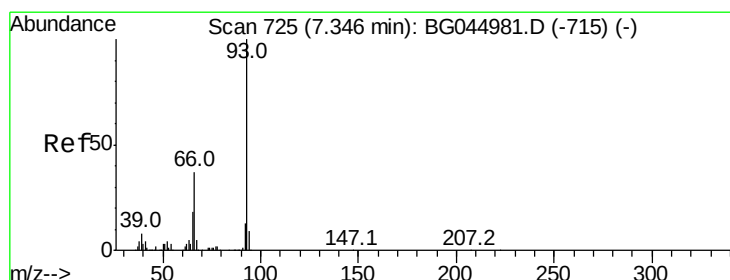
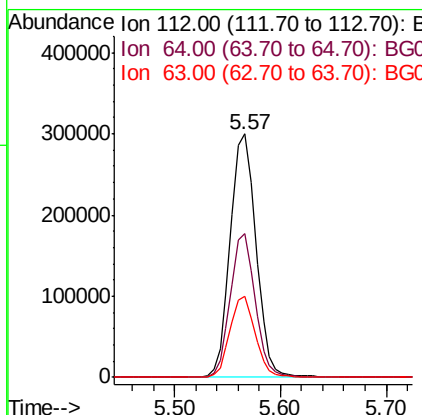
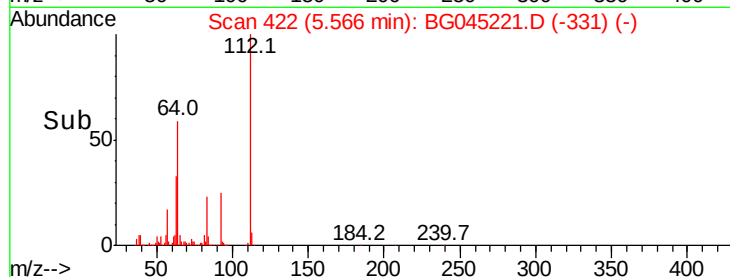
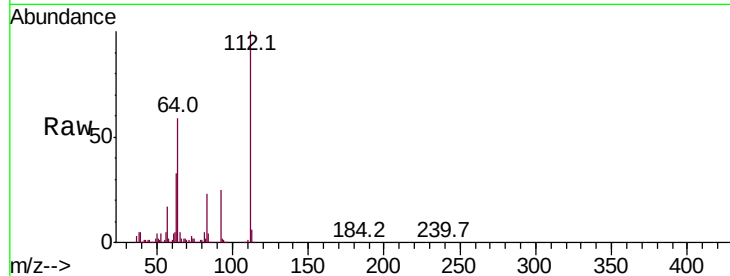
ClientSampleId :

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Tot Ion:	112	Resp:	507233
Ion Ratio	Lower	Upper	
112	100		
64	58.9	42.4	63.6
63	33.1	23.1	34.7

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#6

Aniline

Concen: 26.888 ng

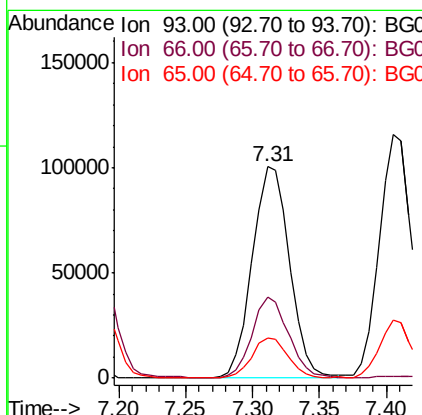
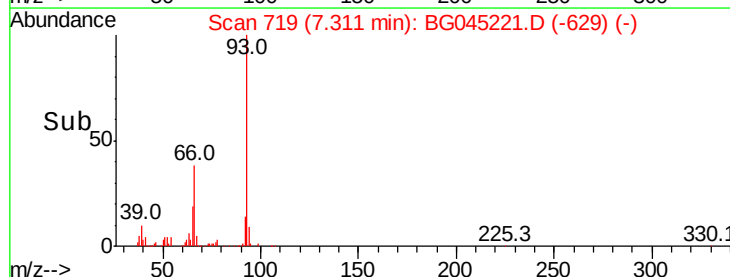
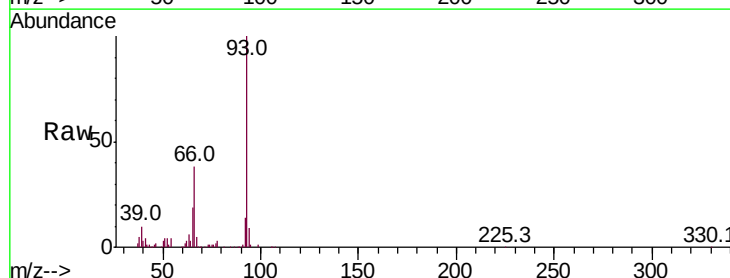
RT: 7.31 min Scan# 719

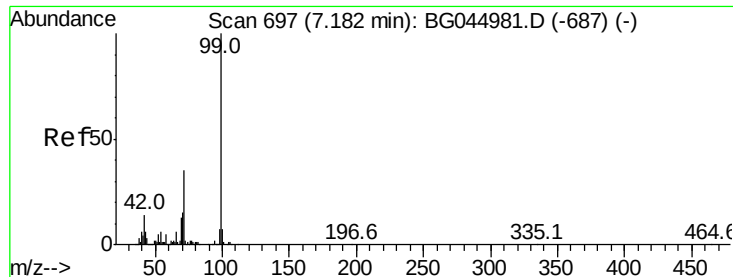
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	93	Resp:	193979
Ion Ratio	Lower	Upper	
93	100		
66	38.4	29.8	44.8
65	19.2	14.6	22.0





#7

Phenol-d6

Concen: 115.497 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

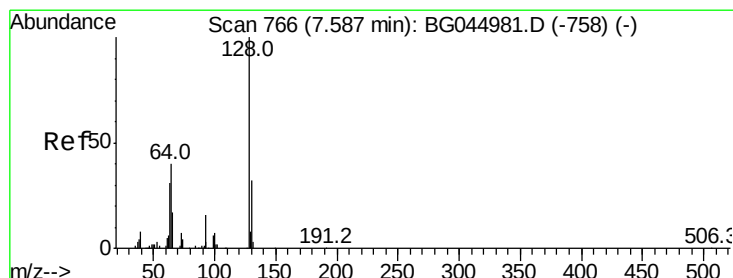
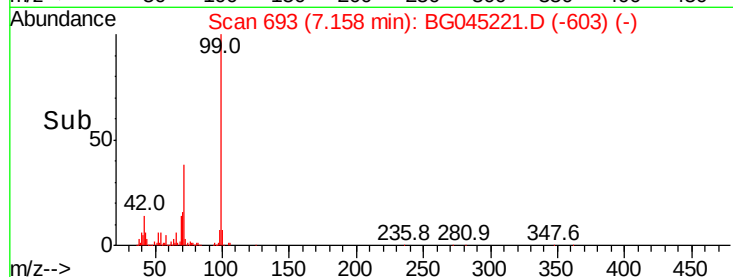
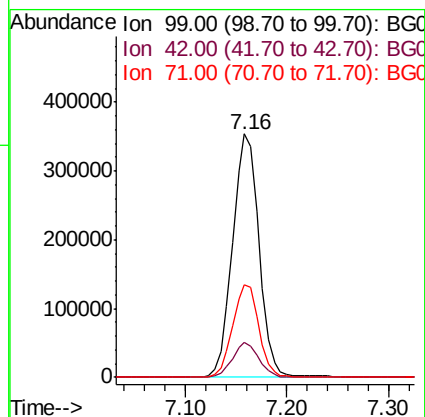
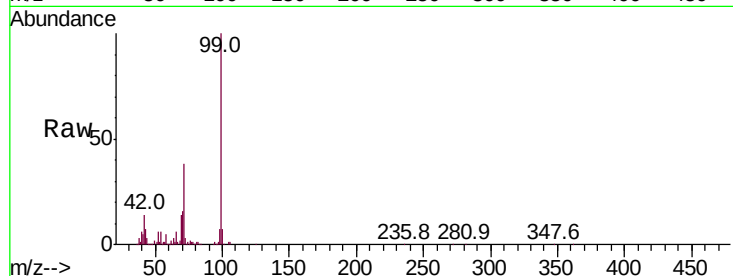
ClientSampleId :

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Tot Ion:	99	Resp:	640852
Ion Ratio	Lower	Upper	
99	100		
42	14.2	11.3	16.9
71	37.8	28.3	42.5

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#8

2-Chlorophenol

Concen: 50.535 ng

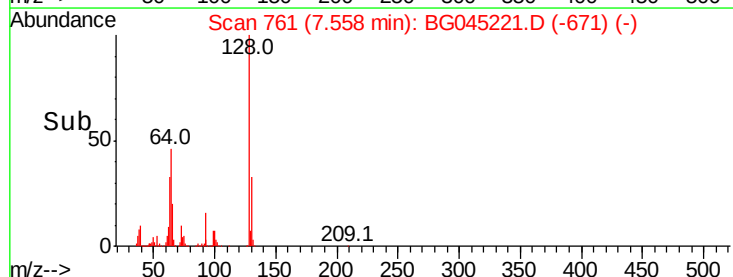
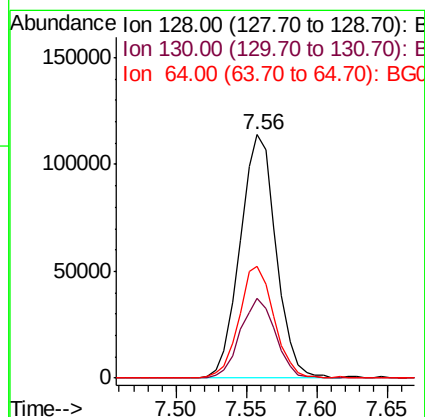
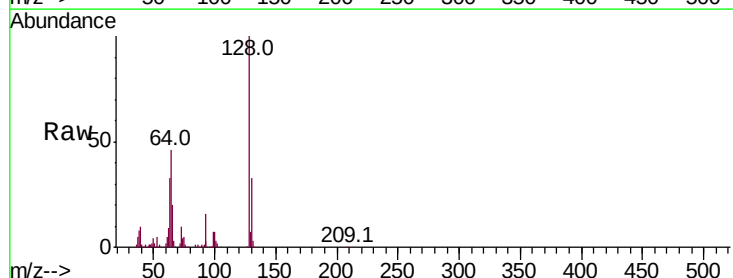
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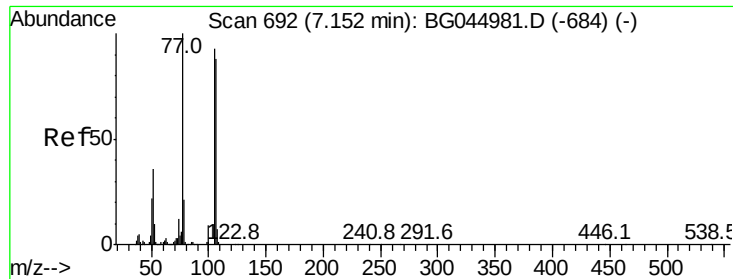
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	128	Resp:	202831
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.3	52.3
64	46.0	24.4	64.4





#9

Benzaldehyde

Concen: 58.597 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

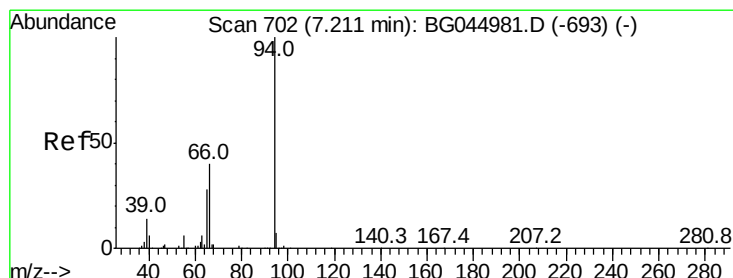
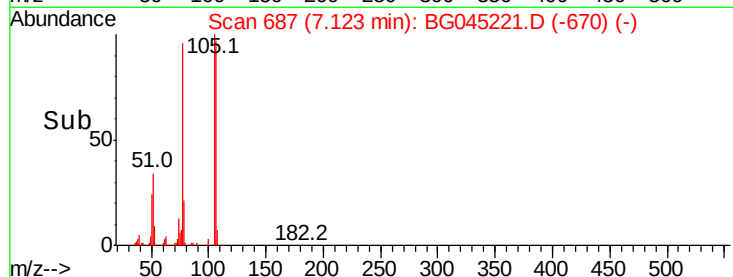
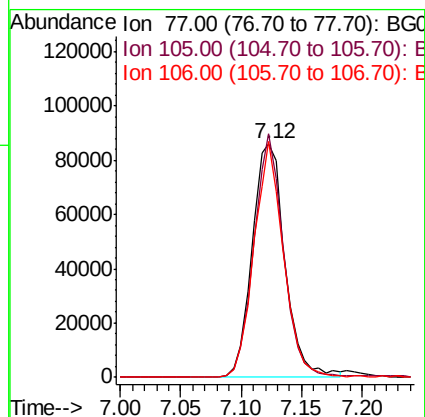
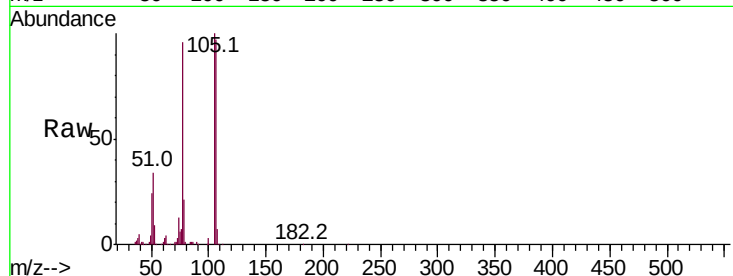
ClientSampleId :

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Tot Ion:	77	Resp:	162119
Ion Ratio	Lower	Upper	
77	100		
105	104.2	72.9	112.9
106	100.9	67.6	107.6

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#10

Phenol

Concen: 41.055 ng

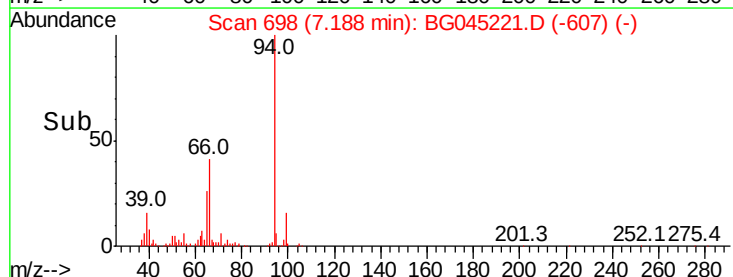
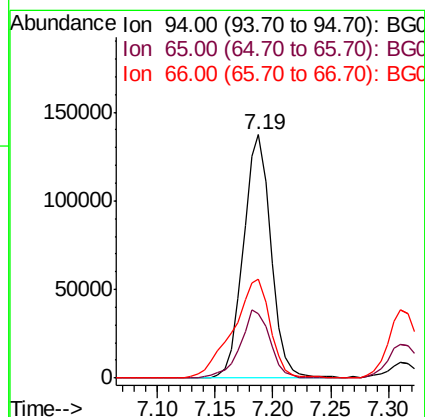
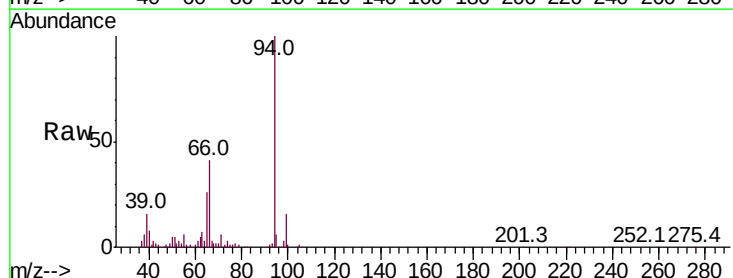
RT: 7.19 min Scan# 698

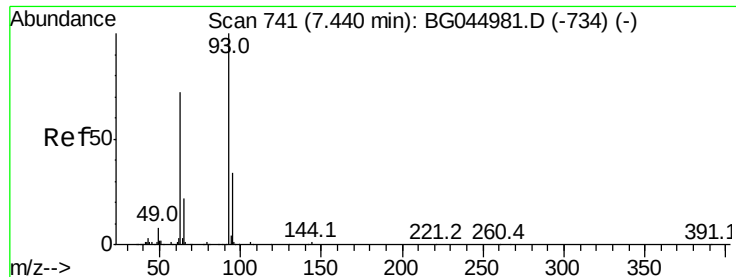
Delta R.T. 0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	94	Resp:	227956
Ion Ratio	Lower	Upper	
94	100		
65	26.5	8.2	48.2
66	40.5	20.4	60.4





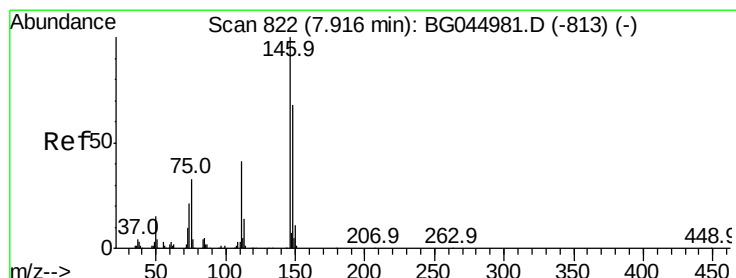
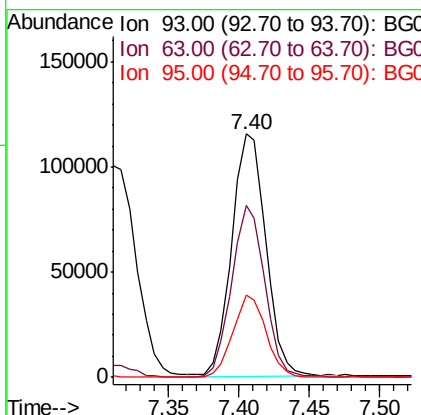
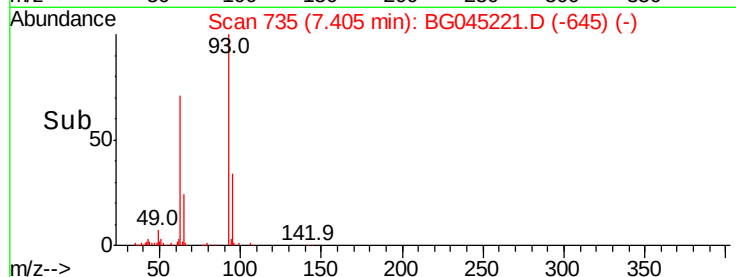
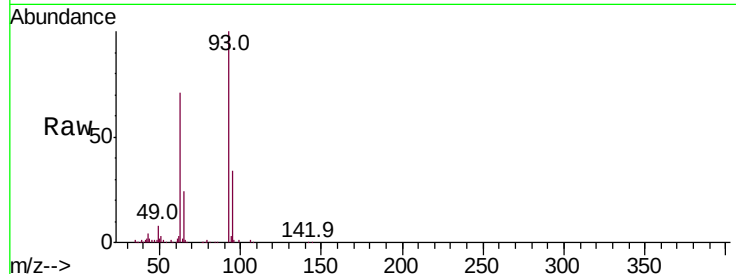
#11
bis(2-Chloroethyl)ether
Concen: 44.067 ng
RT: 7.40 min Scan# 735
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	194810		
63	70.6	51.8	91.8	
95	33.6	13.8	53.8	

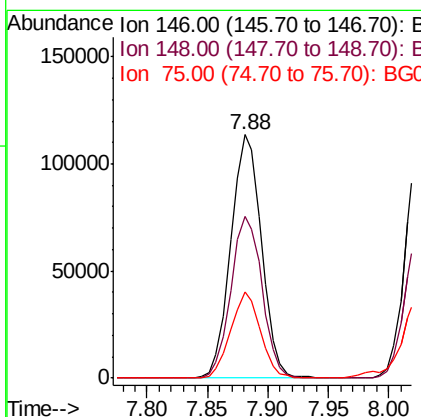
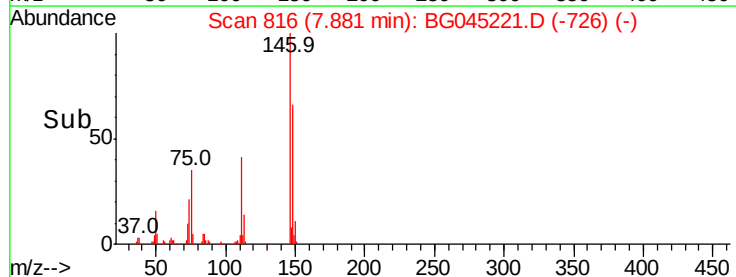
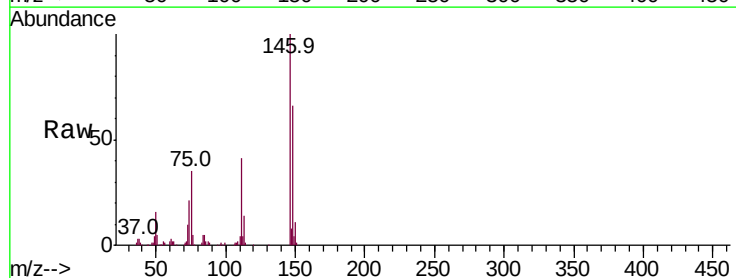
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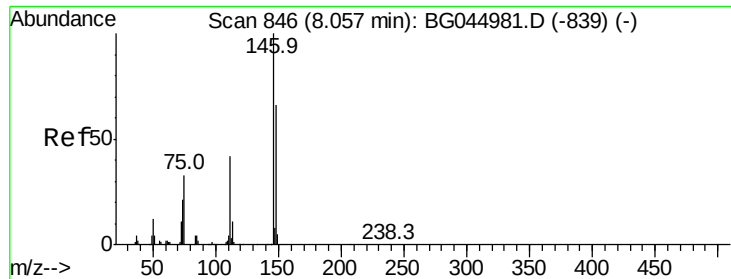
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.513 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	201068		
148	66.2	54.6	81.8	
75	35.4	26.0	39.0	





#13

1,4-Dichlorobenzene

Concen: 43.104 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BG045221.D

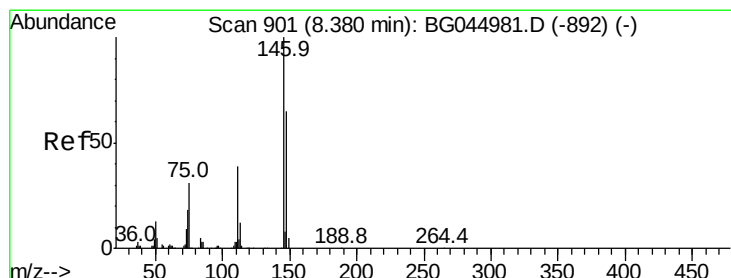
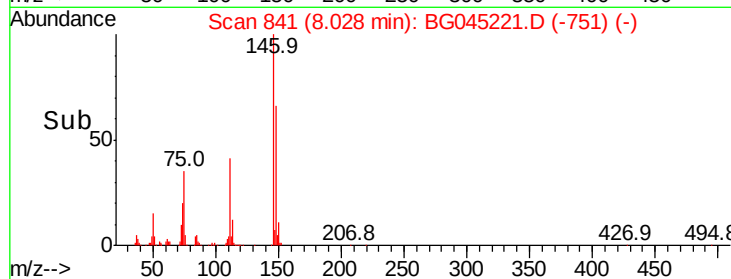
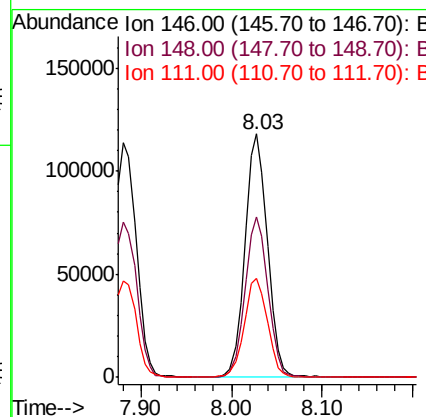
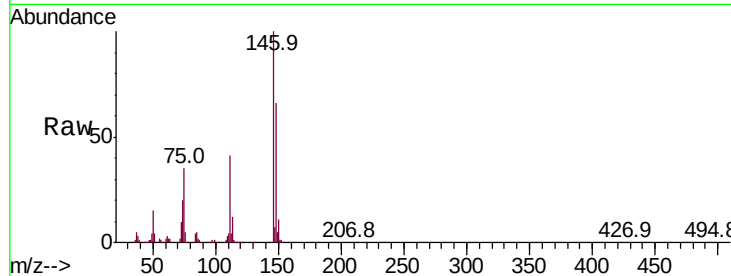
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	203138		
148	66.0	53.3	79.9	
111	40.8	33.8	50.8	

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#14

1,2-Dichlorobenzene

Concen: 42.926 ng

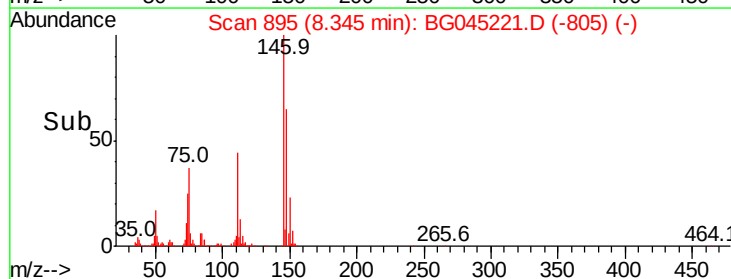
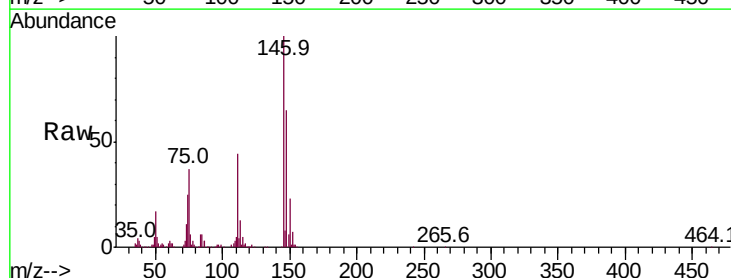
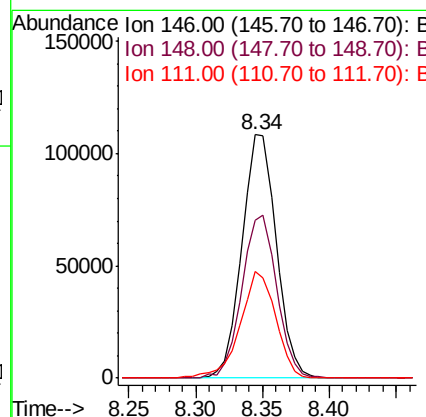
RT: 8.34 min Scan# 895

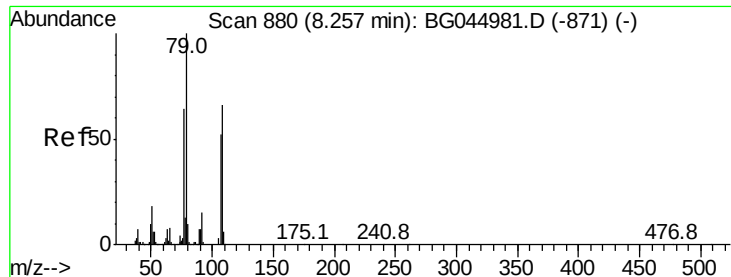
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	193538		
148	65.0	51.9	77.9	
111	44.0	31.3	46.9	





#15

Benzyl Alcohol

Concen: 44.817 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

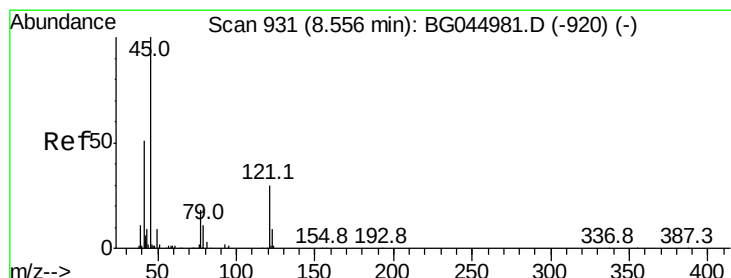
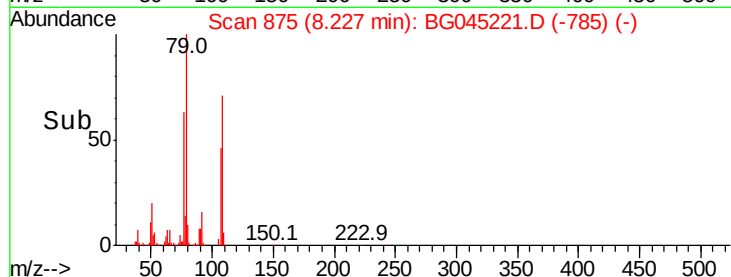
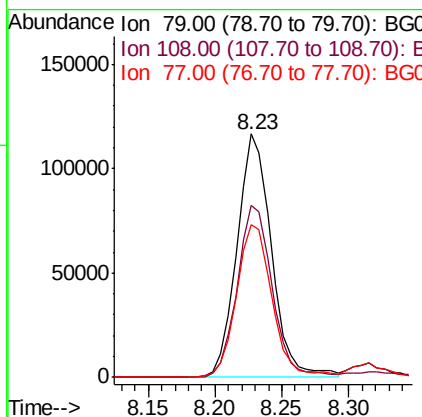
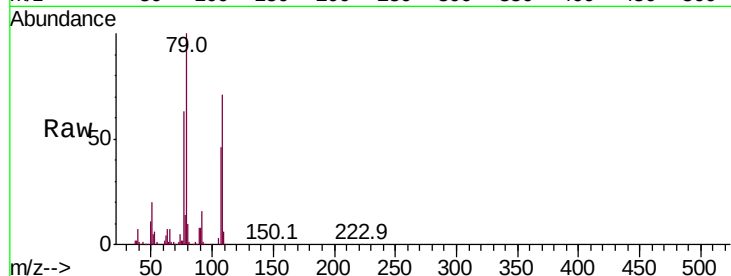
ClientSampleId :

SU-03-043020MS

Tot Ion:	79	Resp:	208494
Ion Ratio	Lower	Upper	
79	100		
108	70.6	52.7	79.1
77	62.8	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.805 ng

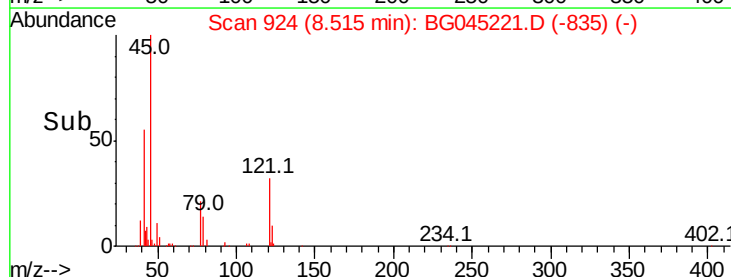
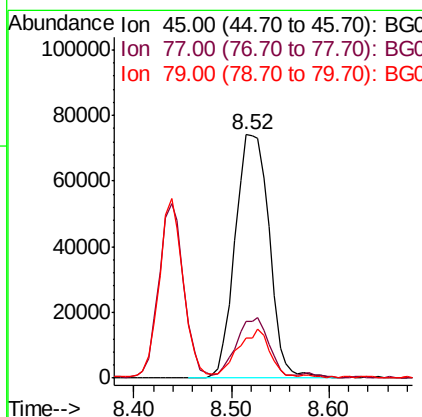
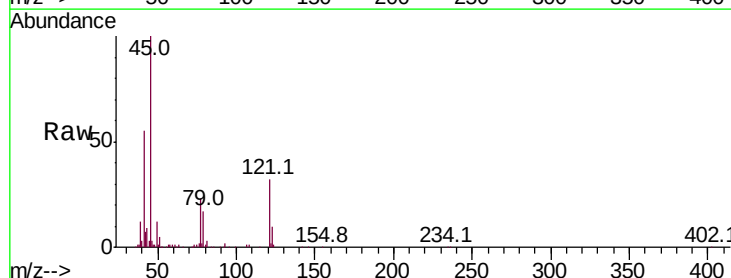
RT: 8.52 min Scan# 924

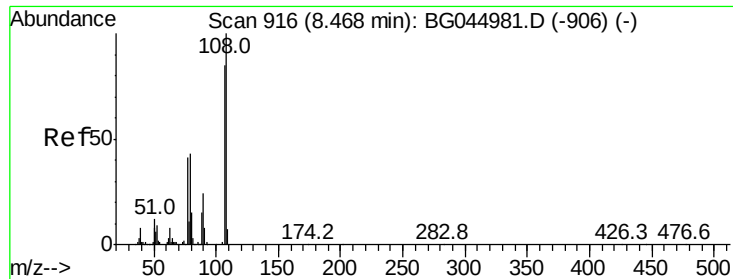
Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	45	Resp:	181412
Ion Ratio	Lower	Upper	
45	100		
77	23.2	1.9	41.9
79	16.5	0.0	35.5





#17

2-Methylphenol

Concen: 41.649 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

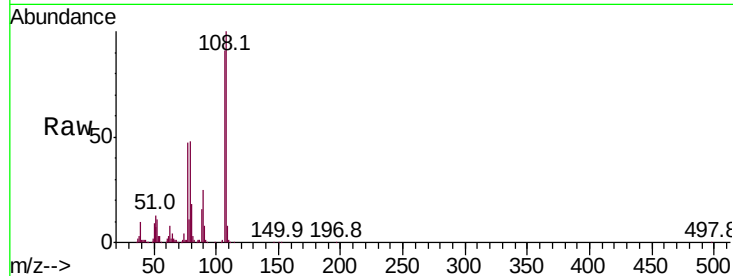
ClientSampleId :

SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	93.8	140.6	
77	51.0	38.5	57.7	
79	52.5	40.1	60.1	

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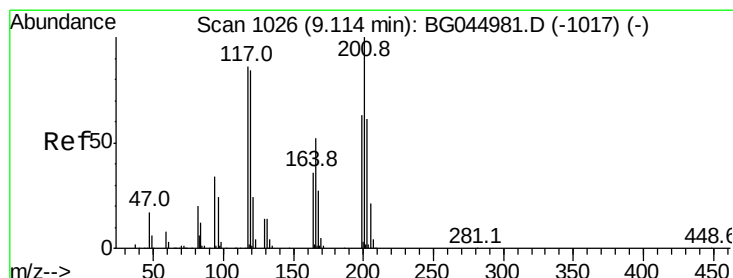
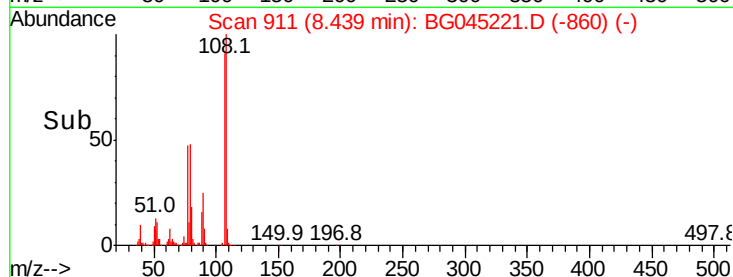
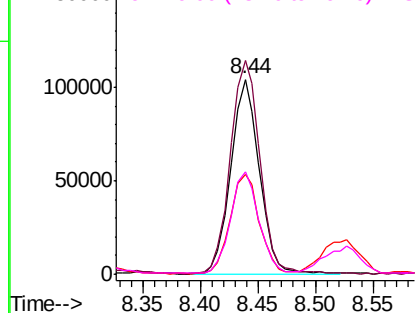
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.657 ng

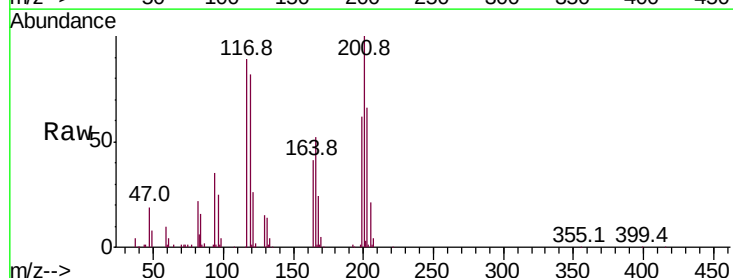
RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.1	78.3	117.5	
201	112.3	92.9	139.3	

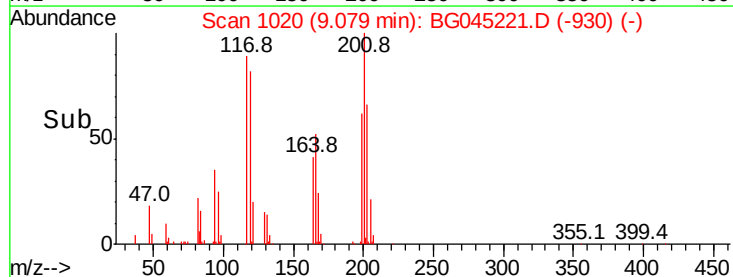
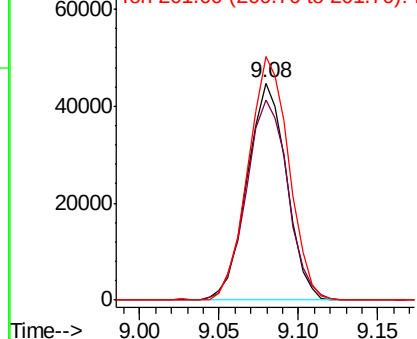


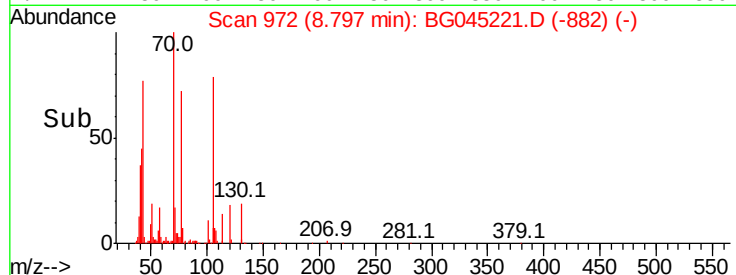
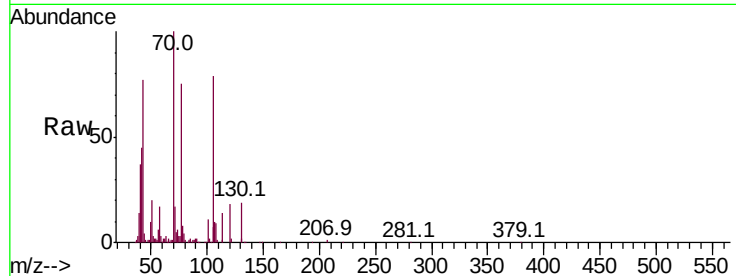
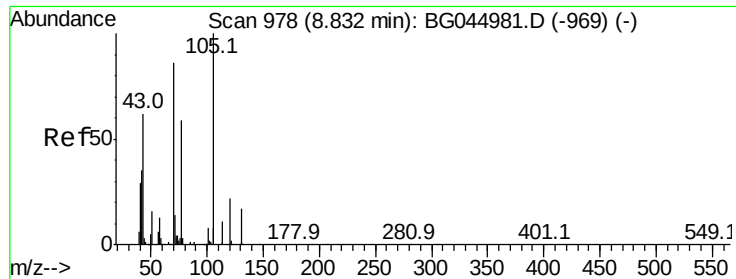
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





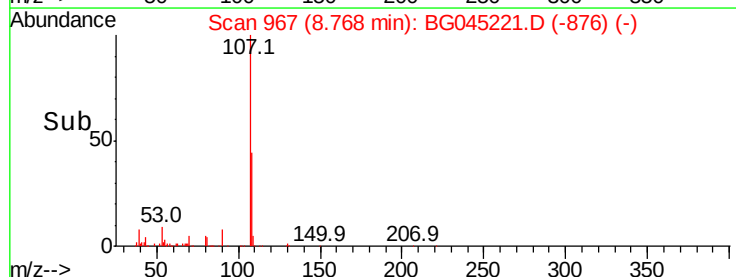
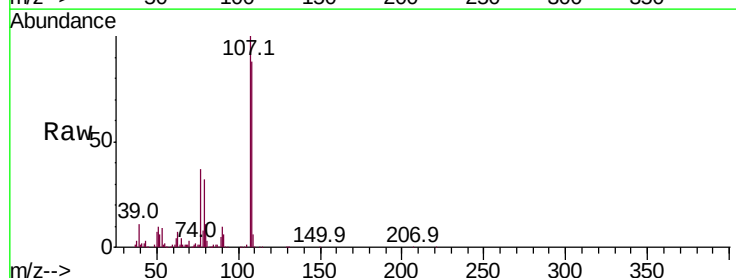
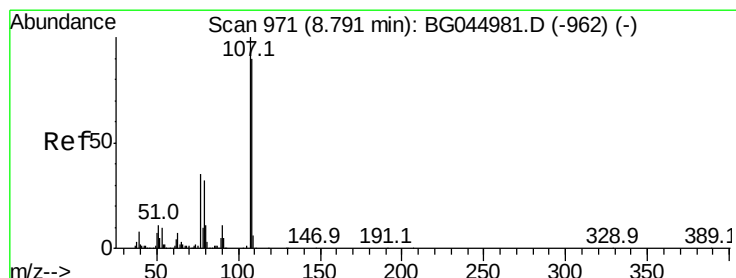
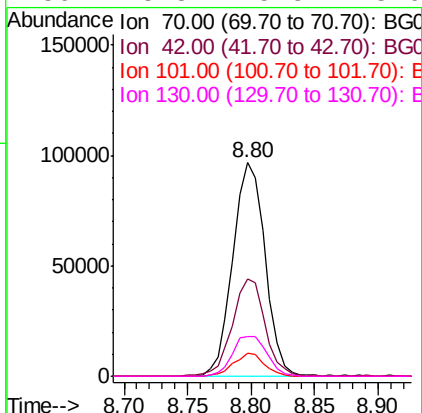
#19
n-Nitroso-di-n-propylamine
Concen: 43.509 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

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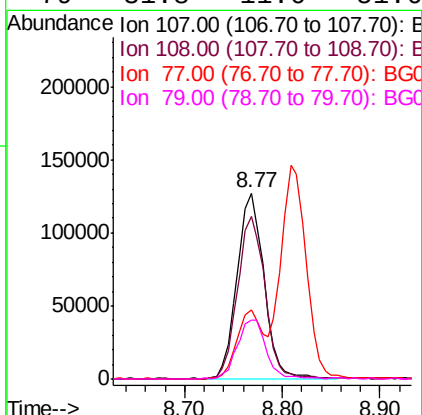
mohammad
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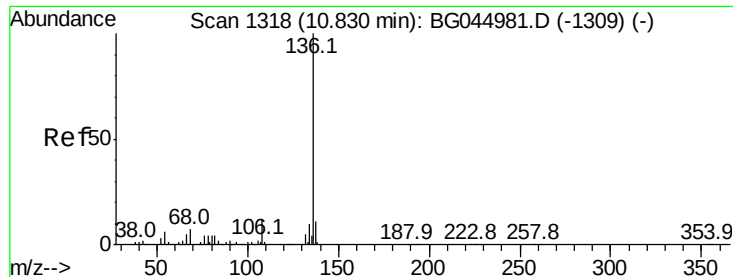
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.3	33.3	49.9	
101	11.0	7.8	11.8	
130	18.8	15.8	23.6	



#20
3+4-Methylphenols
Concen: 41.179 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	69.9	109.9	
77	37.1	15.2	55.2	
79	31.8	11.6	51.6	





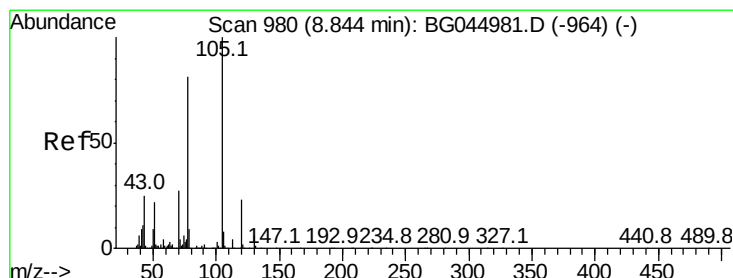
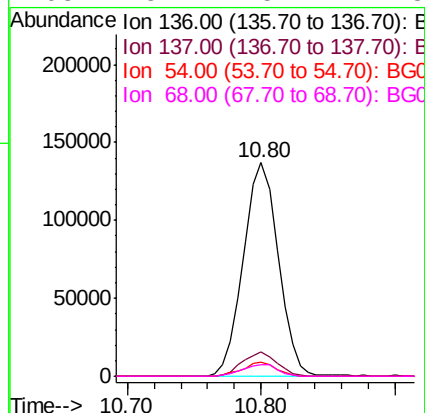
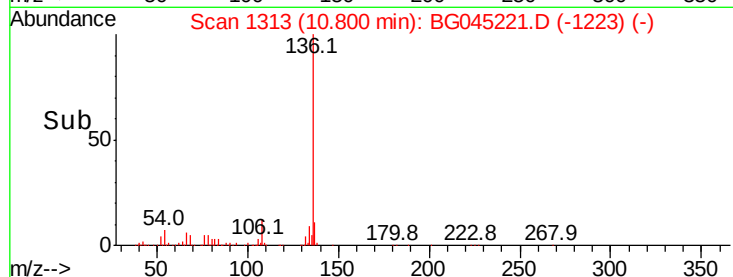
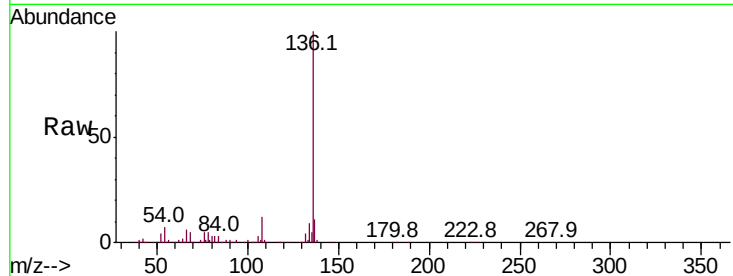
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.6	13.0	
54	6.6	4.8	7.2	
68	5.4	5.2	7.8	

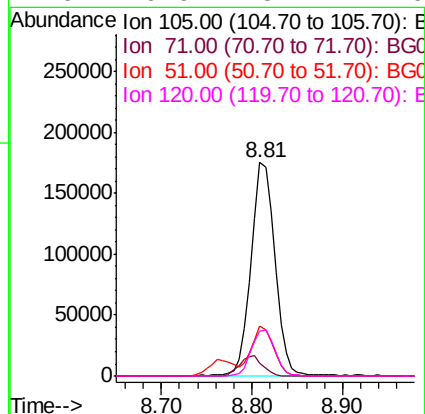
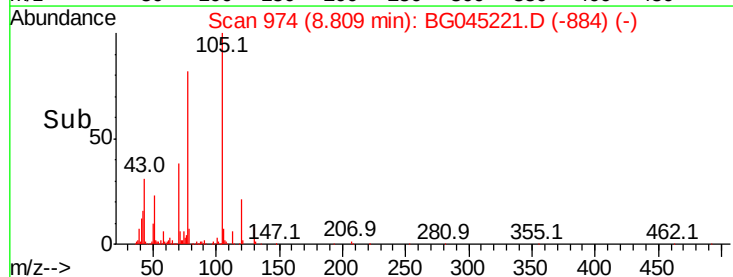
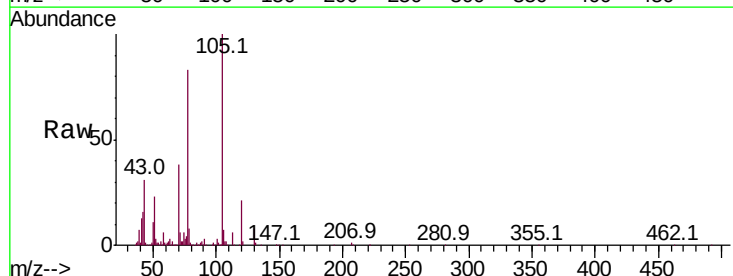
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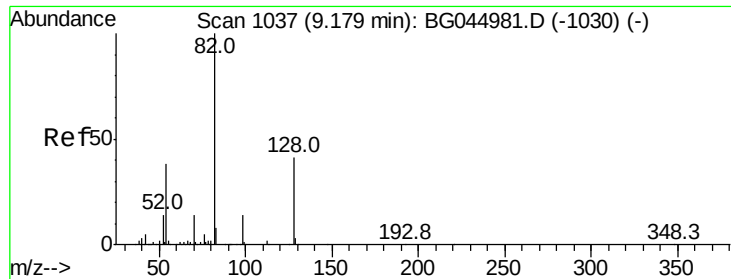
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#22
Acetophenone
Concen: 47.993 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	3.3	4.9#	
51	23.1	17.3	25.9	
120	20.9	18.4	27.6	





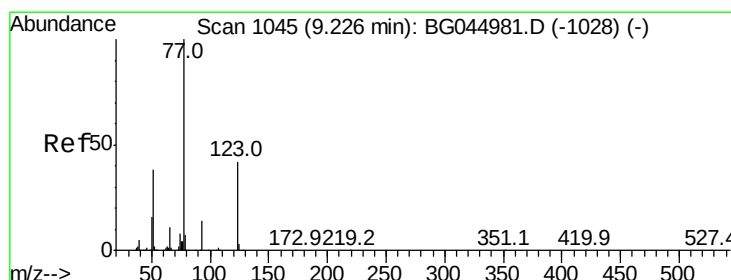
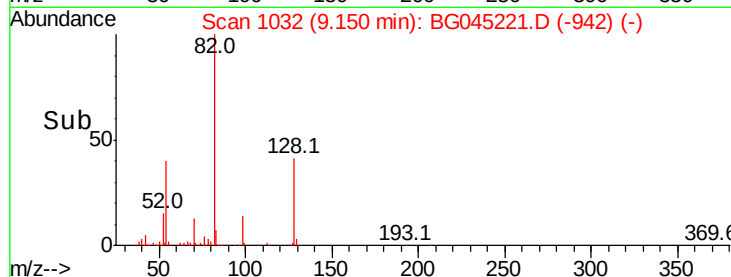
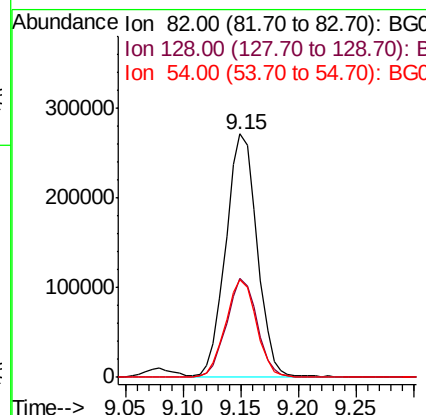
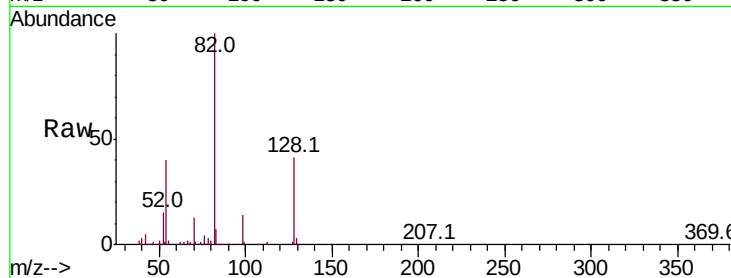
#23
 Nitrobenzene-d5
 Concen: 93.308 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.0	49.4
54	39.9	30.4	45.6

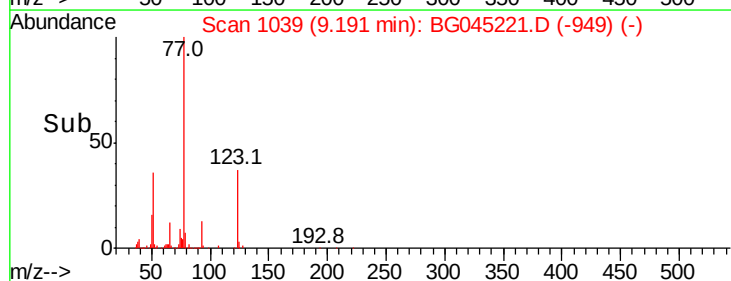
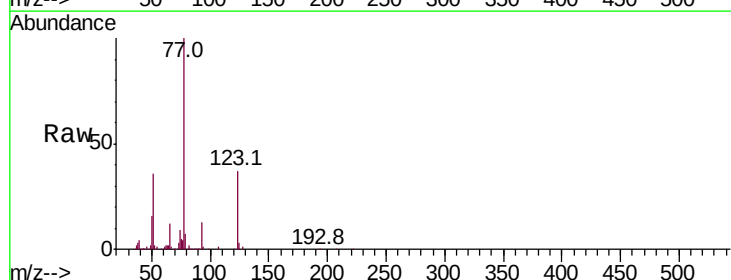
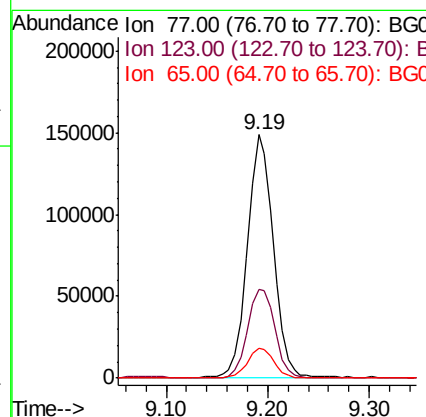
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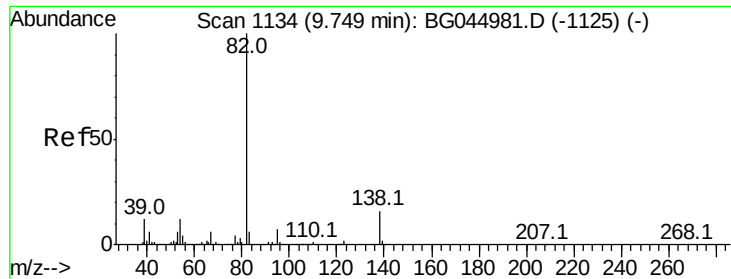
mohammad
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#24
 Nitrobenzene
 Concen: 47.170 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	34.3	51.5
65	12.2	8.9	13.3





#25

Isophorone

Concen: 45.020 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

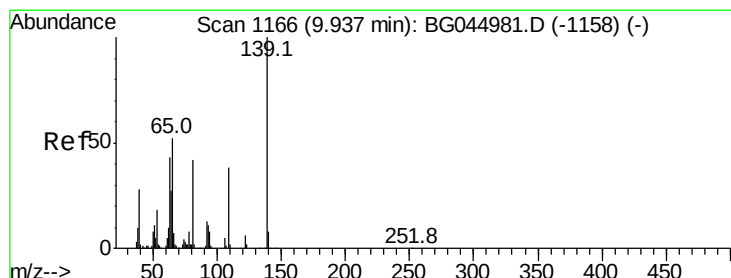
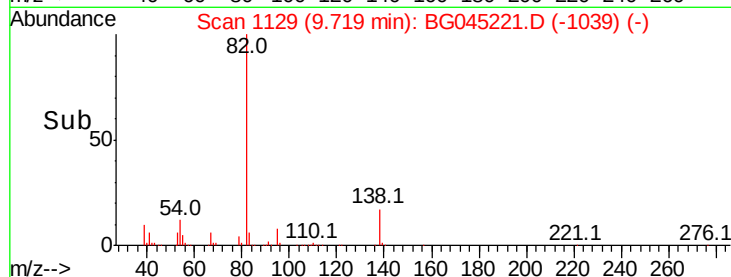
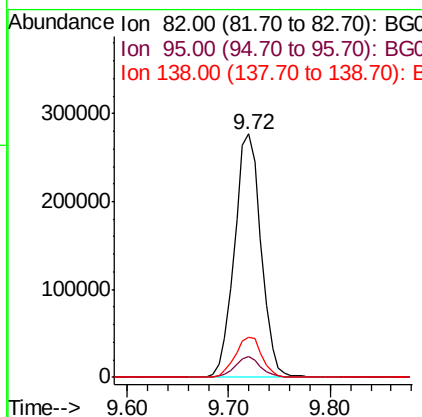
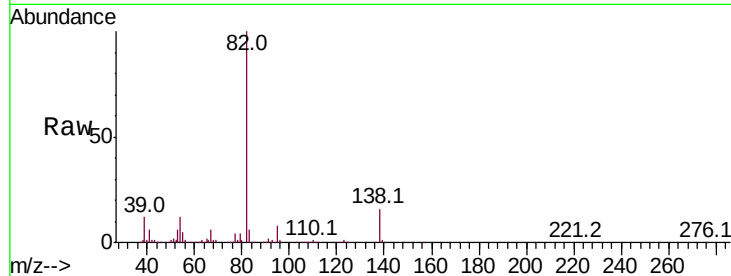
ClientSampleId :

SU-03-043020MS

Tot Ion	82	Resp	502866
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.0	9.0
138	16.5	12.7	19.1

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#26

2-Nitrophenol

Concen: 49.346 ng

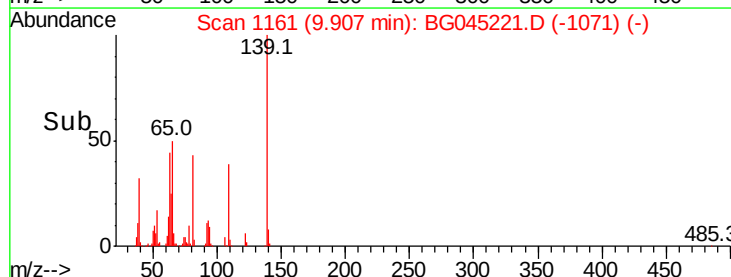
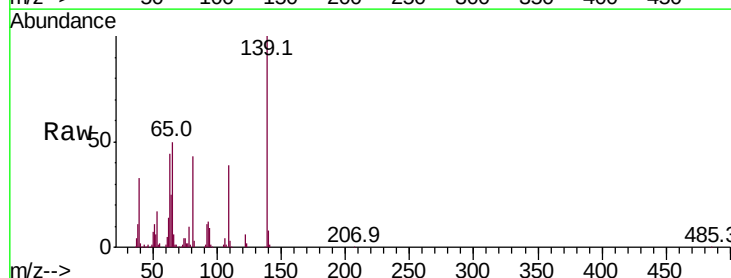
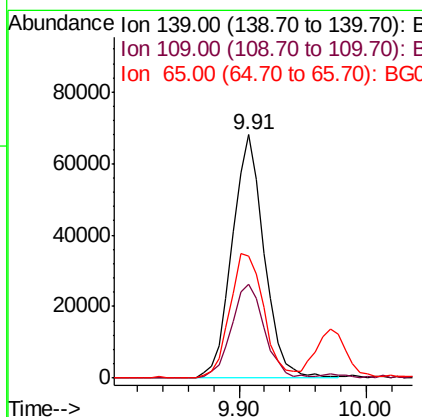
RT: 9.91 min Scan# 1161

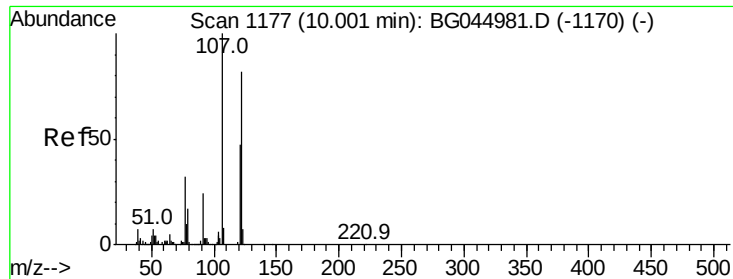
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion	139	Resp	118841
Ion Ratio	Lower	Upper	
139	100		
109	38.6	30.6	45.8
65	50.1	41.8	62.6





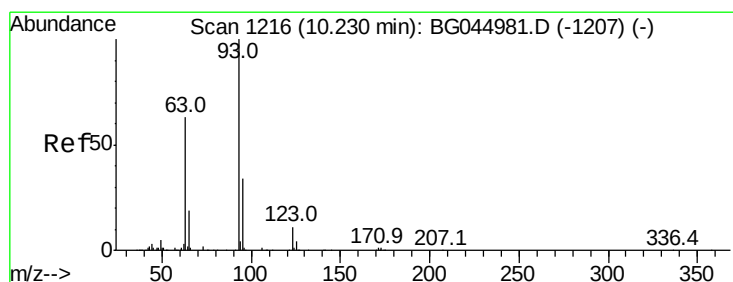
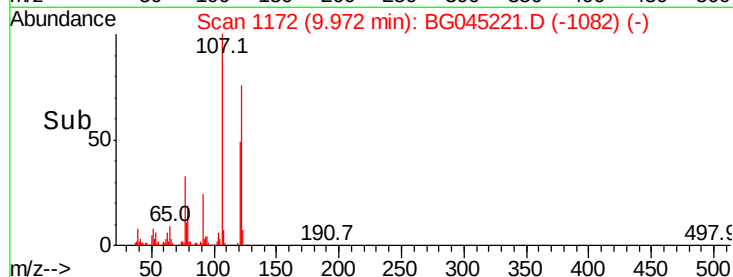
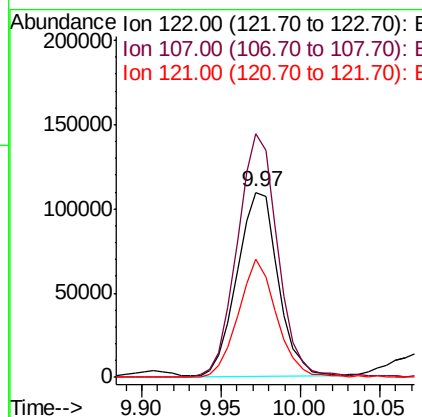
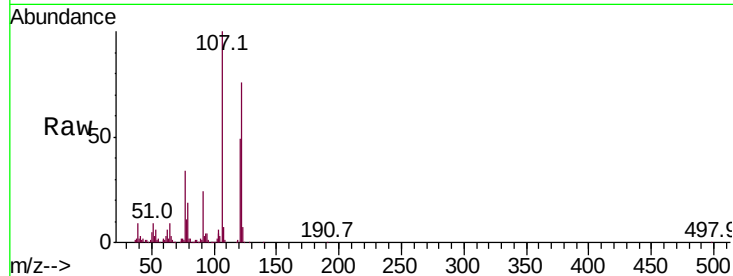
#27
2,4-Dimethylphenol
Concen: 51.594 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	197157		
107	131.8	96.8	145.2	
121	64.3	45.6	68.4	

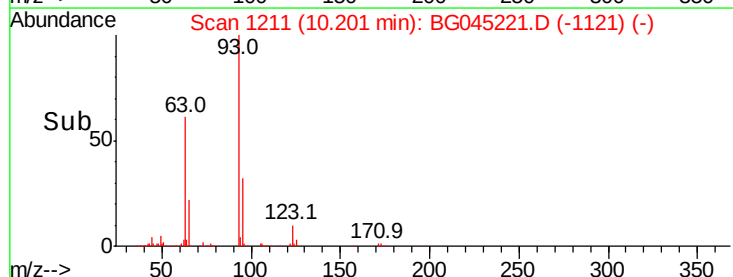
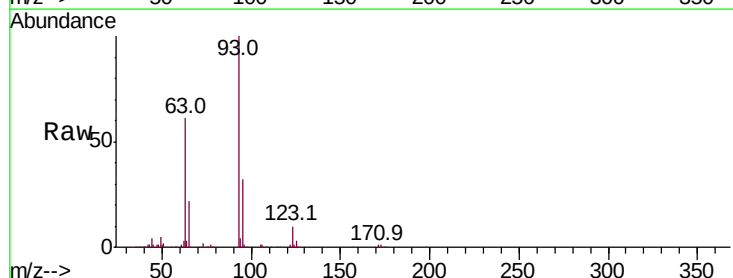
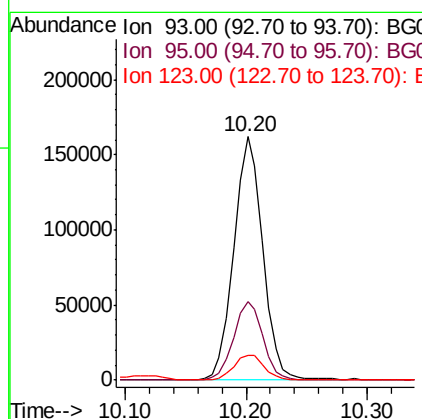
Manual Integrations
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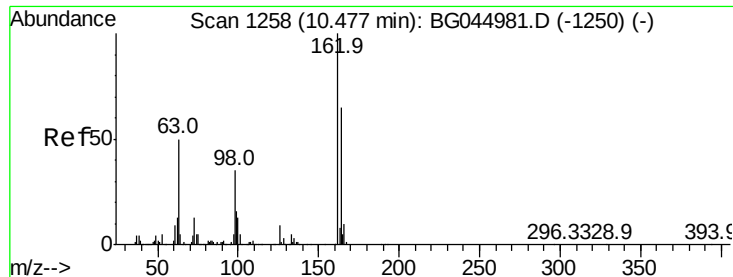
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.077 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	270421		
95	32.1	27.0	40.4	
123	10.2	8.7	13.1	





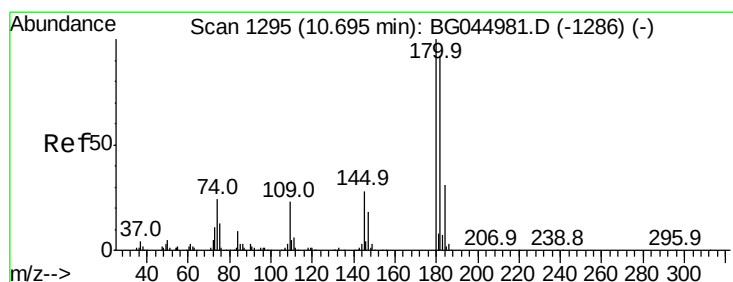
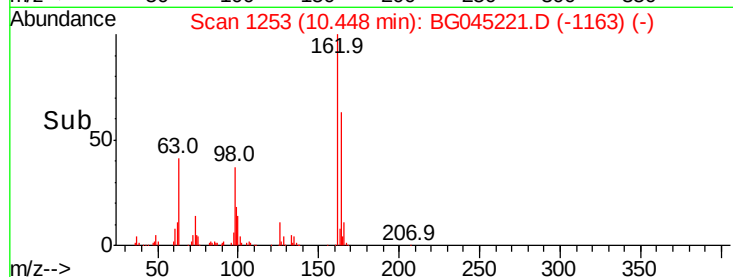
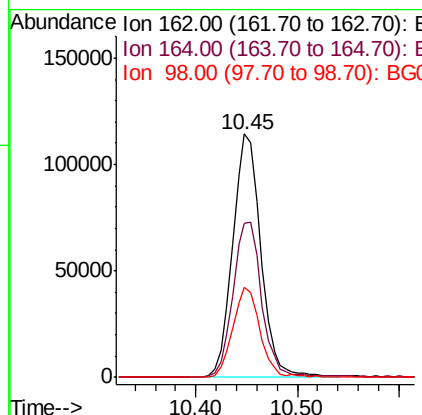
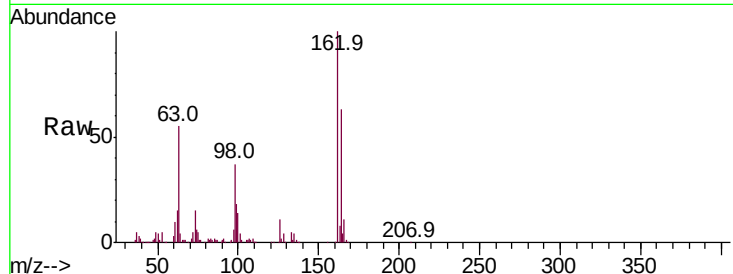
#29
2,4-Dichlorophenol
Concen: 50.004 ng
RT: 10.45 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	220639		
164	63.4	45.0	85.0	
98	37.1	15.2	55.2	

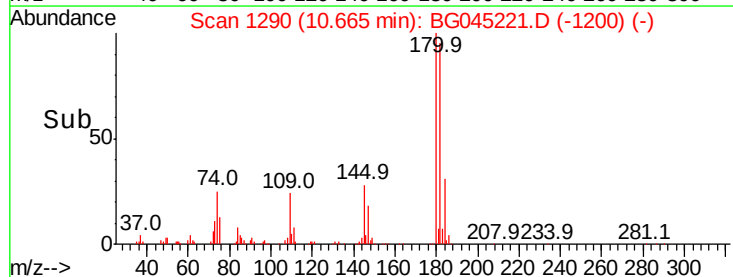
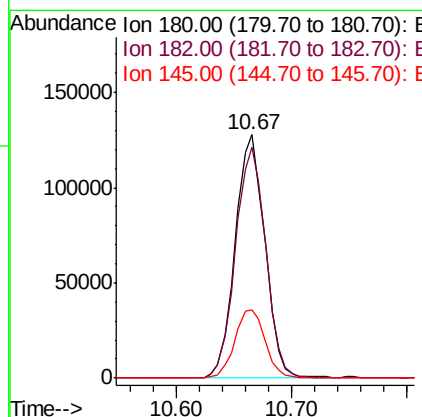
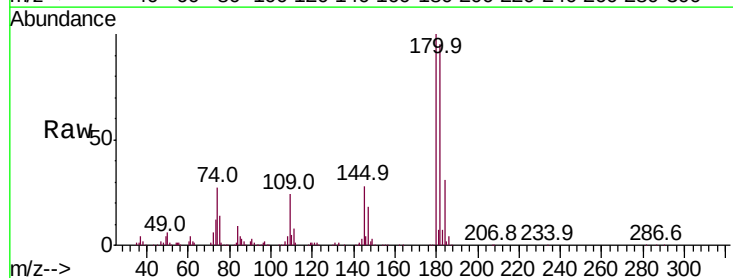
Manual Integrations
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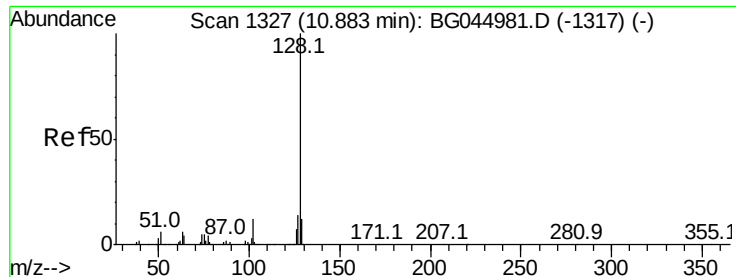
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.561 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	227611		
182	94.8	73.3	109.9	
145	27.9	22.6	33.8	





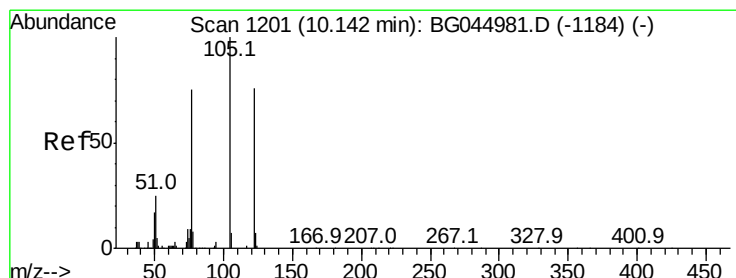
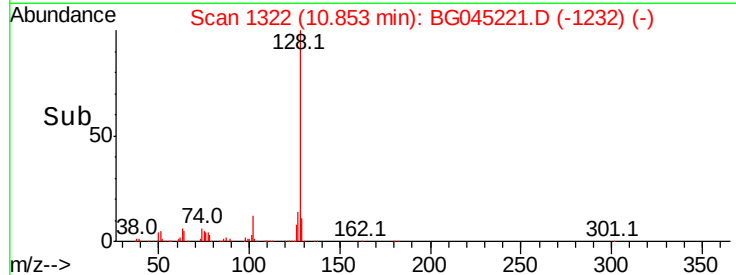
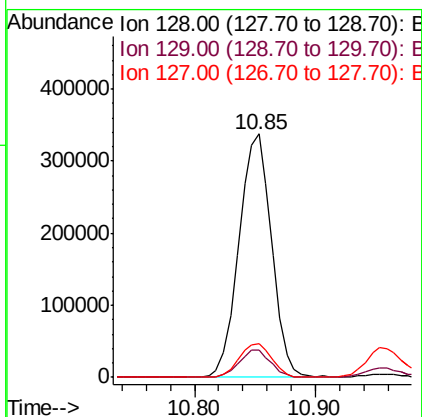
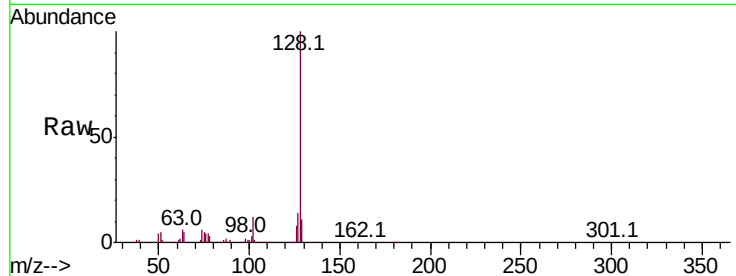
#31
Naphthalene
Concen: 46.715 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion:	128	Resp:	636017
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.4	14.2
127	14.0	10.8	16.2

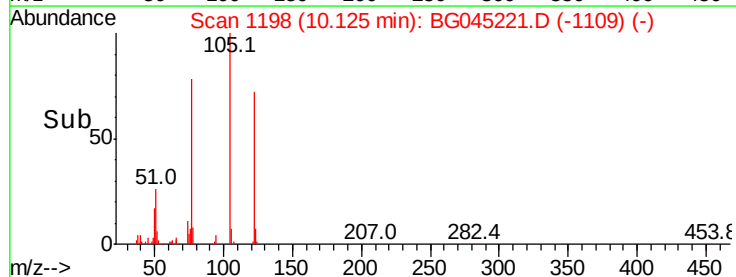
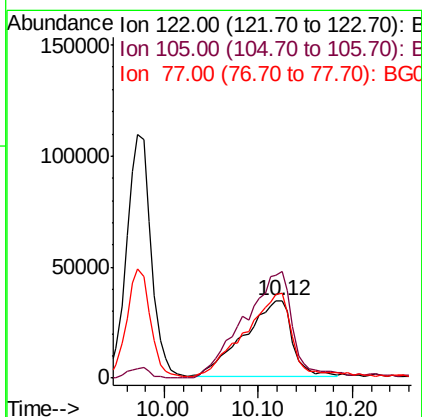
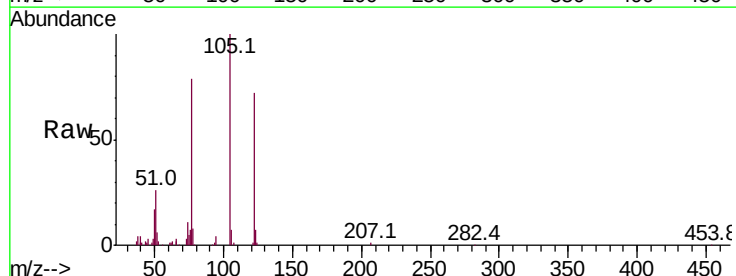
Manual Integrations
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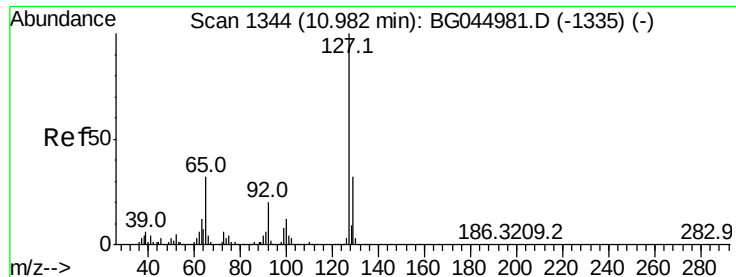
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#32
Benzoic acid
Concen: 40.447 ng
RT: 10.12 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion:	122	Resp:	121290
Ion Ratio	Lower	Upper	
122	100		
105	138.3	108.4	148.4
77	109.0	78.8	118.8





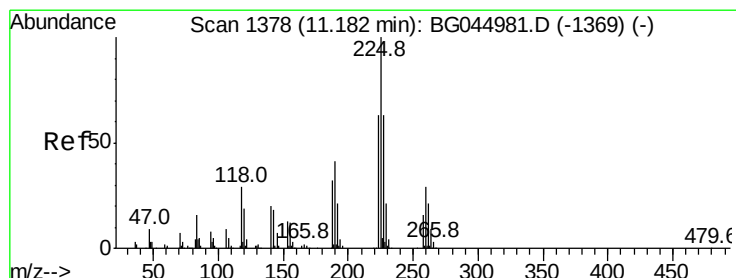
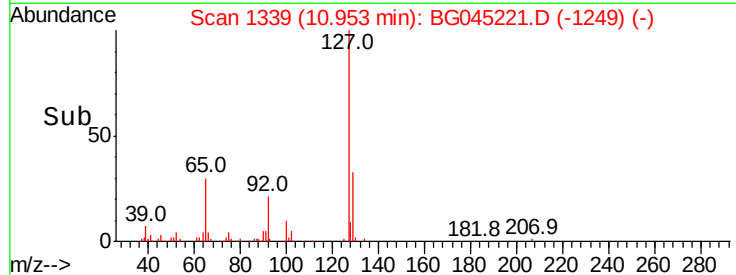
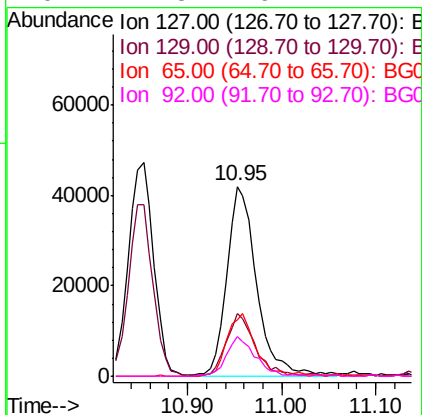
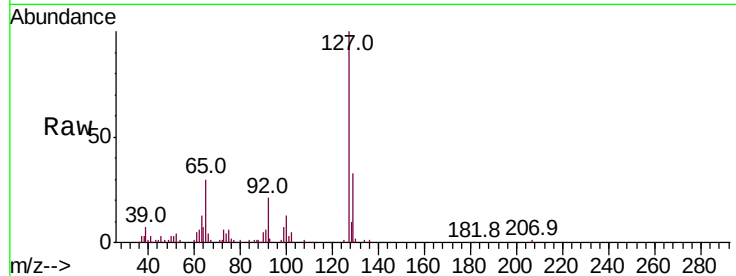
#33
4-Chloroaniline
Concen: 14.652 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	25.7	38.5	
65	29.9	25.4	38.2	
92	21.3	16.1	24.1	

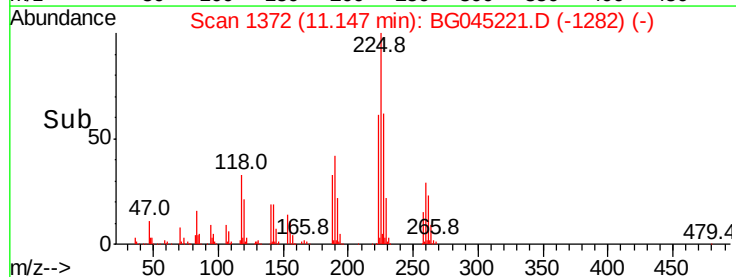
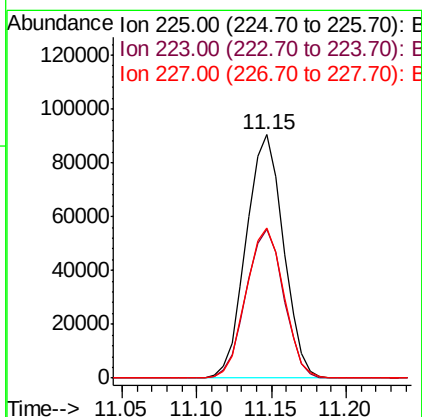
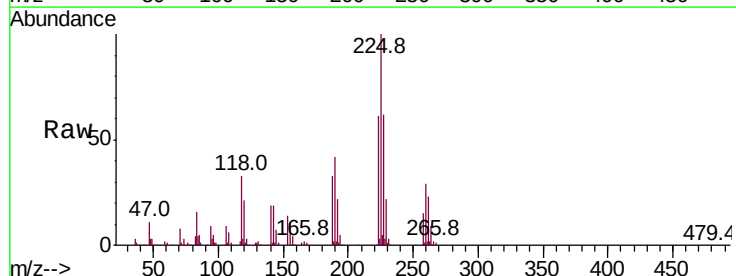
Manual Integrations
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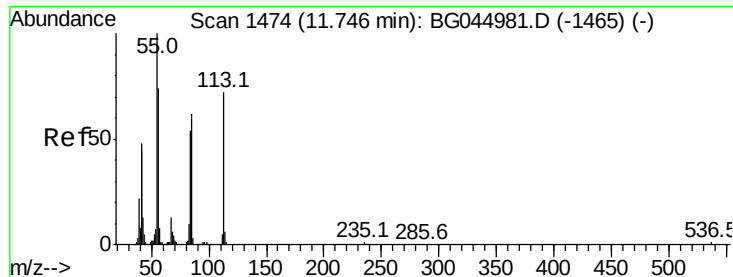
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#34
Hexachlorobutadiene
Concen: 45.478 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.1	50.7	76.1	
227	61.9	50.2	75.2	





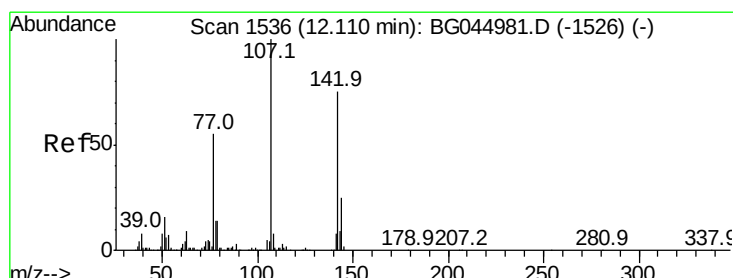
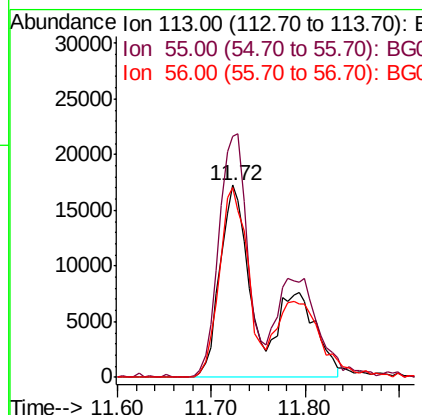
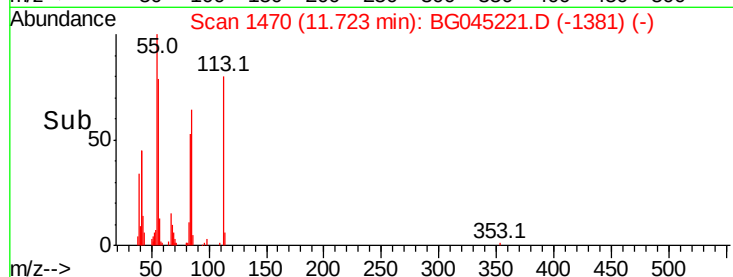
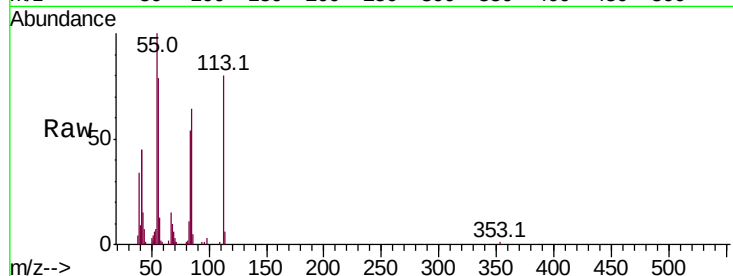
#35
 Caprolactam
 Concen: 32.716 ng/ml
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	125.2	118.8	158.8
56	98.7	82.6	122.6

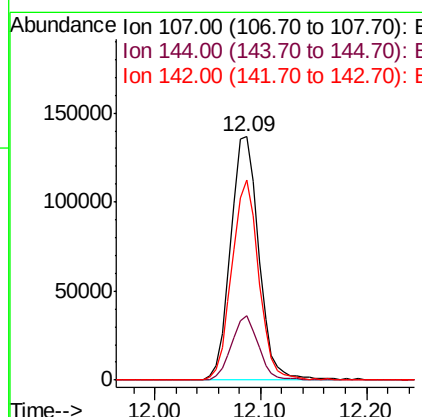
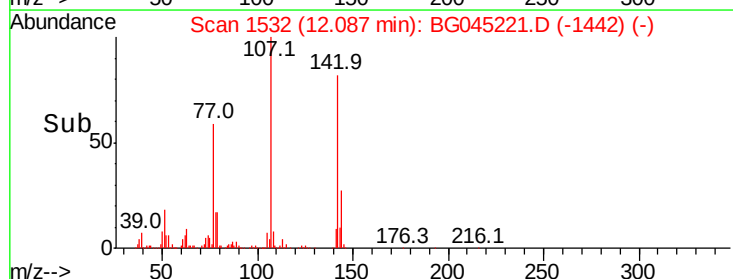
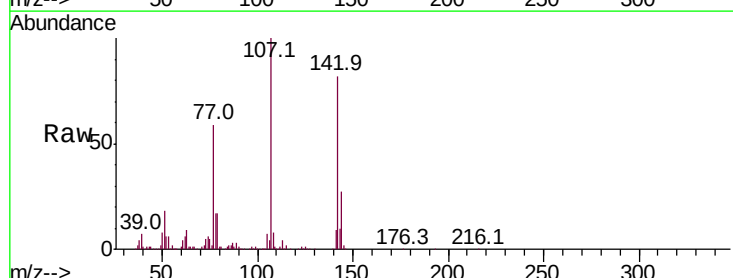
Manual Integrations
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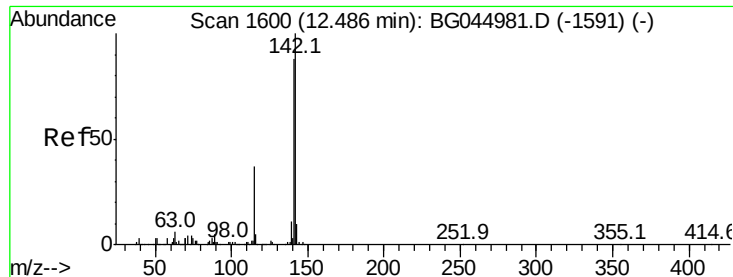
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 48.740 ng/ml
 RT: 12.09 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	19.8	29.6
142	82.4	59.7	89.5





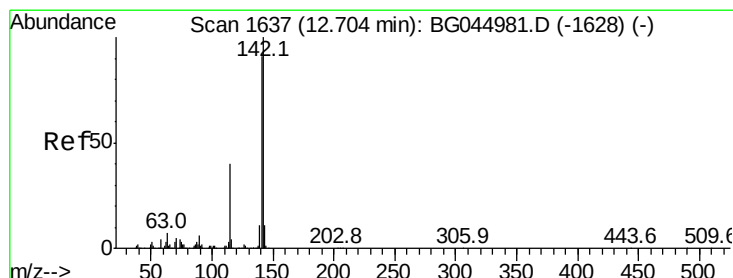
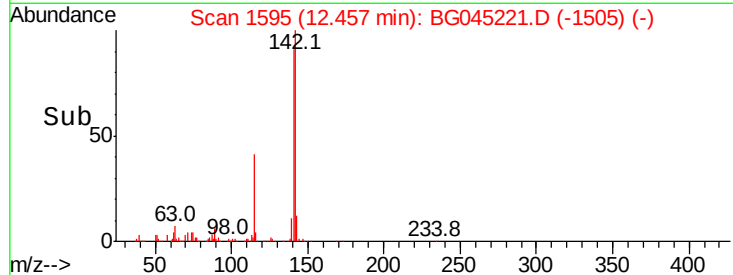
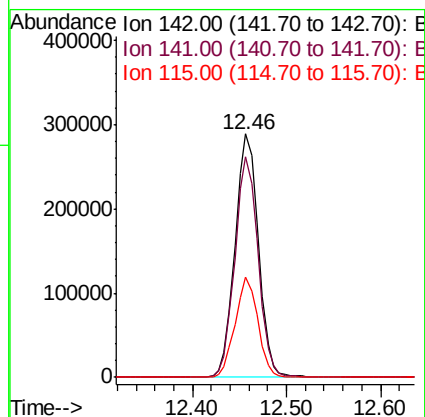
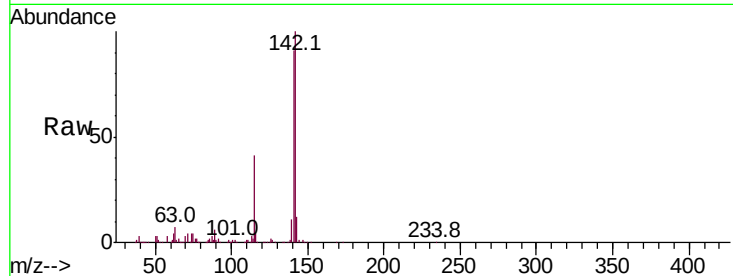
#37
2-Methylnaphthalene
Concen: 47.403 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	500936		
141	90.5		70.3	105.5
115	41.1		29.8	44.6

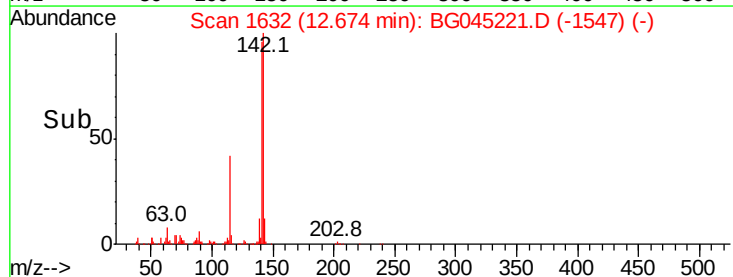
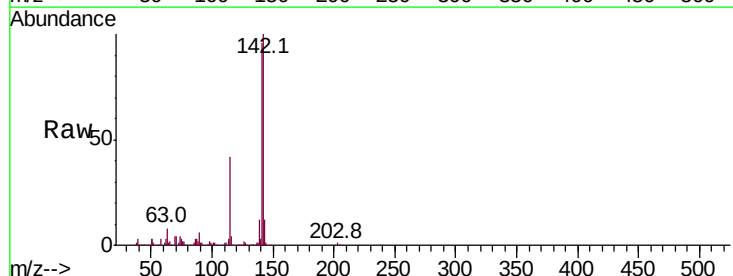
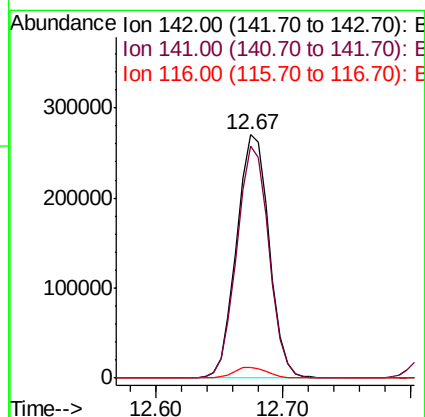
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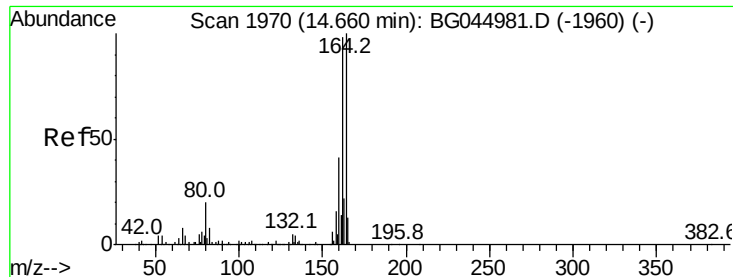
mohammad
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#38
1-Methylnaphthalene
Concen: 47.992 ng
RT: 12.67 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	478783		
141	95.5		72.7	109.1
116	4.2		3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

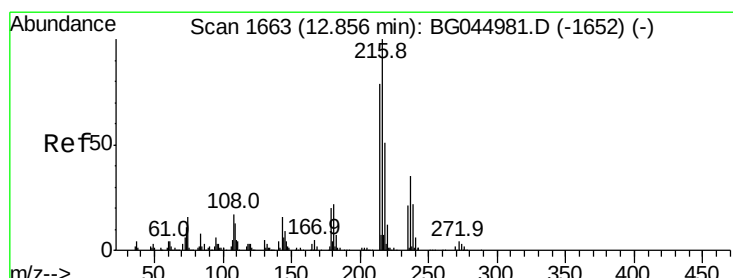
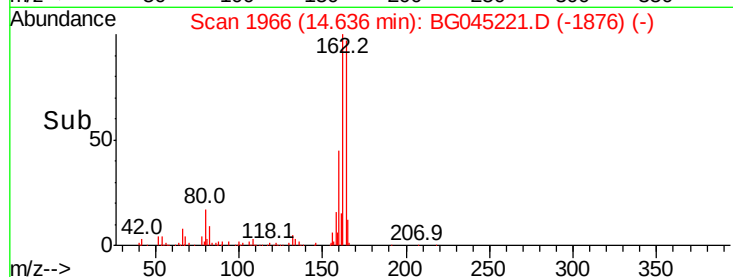
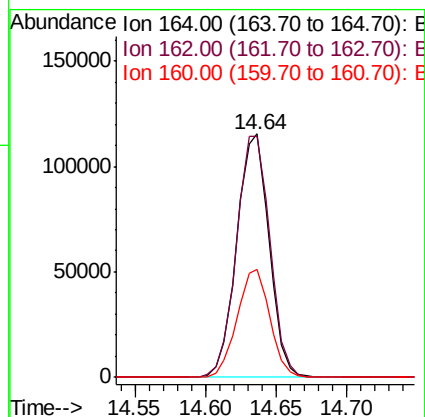
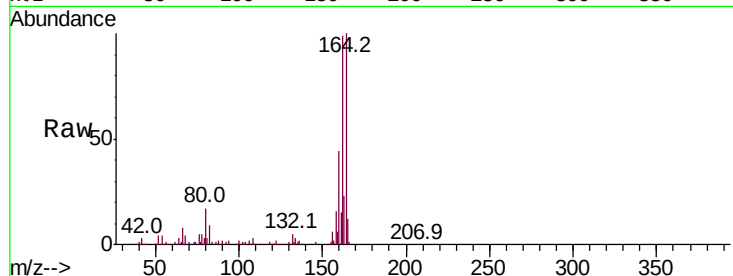
ClientSampleId :

SU-03-043020MS

Tot Ion:	164	Resp:	184976
Ion Ratio	Lower	Upper	
164	100		
162	98.8	78.7	118.1
160	44.5	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.459 ng

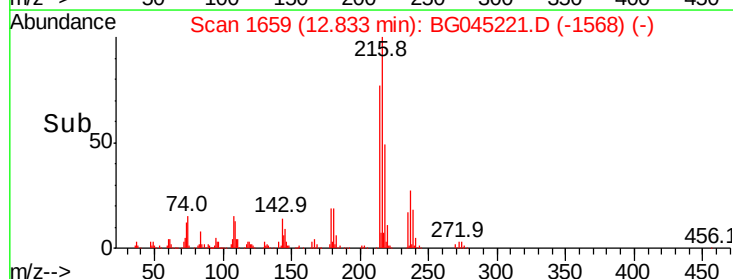
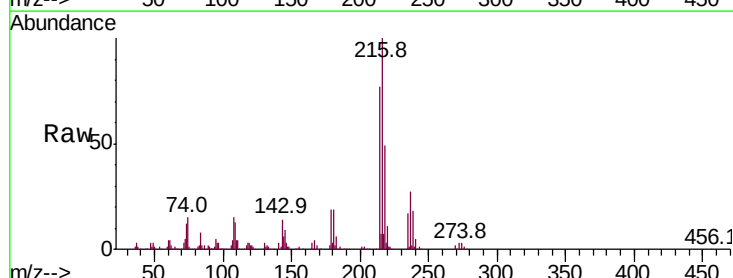
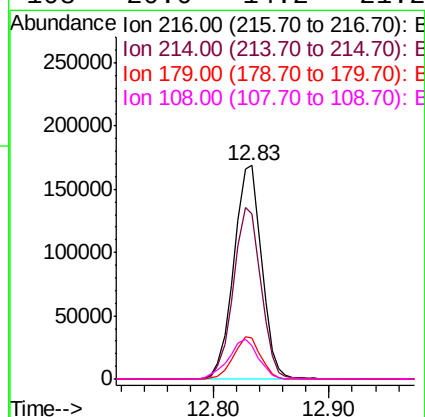
RT: 12.83 min Scan# 1659

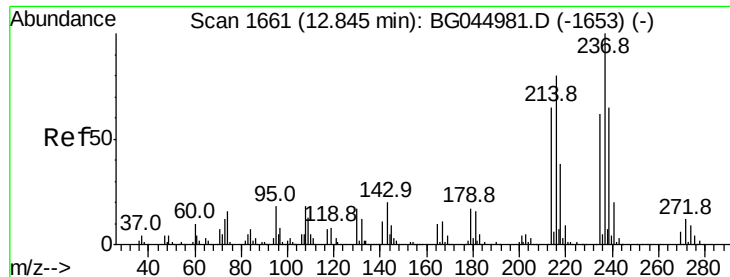
Delta R.T. 0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	216	Resp:	282653
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.0	94.6
179	19.3	15.8	23.8
108	20.0	14.2	21.2





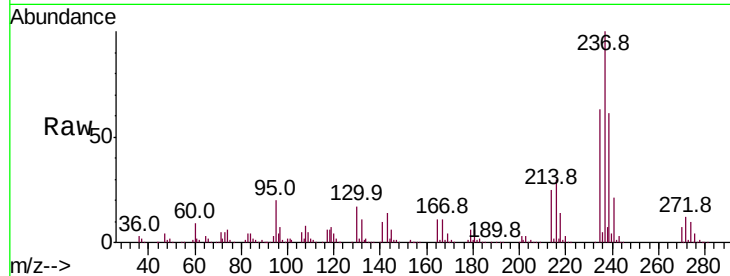
#41
Hexachlorocyclopentadiene
Concen: 102.793 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

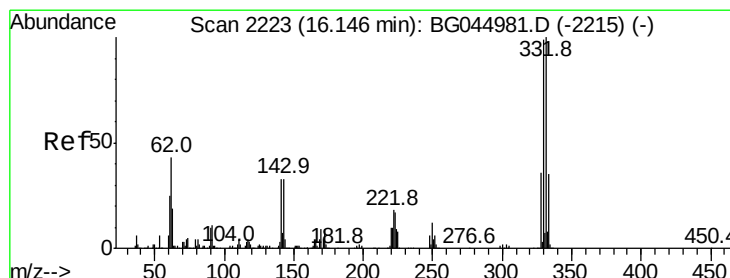
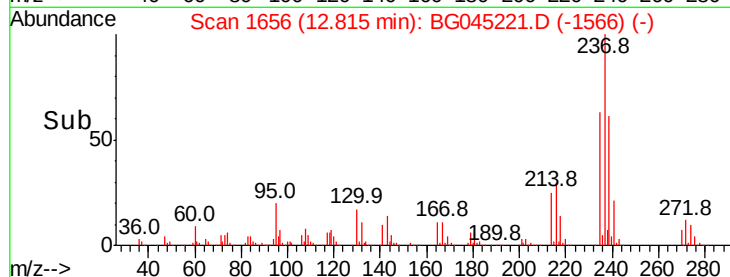
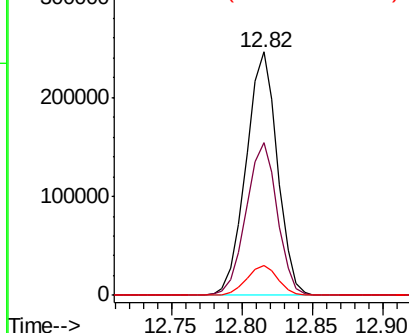
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.8	41.6	81.6	
272	12.5	0.0	32.1	

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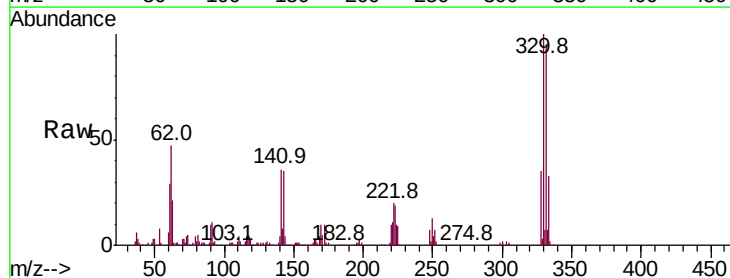


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

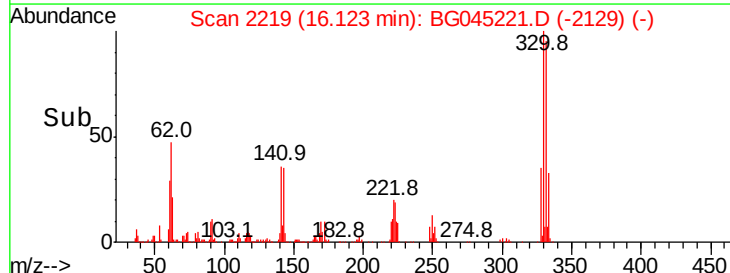
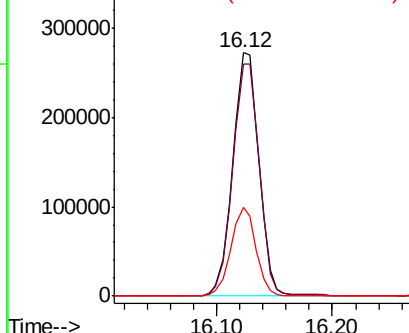


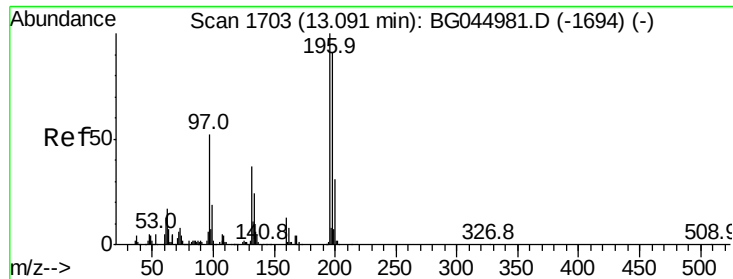
#42
2,4,6-Tribromophenol
Concen: 150.156 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	79.1	118.7	
141	34.9	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





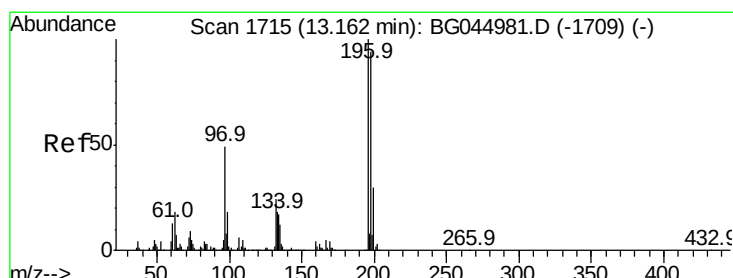
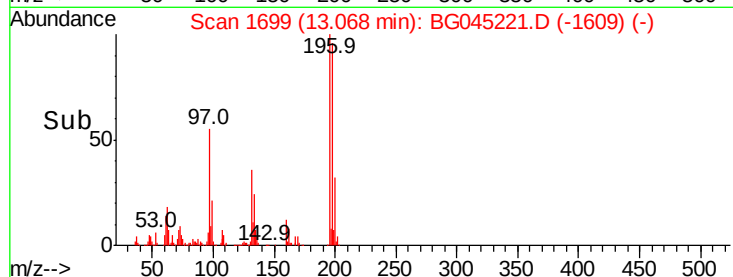
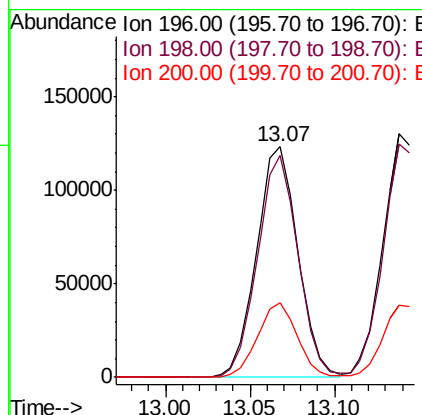
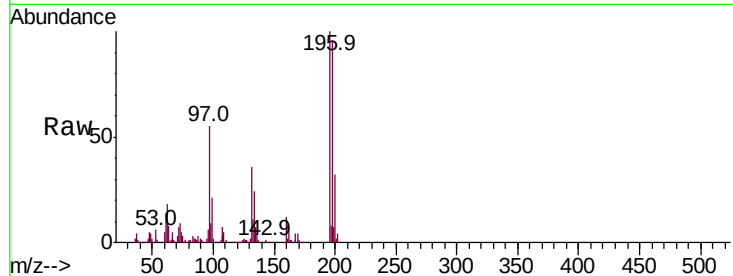
#43
 2,4,6-Trichlorophenol
 Concen: 49.632 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

Tot Ion	196	Resp	208619
Ion Ratio	Lower	Upper	
196	100		
198	96.3	72.5	108.7
200	32.5	24.5	36.7

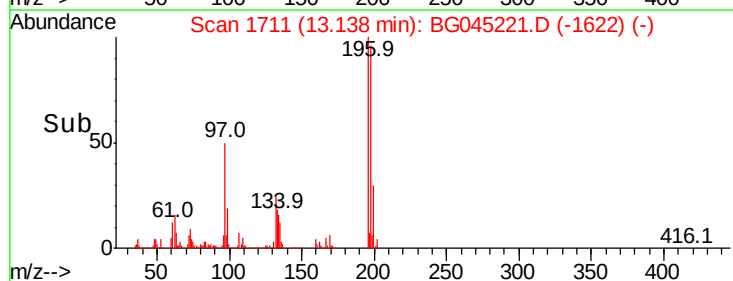
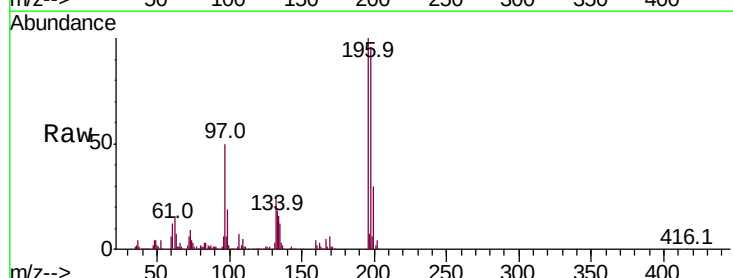
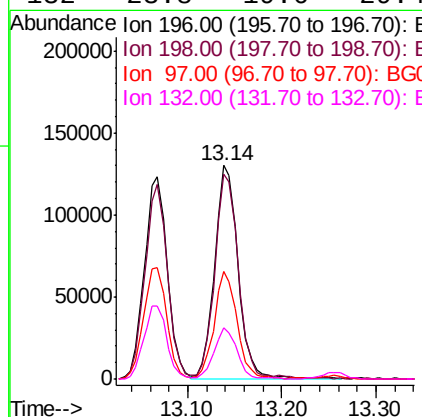
Manual Integrations
 APPROVED

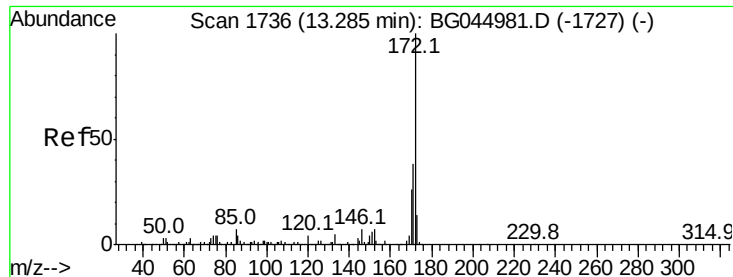
mohammad
 5/4/2020 3:46:16 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.580 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Tgt Ion	196	Resp	227648
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
97	50.1	39.6	59.4
132	23.8	19.6	29.4





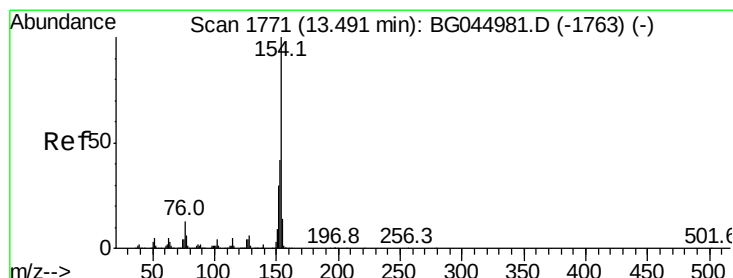
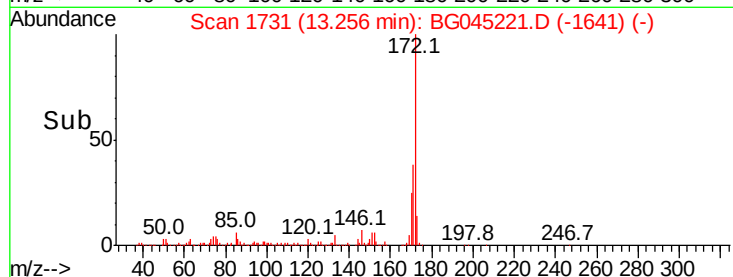
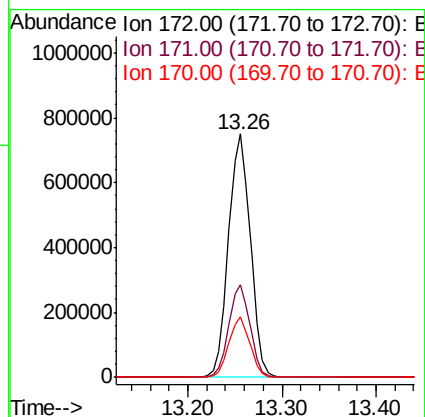
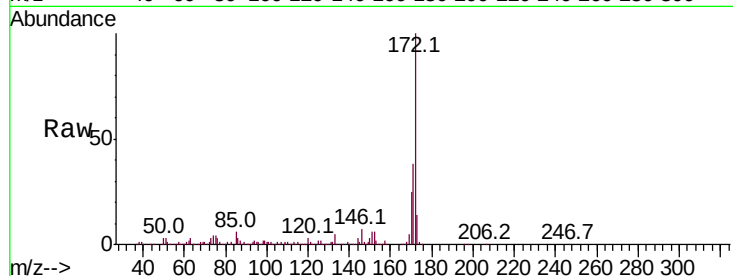
#45
 2-Fluorobiphenyl
 Concen: 96.129 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

Tot Ion:	172	Resp:	1212662
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	24.8	20.5	30.7

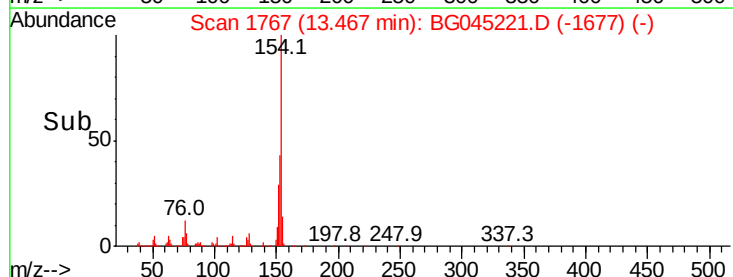
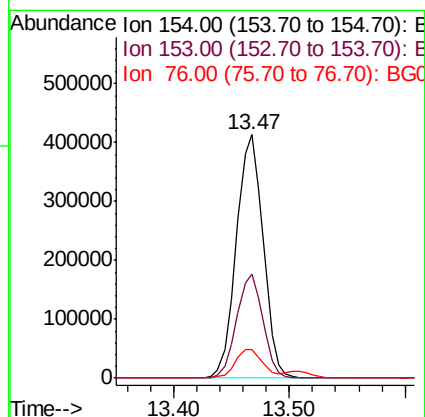
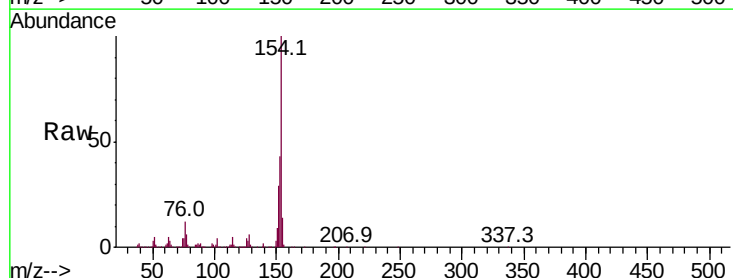
Manual Integrations
 APPROVED

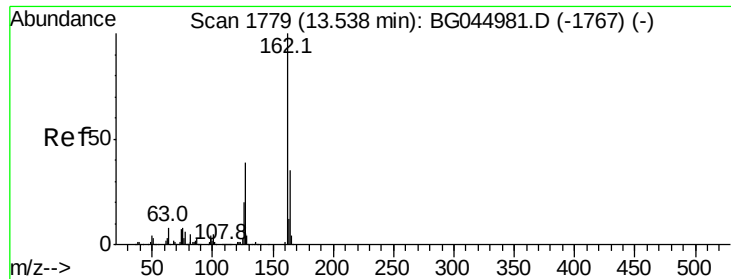
mohammad
 5/4/2020 3:46:16 PM



#46
 1,1'-Biphenyl
 Concen: 47.265 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Tgt Ion:	154	Resp:	664521
Ion	Ratio	Lower	Upper
154	100		
153	42.8	21.9	61.9
76	11.9	0.0	33.1





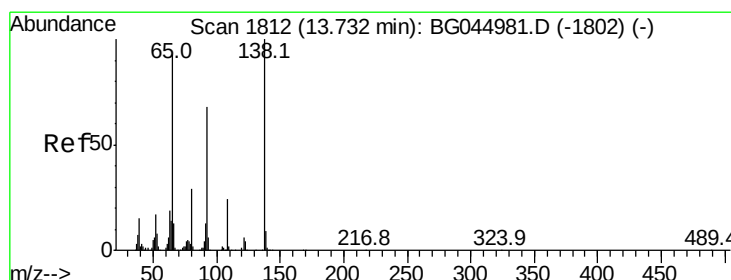
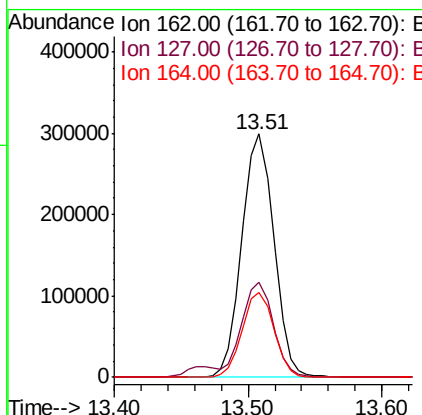
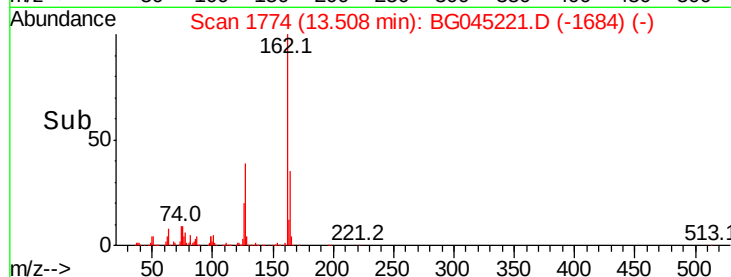
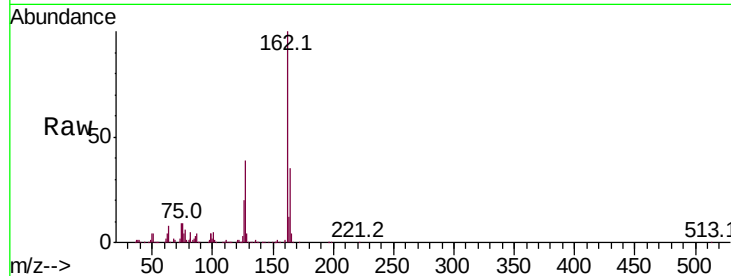
#47
2-Chloronaphthalene
Concen: 46.419 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	498670		
127	39.0		31.3	46.9
164	35.0		27.8	41.8

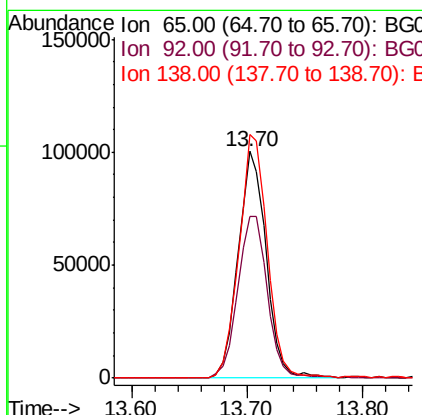
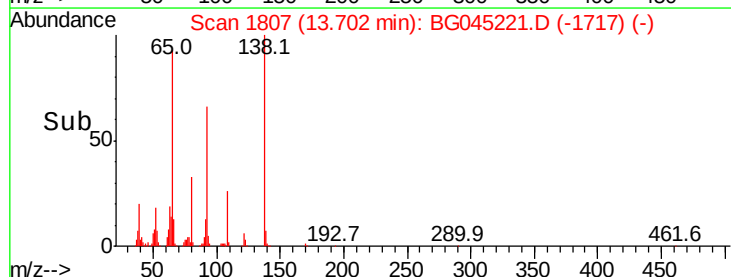
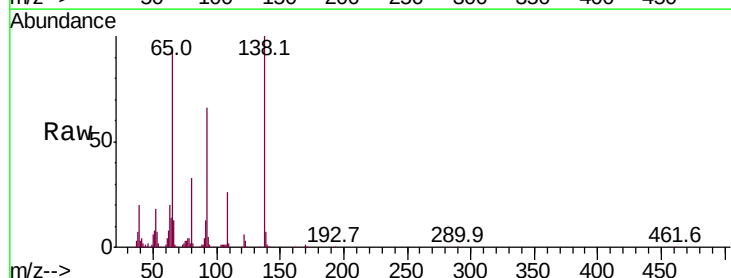
Manual Integrations
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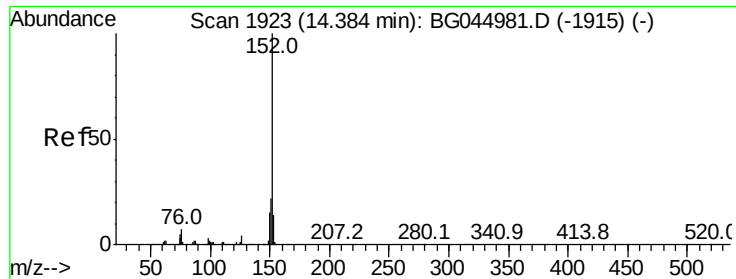
mohammad
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#48
2-Nitroaniline
Concen: 47.688 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	168558		
92	71.2		58.3	87.5
138	107.5		85.6	128.4





#49

Acenaphthylene

Concen: 49.099 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

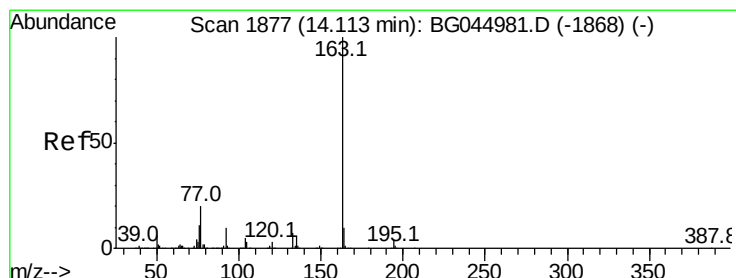
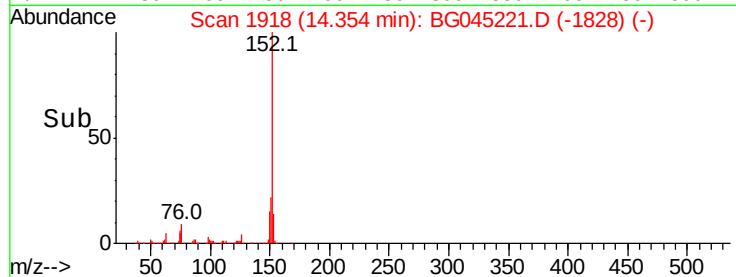
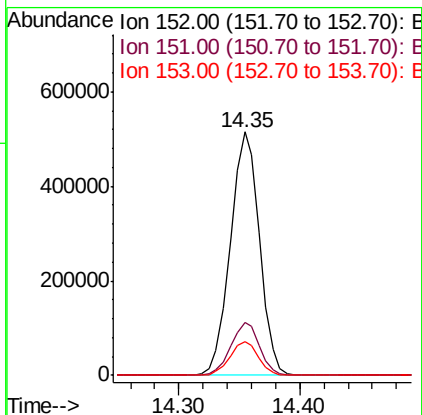
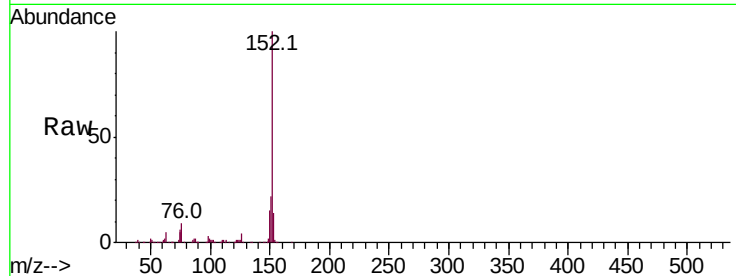
ClientSampleId :

SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.2	25.8
153	14.1	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 51.553 ng

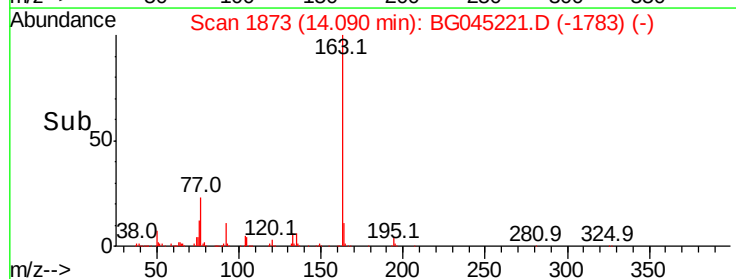
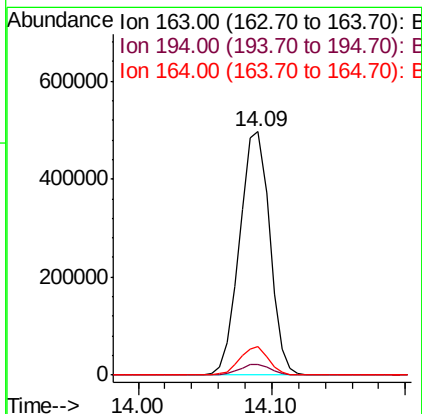
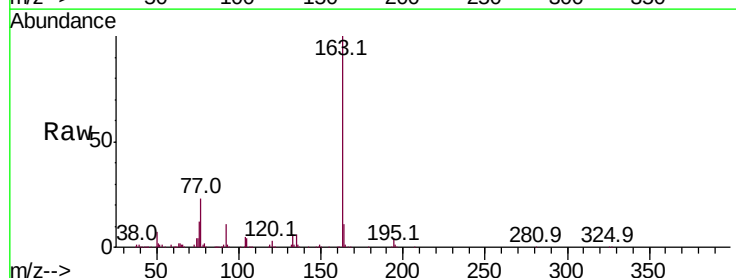
RT: 14.09 min Scan# 1873

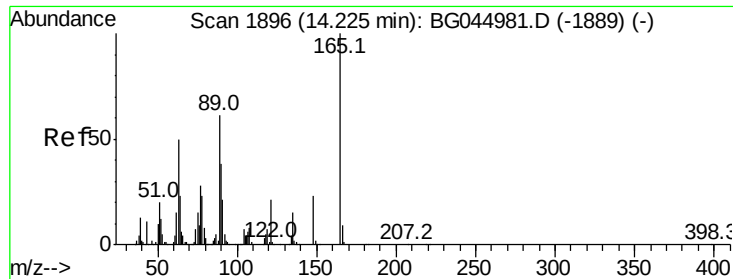
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	11.5	8.2	12.4





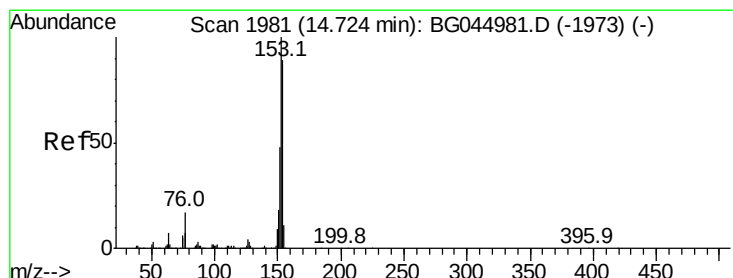
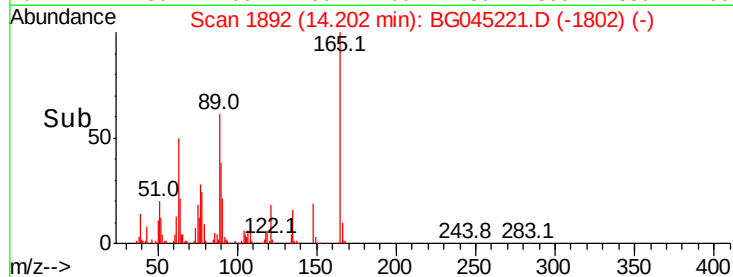
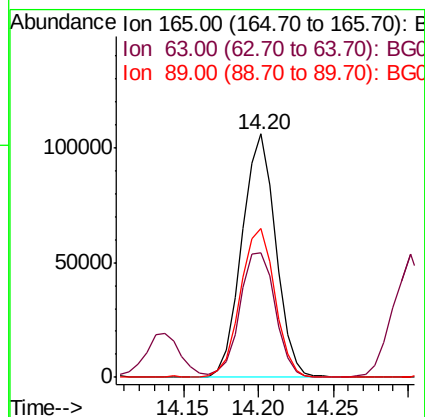
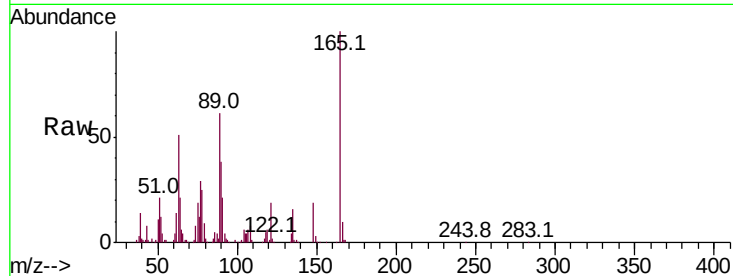
#51
2,6-Dinitrotoluene
Concen: 49.362 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	166292		
63	51.2	40.4	60.6	
89	60.9	49.1	73.7	

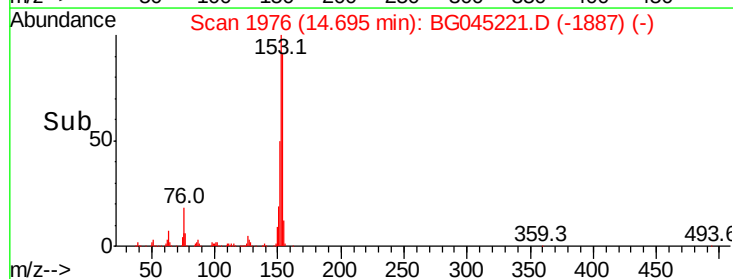
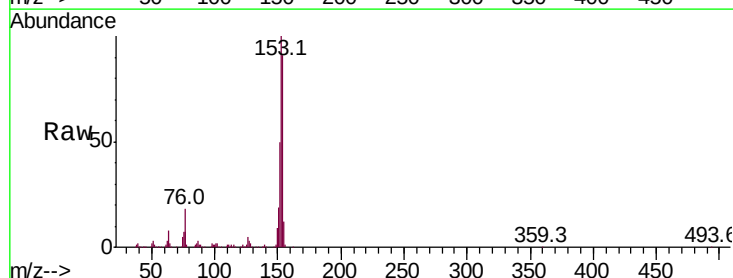
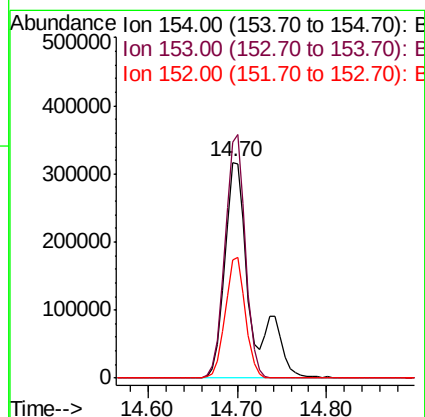
Manual Integrations
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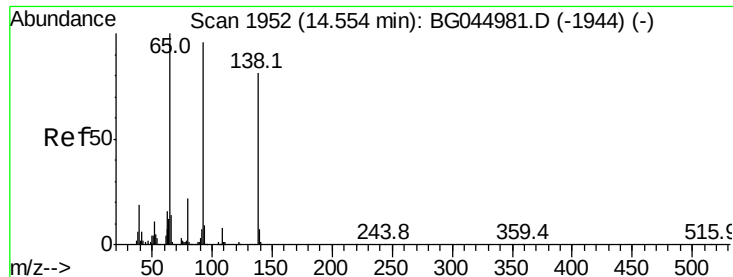
mohammad
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#52
Acenaphthene
Concen: 55.503 ng m
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	657125		
153	109.3	89.7	134.5	
152	54.7	43.1	64.7	





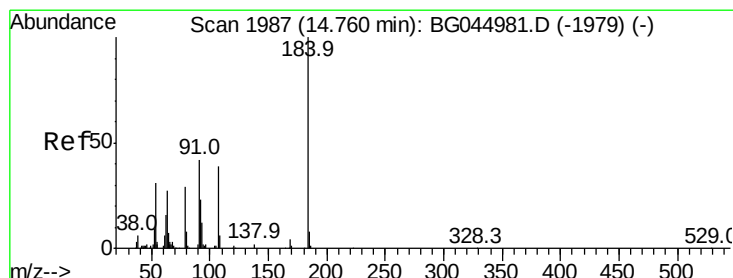
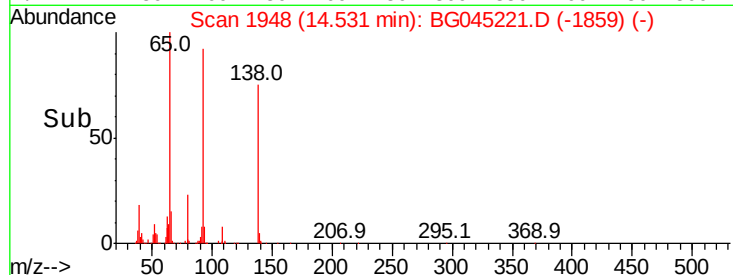
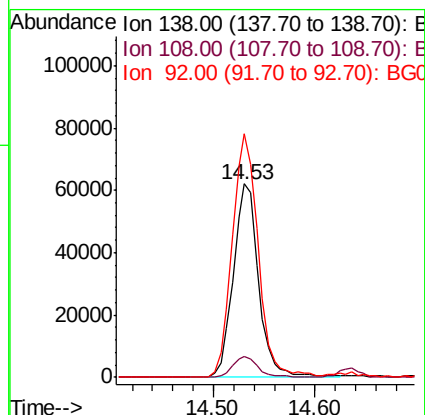
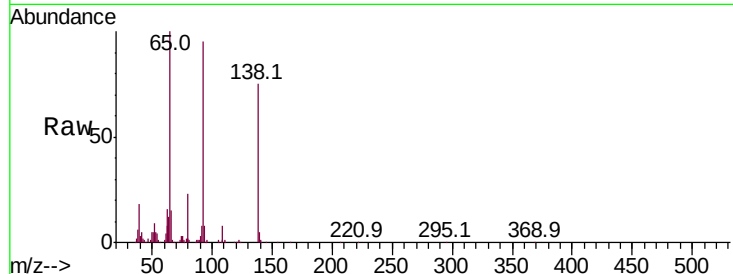
#53
3-Nitroaniline
Concen: 29.186 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.0	7.8	11.8	
92	125.7	94.5	141.7	

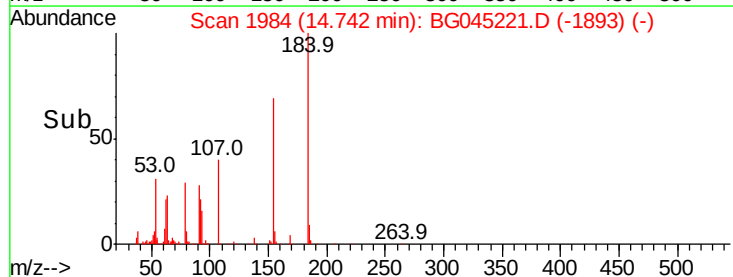
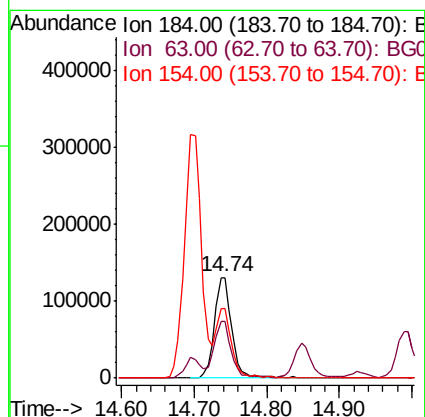
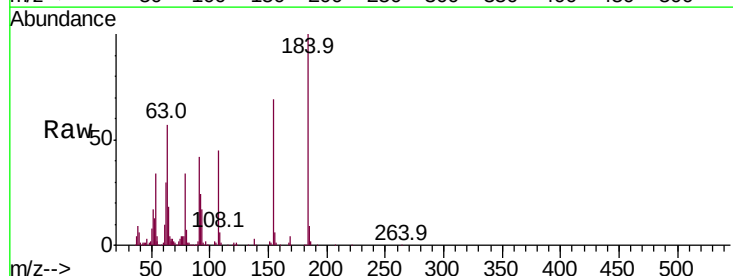
Manual Integrations
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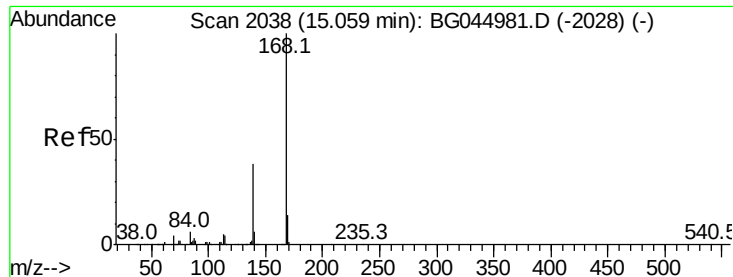
mohammad
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#54
2,4-Dinitrophenol
Concen: 109.757 ng
RT: 14.74 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.7	41.5	62.3	
154	69.2	52.3	78.5	





#55

Dibenzofuran

Concen: 48.534 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

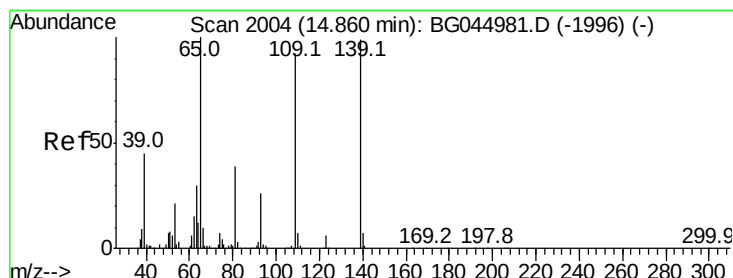
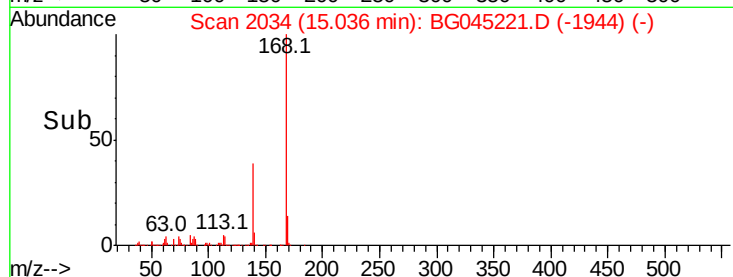
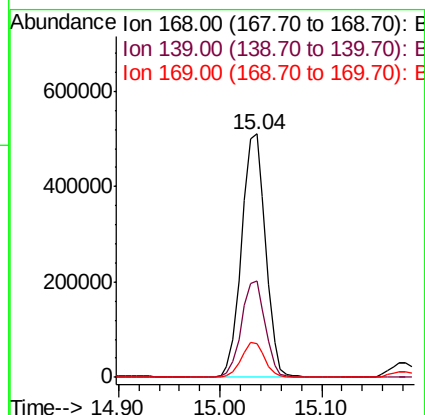
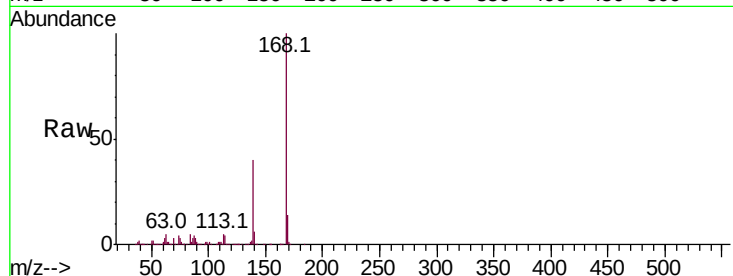
ClientSampleId :

SU-03-043020MS

Tot Ion:	168	Resp:	837755
Ion Ratio	Lower	Upper	
168	100		
139	39.5	30.4	45.6
169	13.9	11.0	16.4

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5/4/2020 3:46:16 PM



#56

4-Nitrophenol

Concen: 82.423 ng

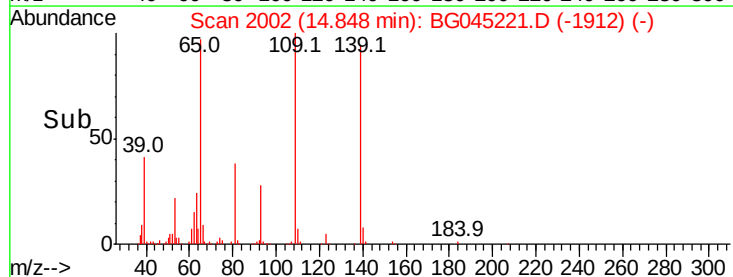
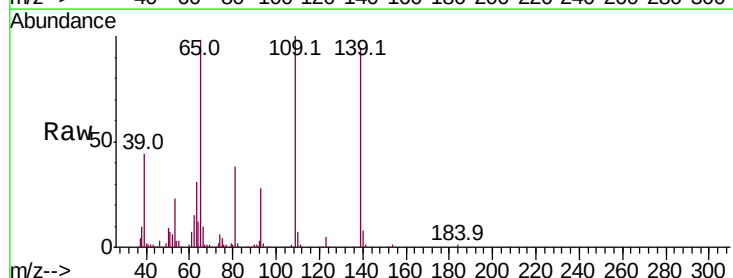
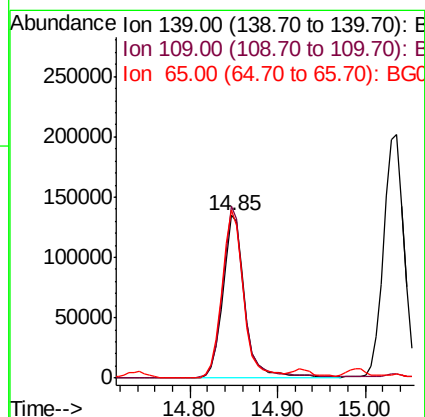
RT: 14.85 min Scan# 2002

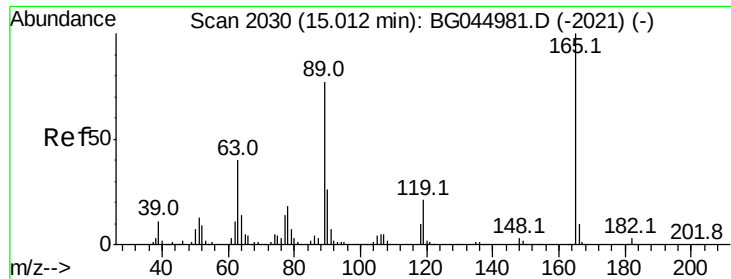
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	139	Resp:	236129
Ion Ratio	Lower	Upper	
139	100		
109	105.8	73.6	113.6
65	103.4	81.2	121.2





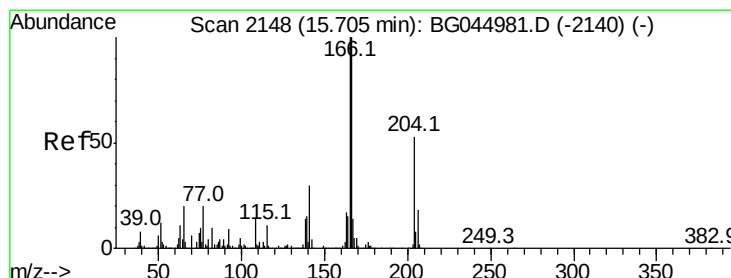
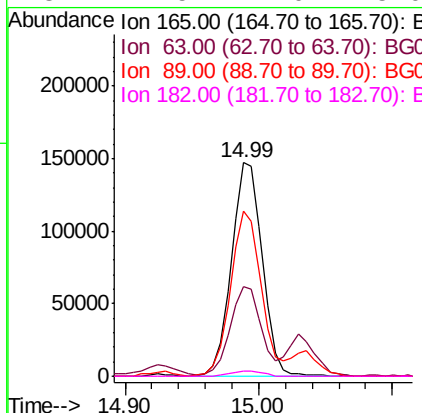
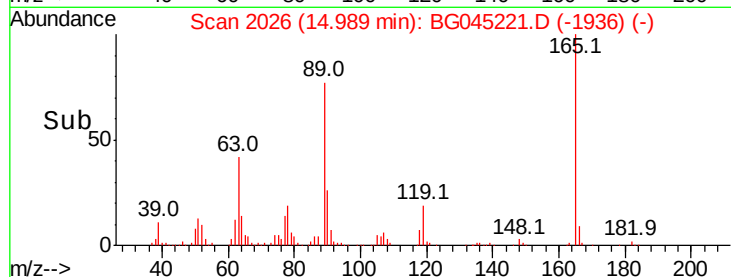
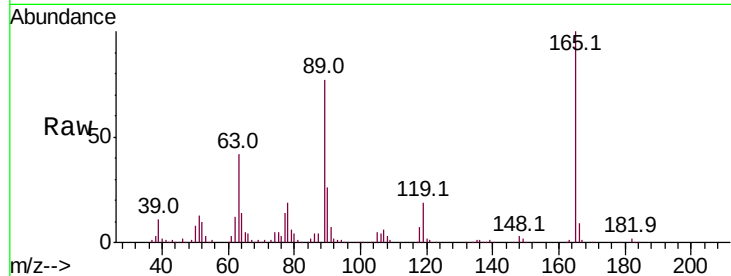
#57
2,4-Dinitrotoluene
Concen: 47.657 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	234625		
63	41.7	32.2	48.2	
89	77.1	61.7	92.5	
182	2.5	2.0	3.0	

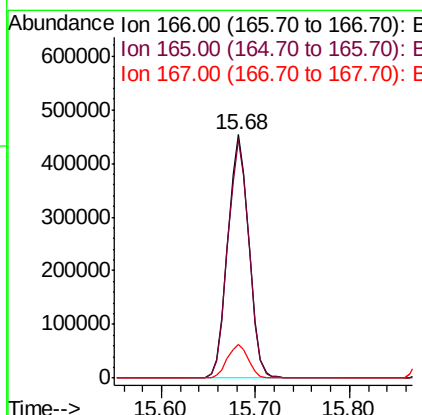
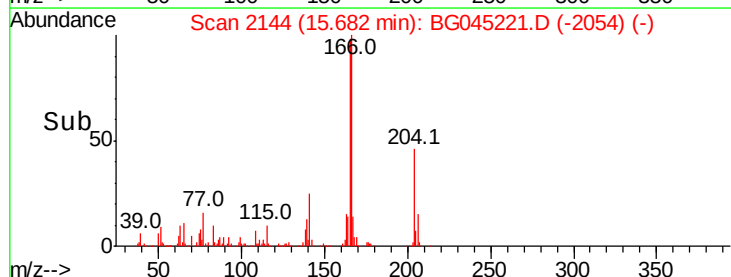
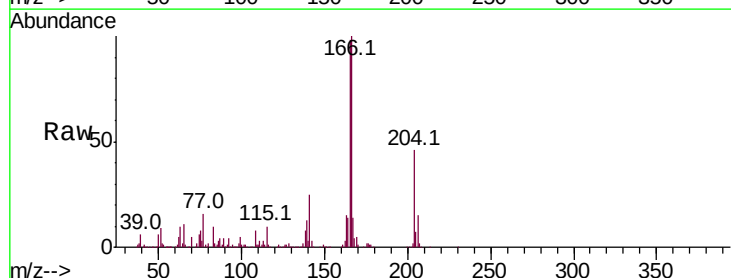
Manual Integrations
APPROVED

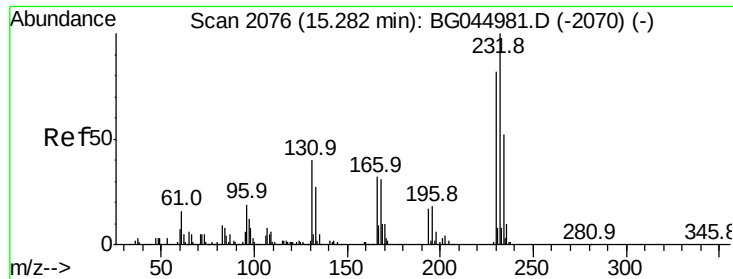
mohammad
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#58
Fluorene
Concen: 50.198 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	707746		
165	98.1	79.9	119.9	
167	13.9	11.4	17.0	





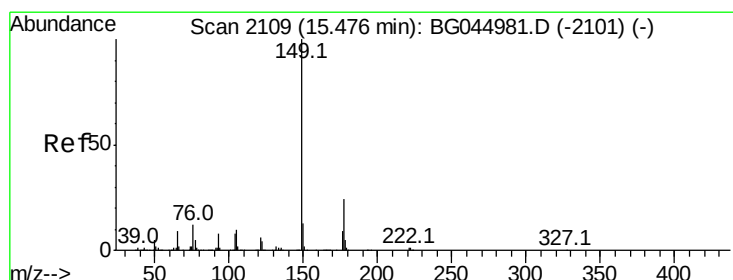
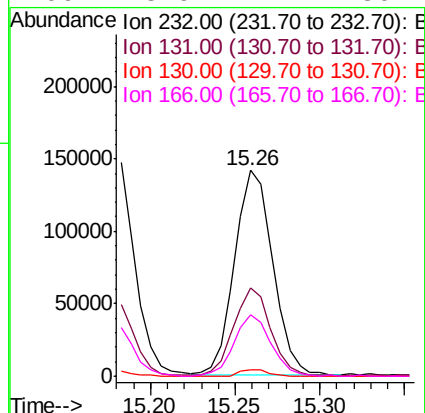
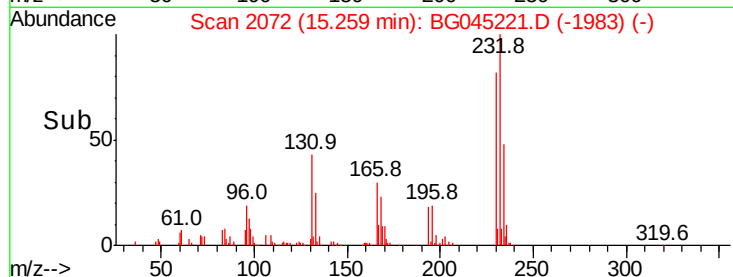
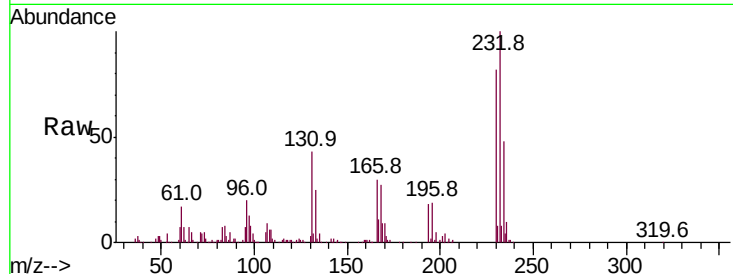
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.402 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	223084		
131	41.7		32.2	48.2
130	2.6		2.2	3.2
166	28.9		24.2	36.4

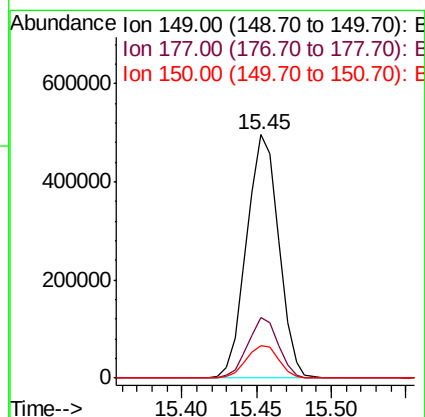
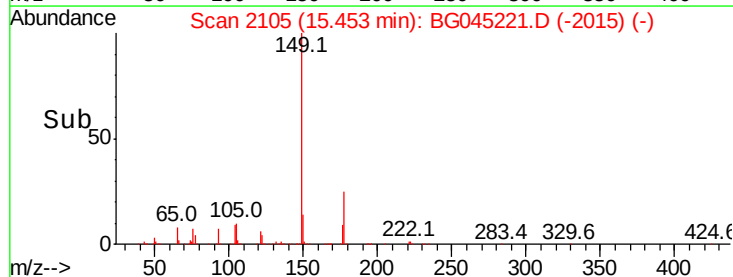
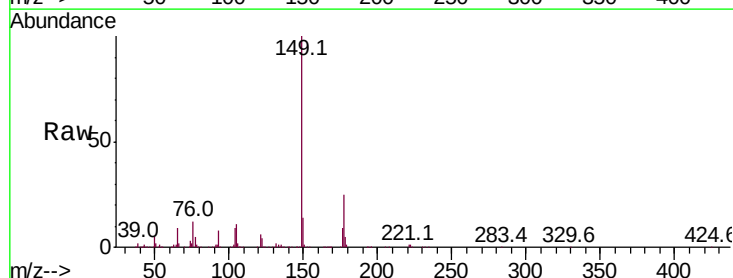
Manual Integrations
APPROVED

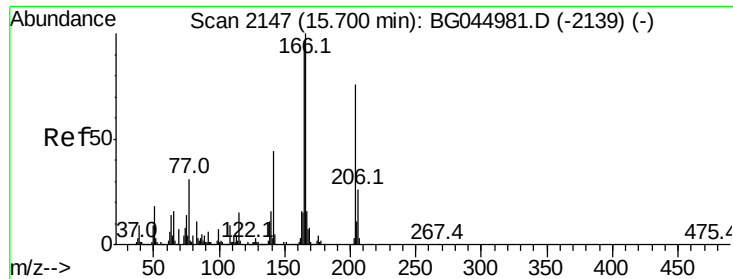
mohammad
5/4/2020 3:46:16 PM



#60
Diethylphthalate
Concen: 47.223 ng
RT: 15.45 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	741546		
177	24.8		18.9	28.3
150	13.6		10.6	15.8





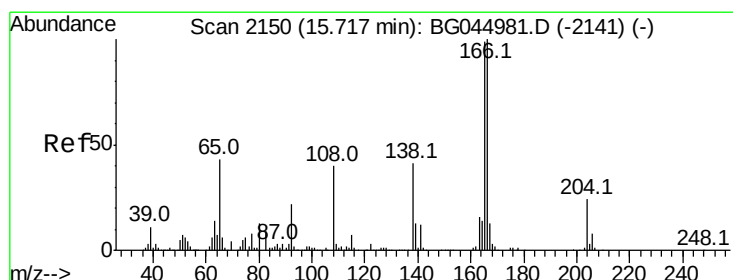
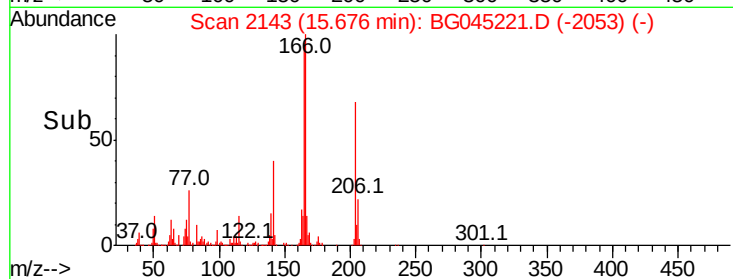
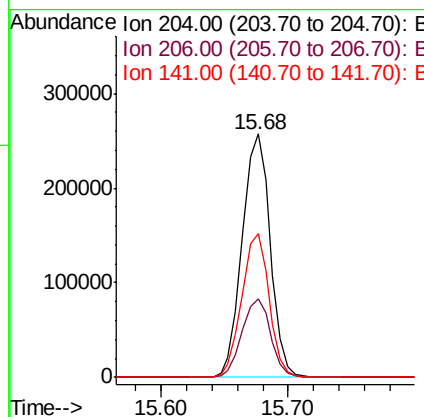
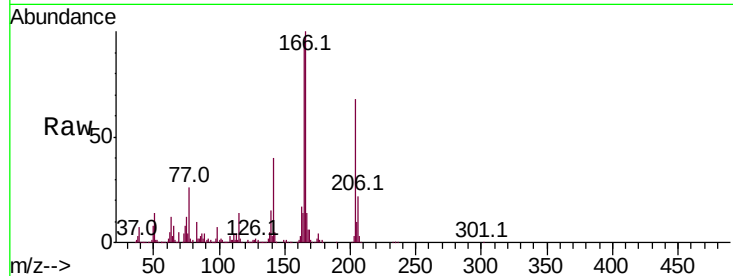
#61
4-Chlorophenyl-phenylether
Concen: 48.620 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.4	26.9	40.3
141	58.9	46.3	69.5

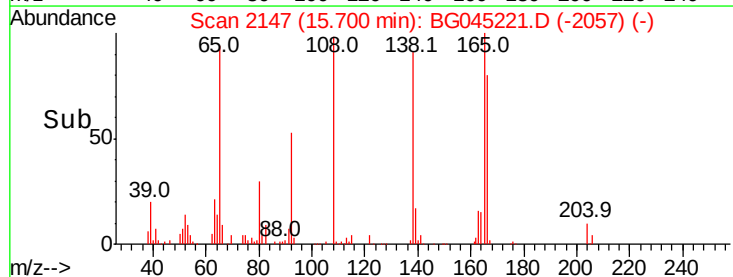
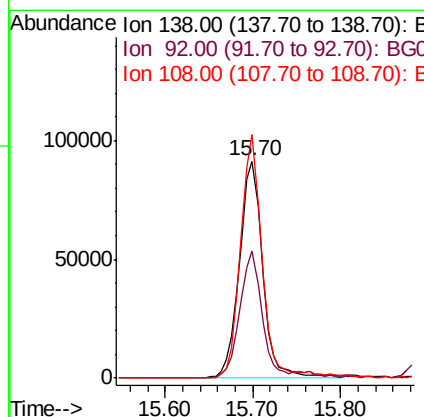
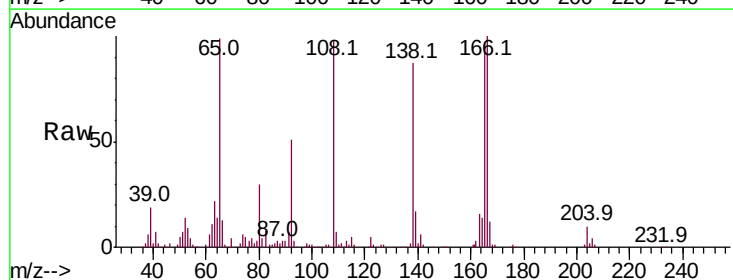
Manual Integrations
APPROVED

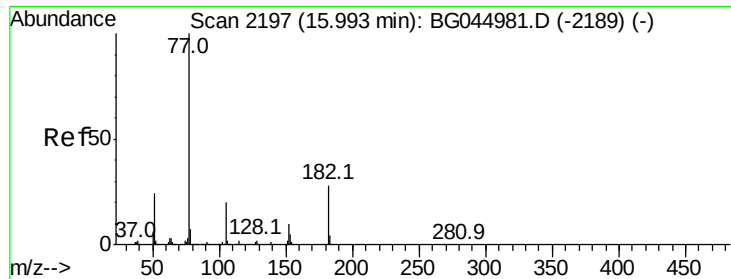
mohammad
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#62
4-Nitroaniline
Concen: 42.926 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	58.4	33.6	73.6
108	112.2	78.2	118.2





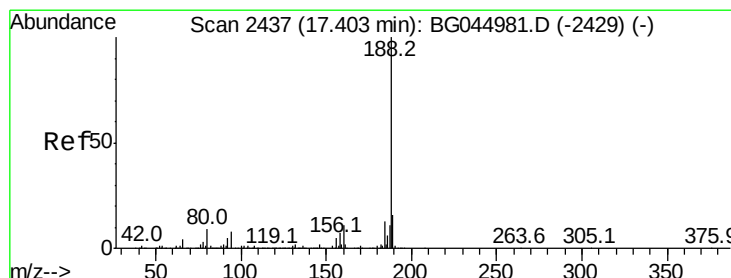
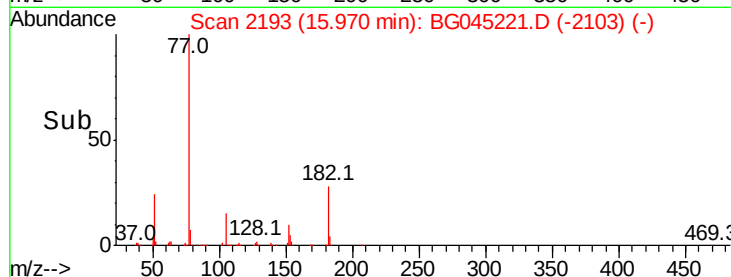
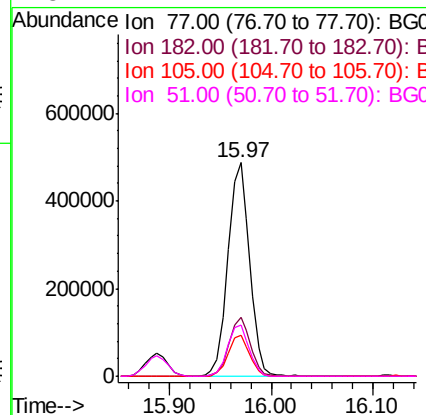
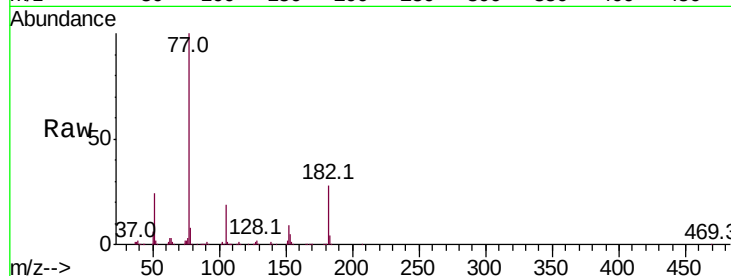
#63
Azobenzene
Concen: 49.625 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.4	48.4
105	19.3	0.5	40.5
51	24.1	4.4	44.4

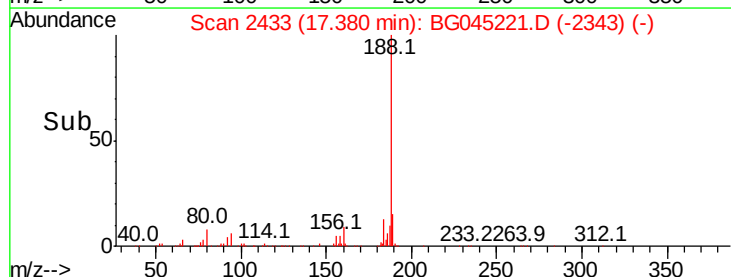
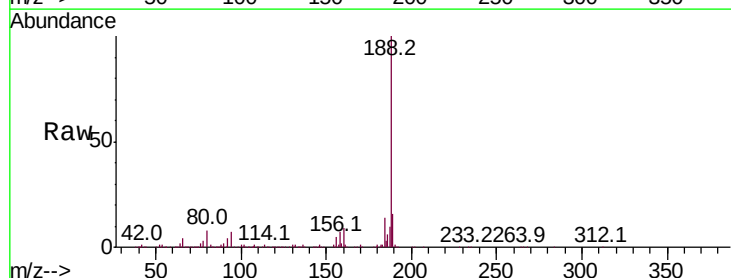
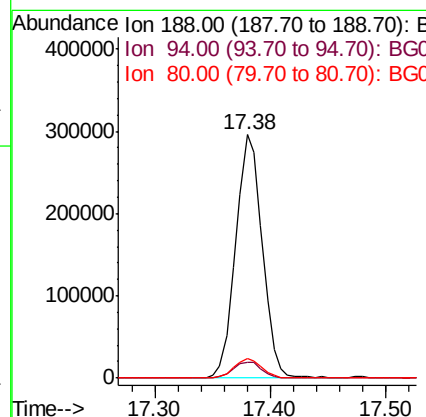
Manual Integrations
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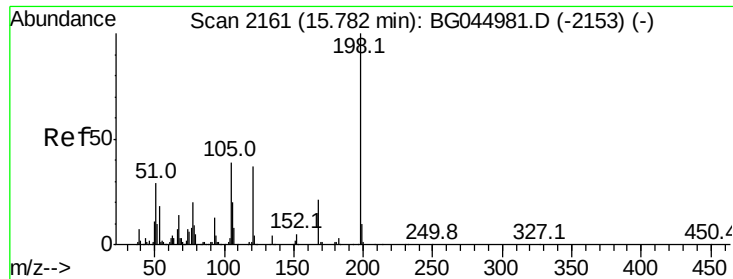
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.2	9.4
80	8.2	7.0	10.6





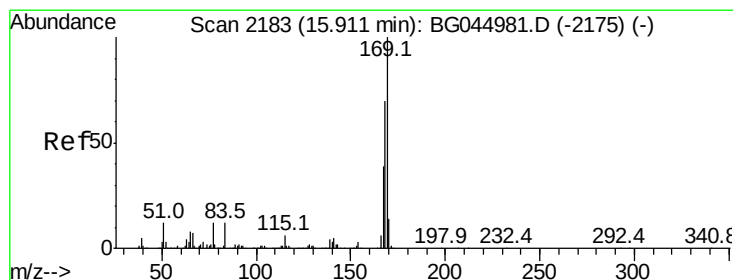
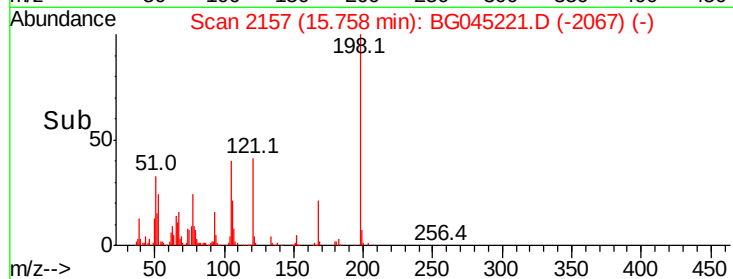
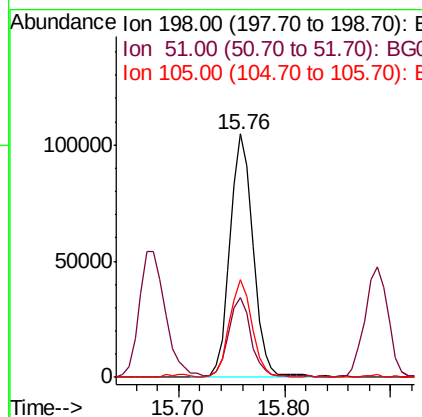
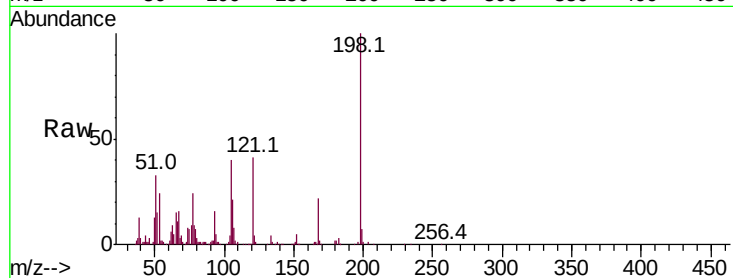
#65
4,6-Dinitro-2-methylphenol
Concen: 51.158 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	158820		
51	33.0		10.0	50.0
105	39.9		18.9	58.9

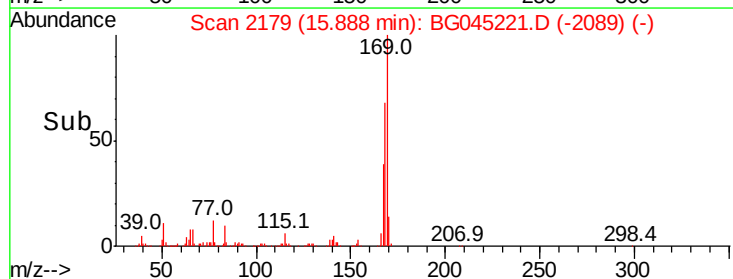
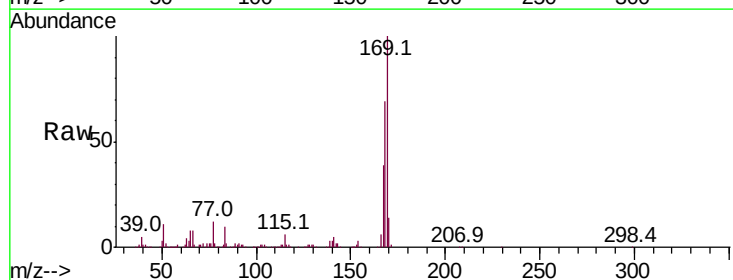
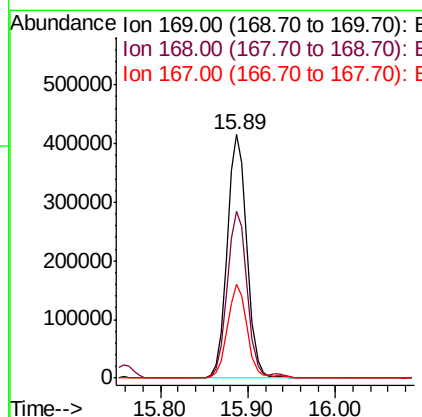
Manual Integrations
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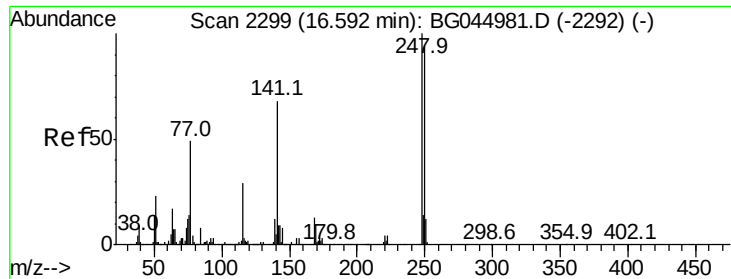
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 47.300 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	641883		
168	68.5		55.8	83.8
167	38.8		30.8	46.2





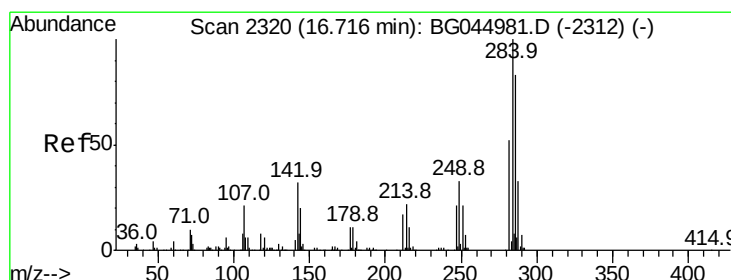
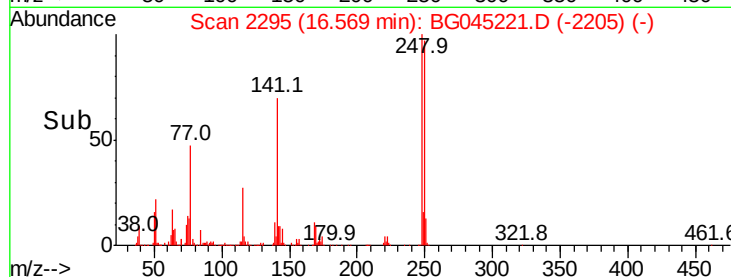
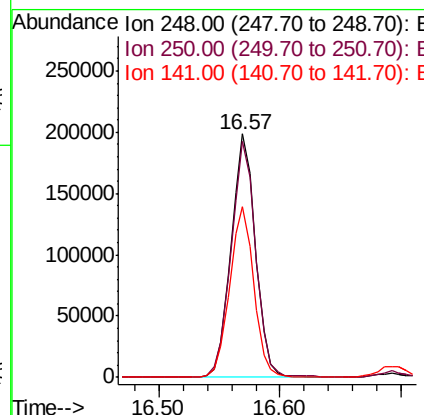
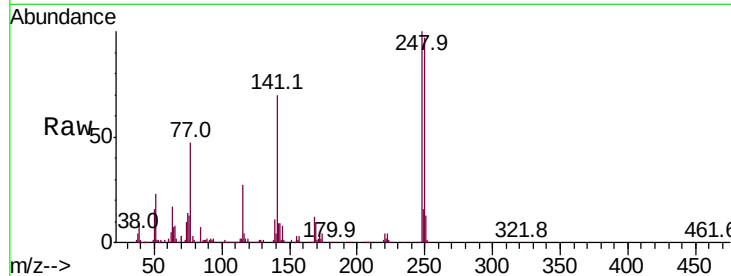
#67
4-Bromophenyl-phenylether
Concen: 45.626 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.4	113.2
141	70.1	54.4	81.6

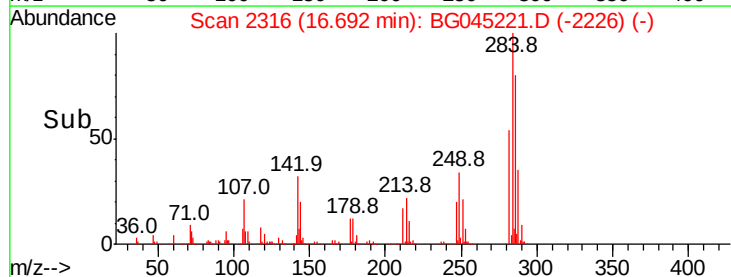
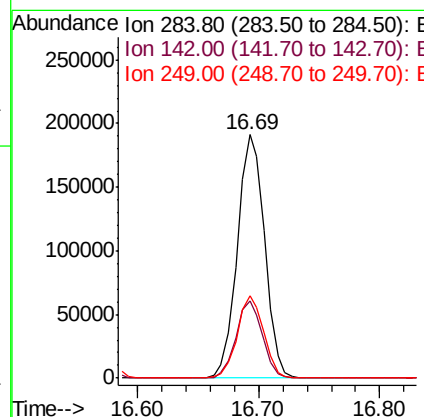
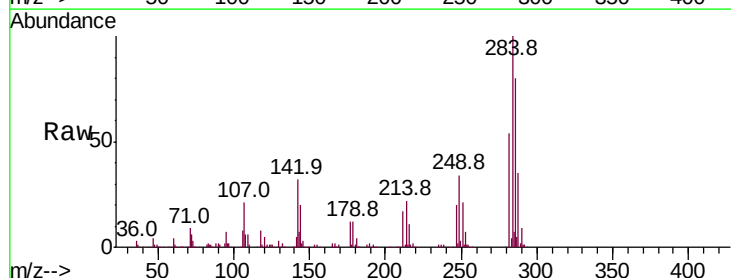
Manual Integrations
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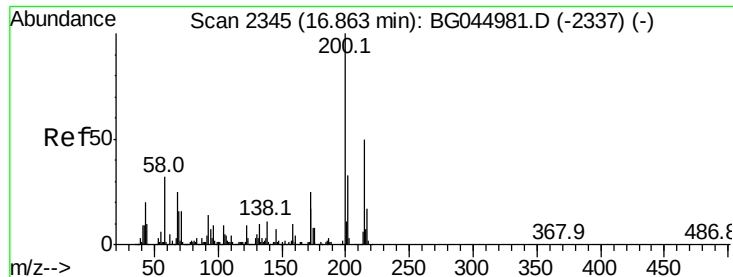
mohammad
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#68
Hexachlorobenzene
Concen: 47.544 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	25.8	38.6
249	33.8	26.6	39.8





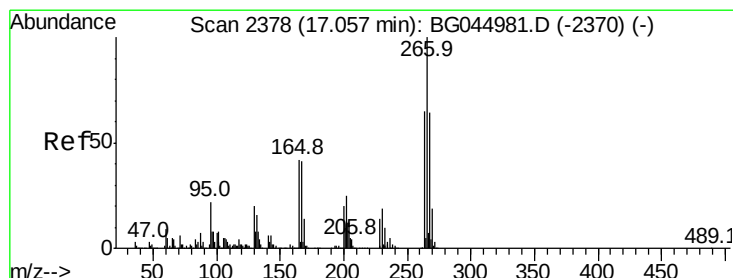
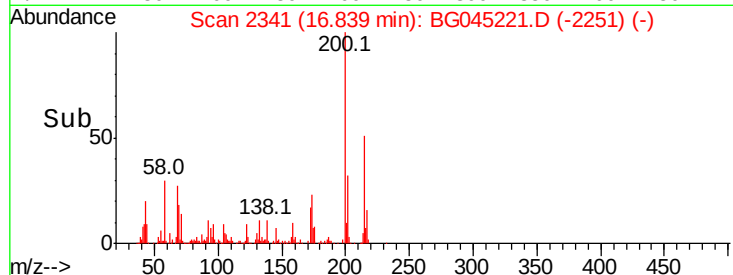
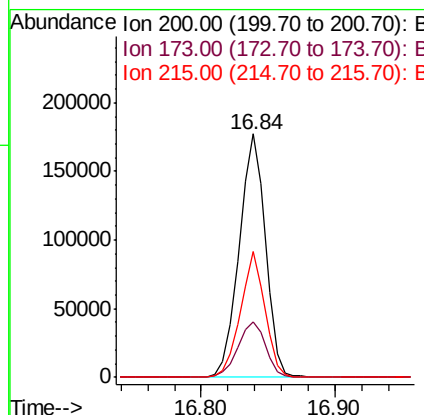
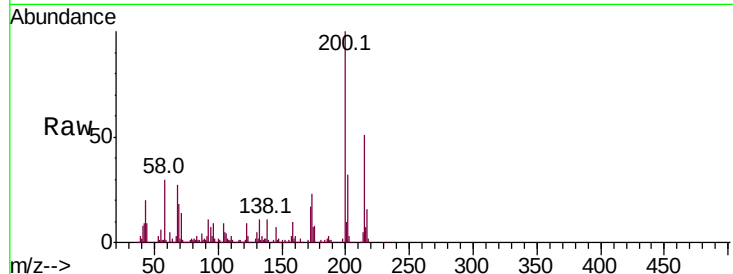
#69
Atrazine
Concen: 49.263 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	4.5	44.5
215	51.5	30.0	70.0

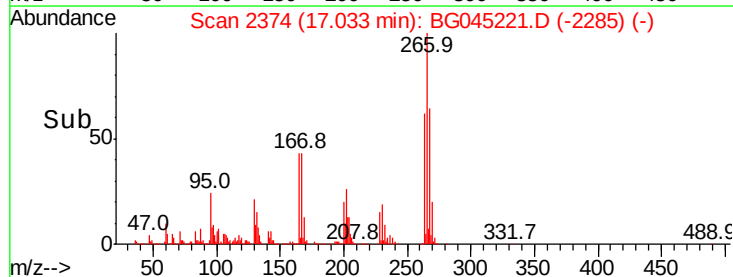
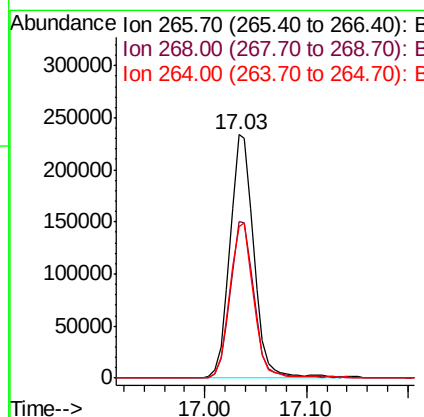
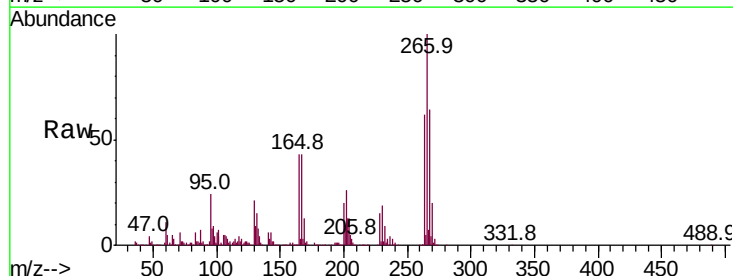
Manual Integrations
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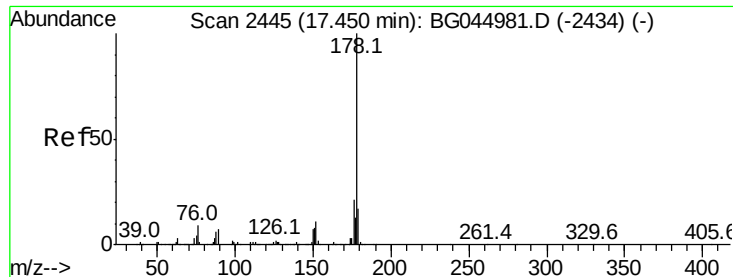
mohammad
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#70
Pentachlorophenol
Concen: 98.736 ng
RT: 17.03 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.5	77.3
264	62.2	52.2	78.4





#71

Phenanthrene

Concen: 48.136 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

Tot Ion:178 Resp: 1168291

Ion Ratio Lower Upper

178 100

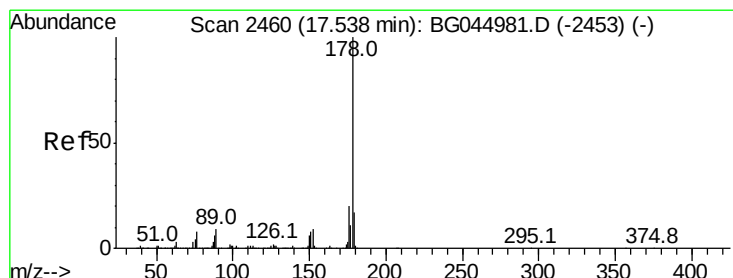
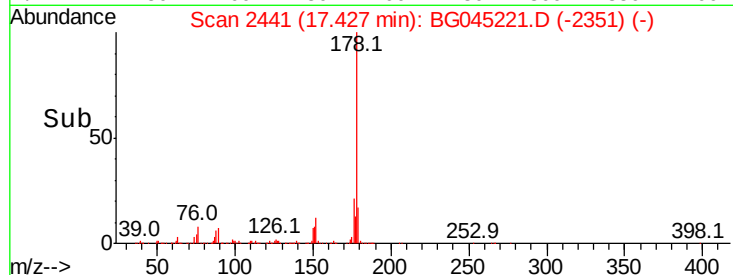
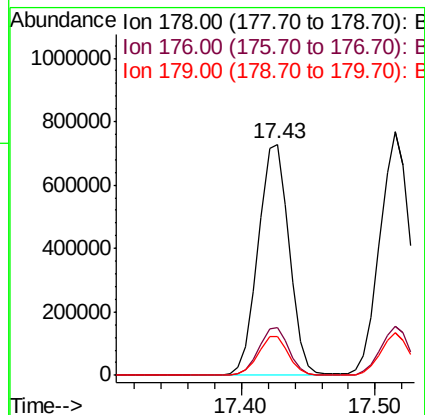
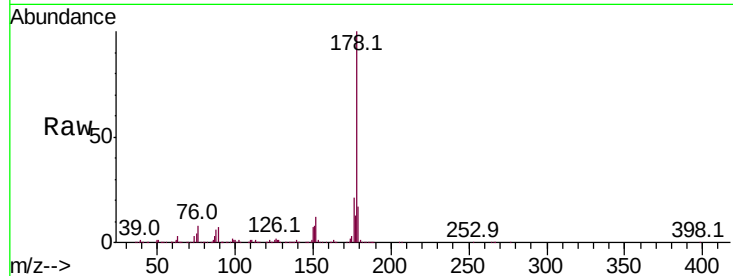
176 20.8 16.8 25.2

179 16.6 13.2 19.8

Manual Integrations
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#72

Anthracene

Concen: 49.562 ng

RT: 17.51 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

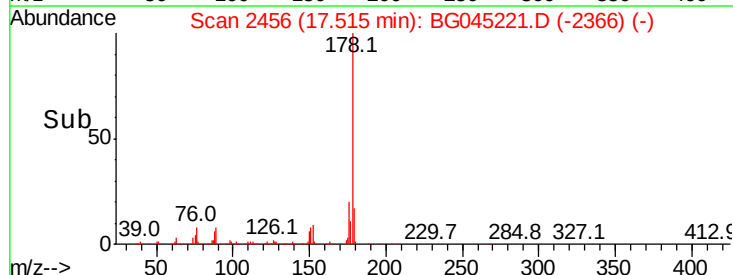
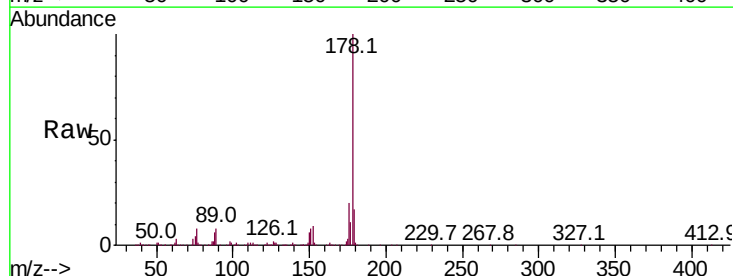
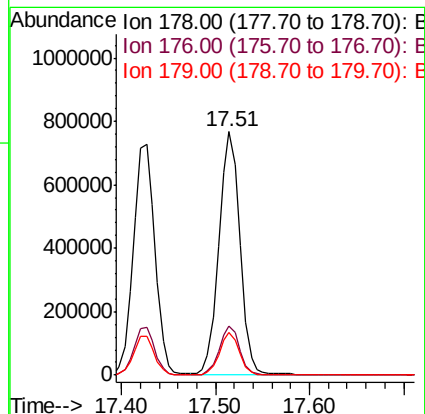
Tgt Ion:178 Resp: 1206638

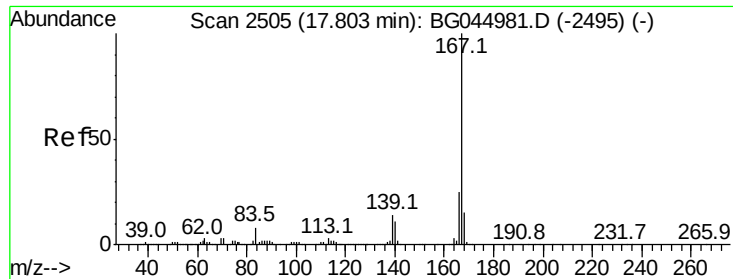
Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 17.3 13.6 20.4





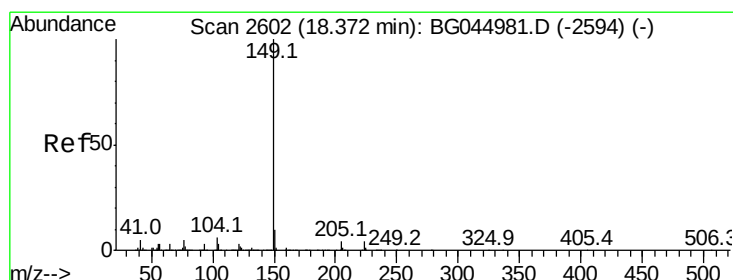
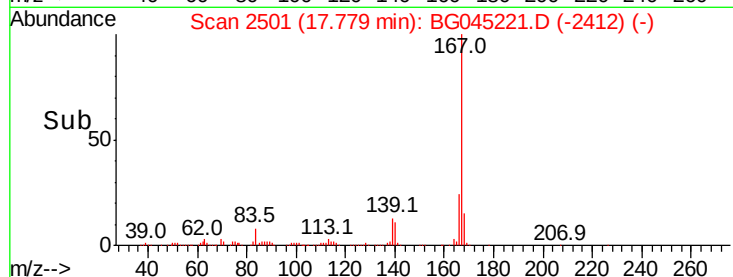
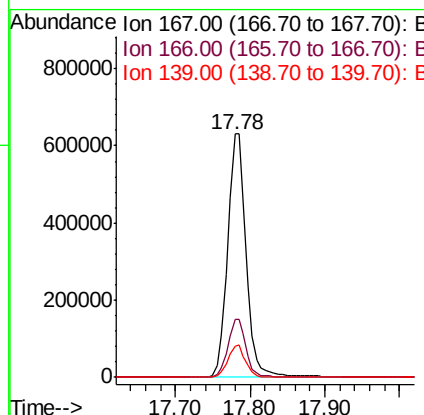
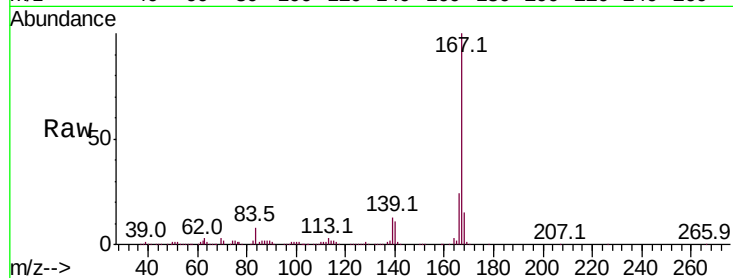
#73
 Carbazole
 Concen: 44.434 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.8	29.6
139	13.0	10.9	16.3

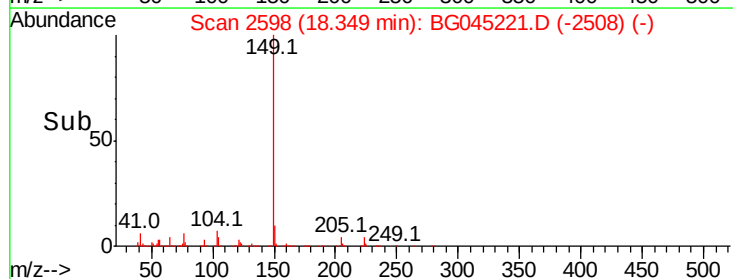
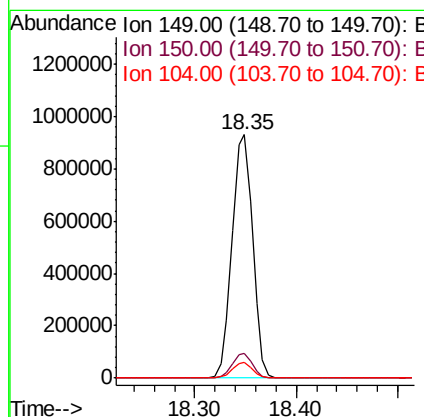
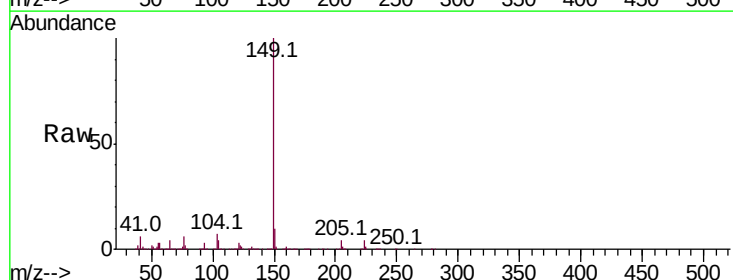
Manual Integrations
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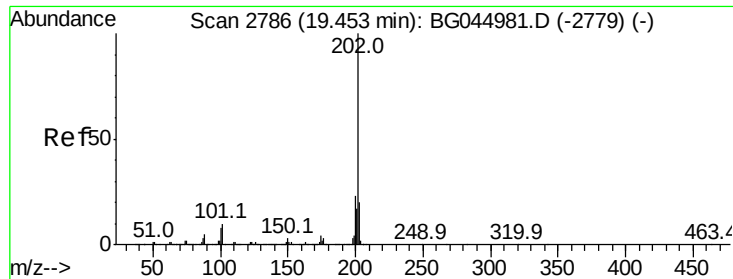
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#74
 Di-n-butylphthalate
 Concen: 49.672 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	6.7	4.8	7.2





#75

Fluoranthene

Concen: 52.751 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

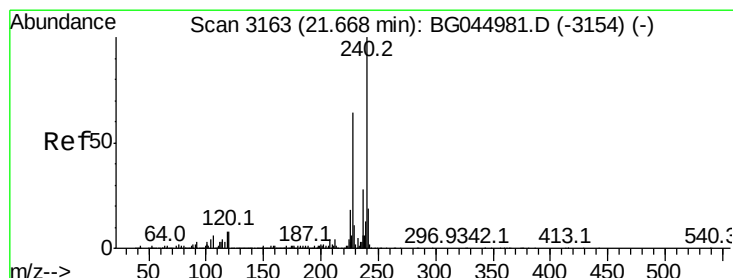
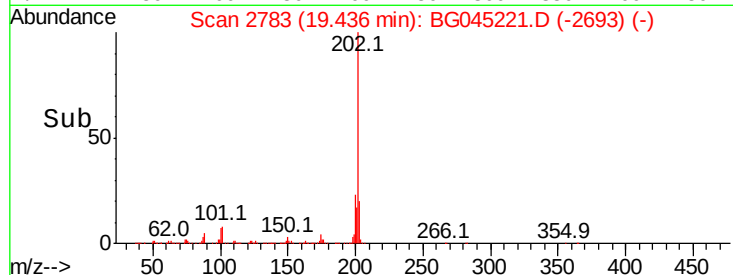
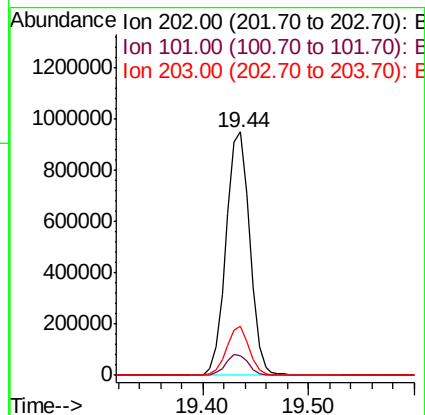
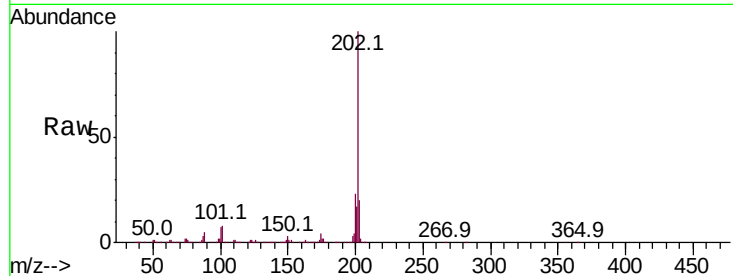
ClientSampleId :

SU-03-043020MS

Tot Ion:	202	Resp:	1474535
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	29.6
203	20.1	0.0	39.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

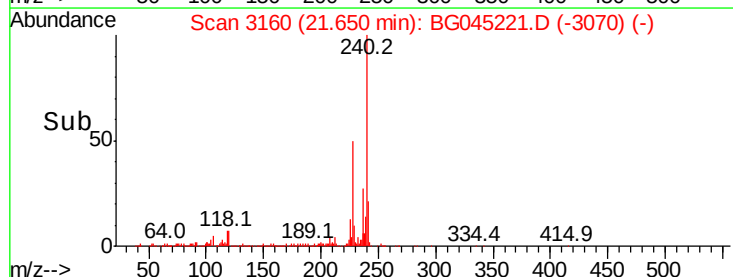
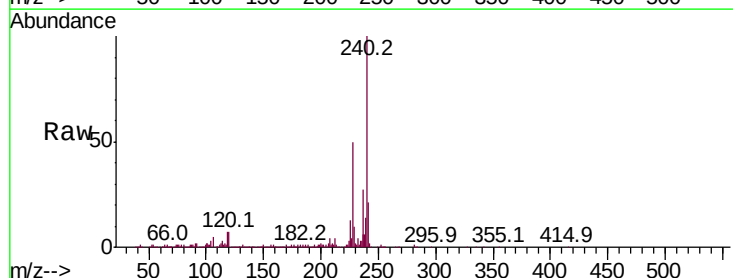
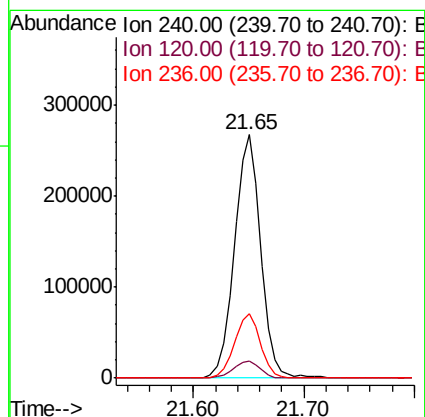
RT: 21.65 min Scan# 3160

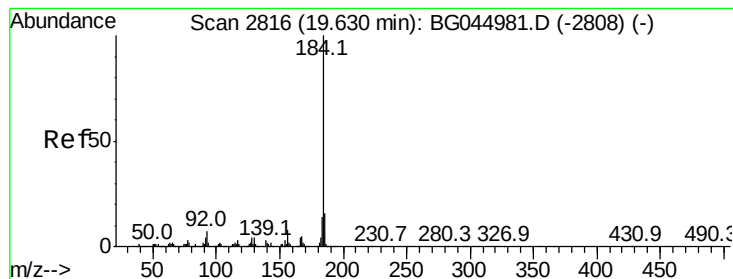
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	240	Resp:	444518
Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	26.7	22.2	33.2





#77

Benzidine

Concen: 10.456 ng

RT: 19.62 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

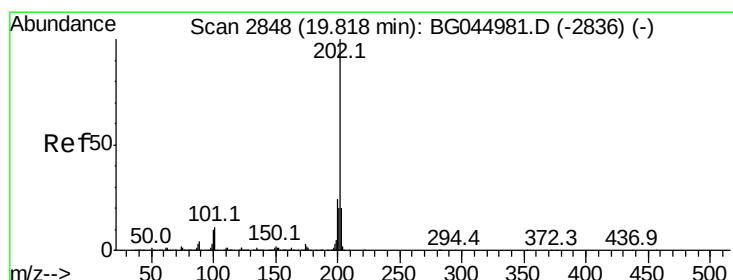
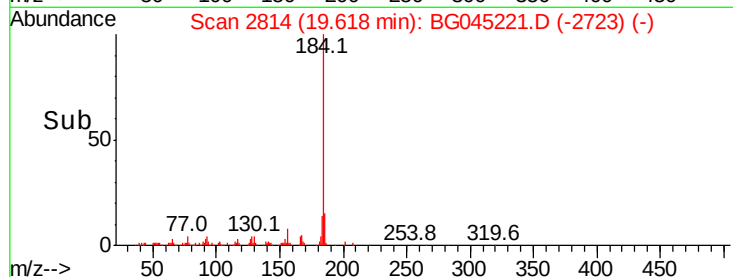
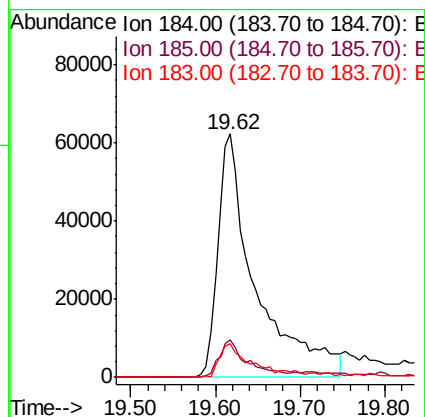
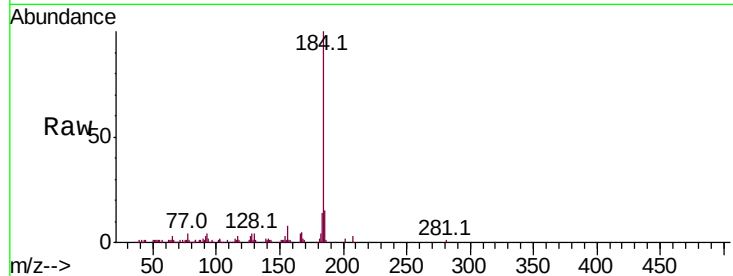
ClientSampleId :

SU-03-043020MS

Tot Ion:	184	Resp:	193483
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	19.0
183	13.8	11.3	16.9

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#78

Pyrene

Concen: 47.617 ng

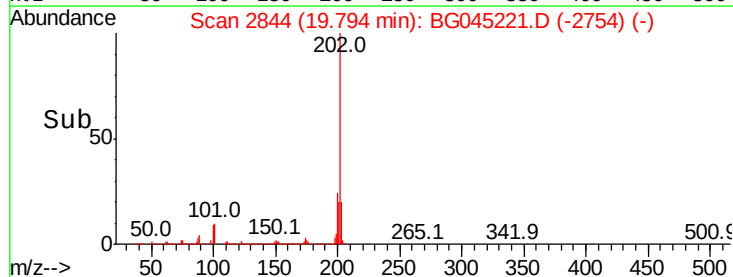
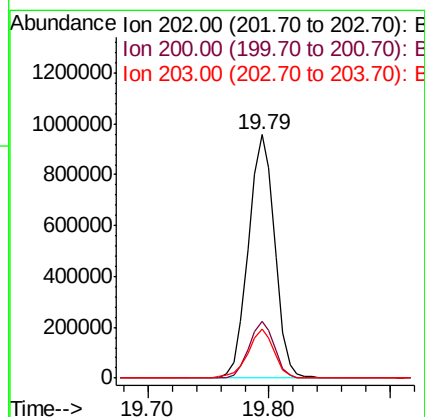
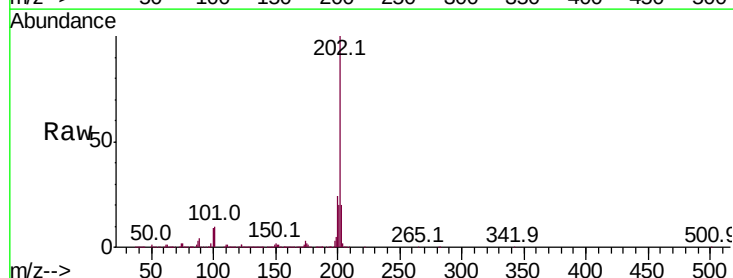
RT: 19.79 min Scan# 2844

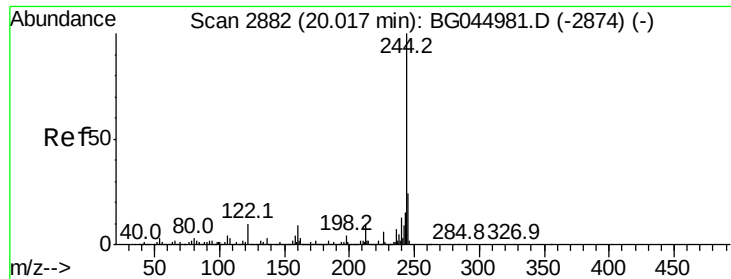
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	202	Resp:	1459243
Ion Ratio	Lower	Upper	
202	100		
200	23.6	19.0	28.6
203	20.2	16.1	24.1





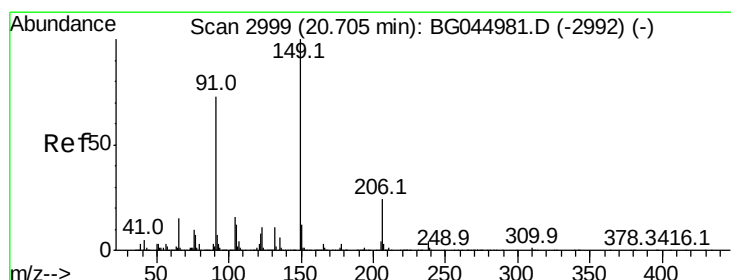
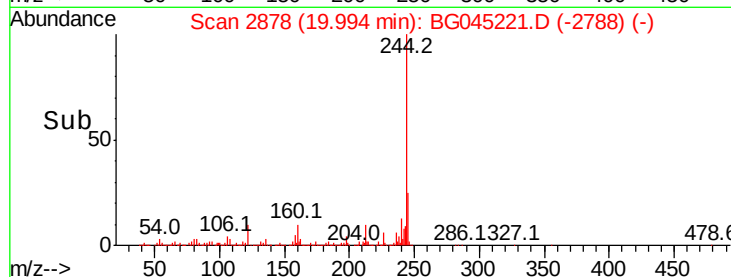
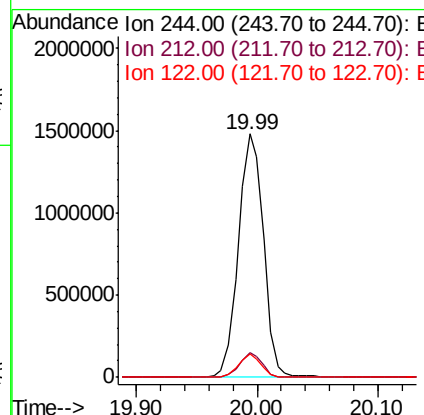
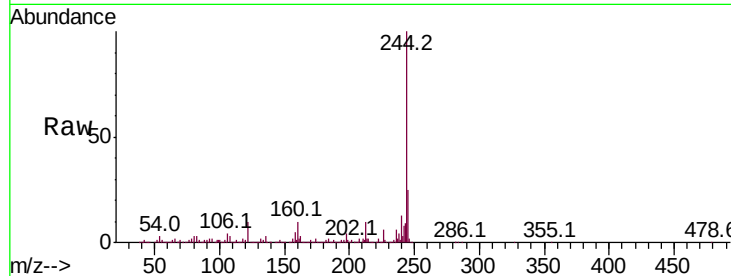
#79
 Terphenyl-d14
 Concen: 105.274 ng
 RT: 19.99 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	9.8	7.7	11.5

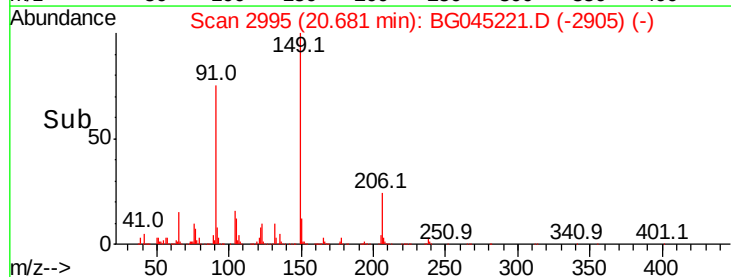
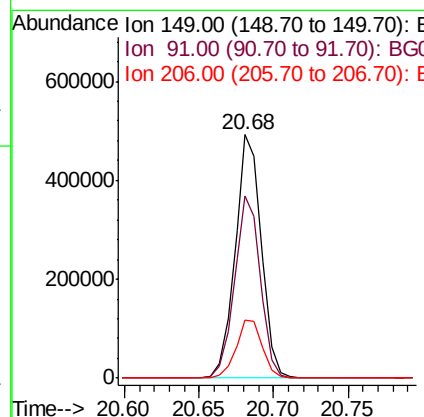
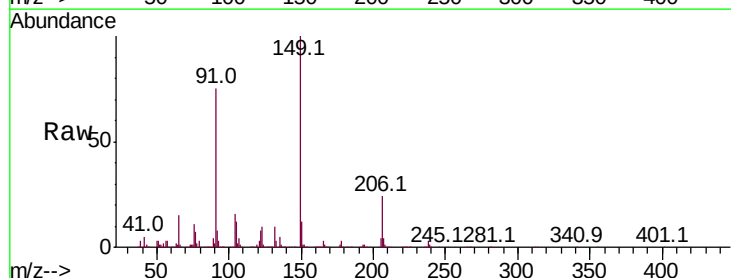
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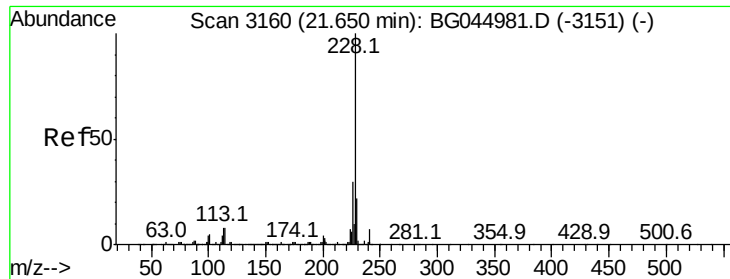
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#80
 Butylbenzylphthalate
 Concen: 47.395 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG045221.D
 Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.9	58.5	87.7
206	23.7	19.2	28.8





#81

Benzo(a)anthracene

Concen: 49.228 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

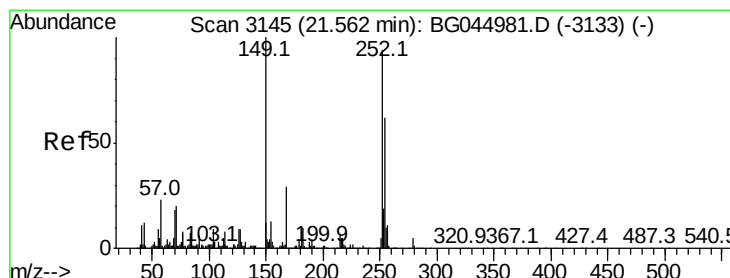
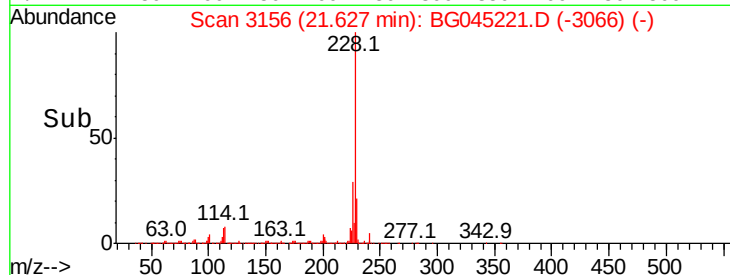
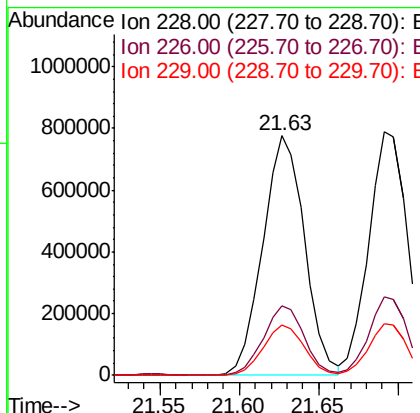
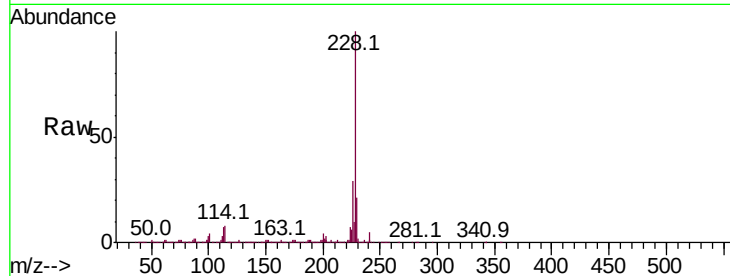
ClientSampleId :

SU-03-043020MS

Tot Ion:	228	Resp:	1418311
Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	21.2	17.5	26.3

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#82

3,3'-Dichlorobenzidine

Concen: 39.009 ng

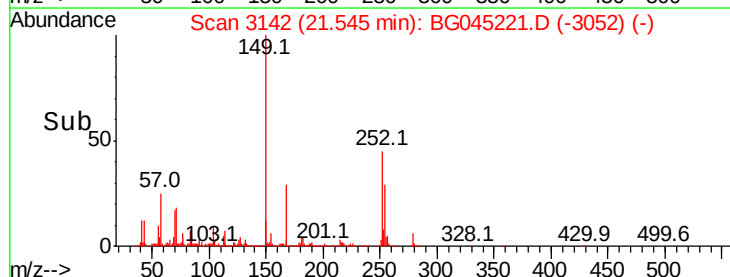
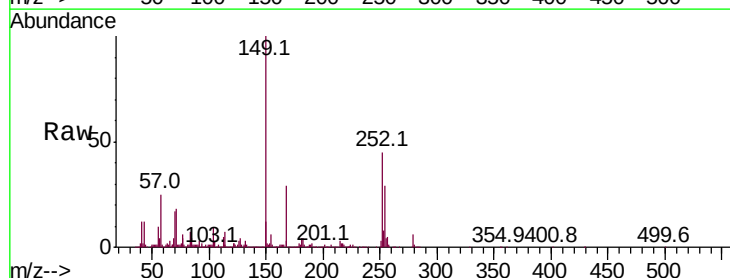
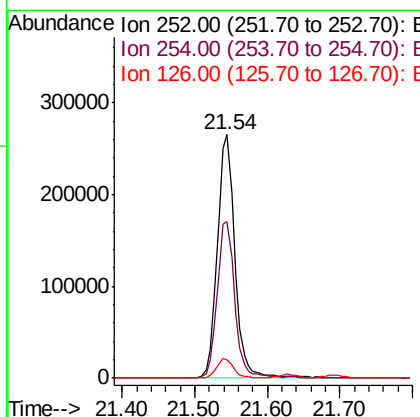
RT: 21.54 min Scan# 3142

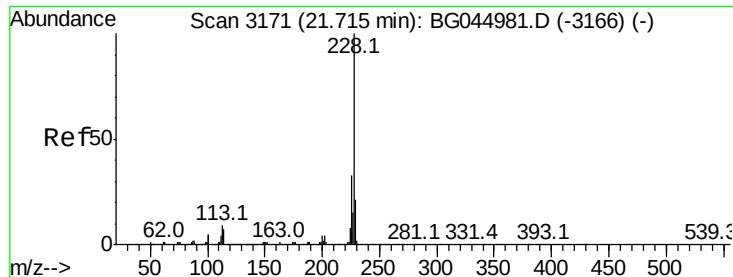
Delta R.T. -0.00 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	252	Resp:	447334
Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	79.0
126	7.7	7.5	11.3





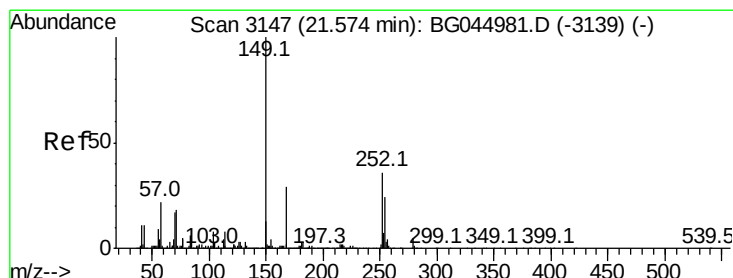
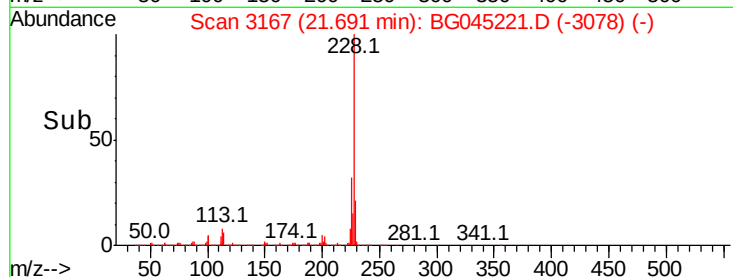
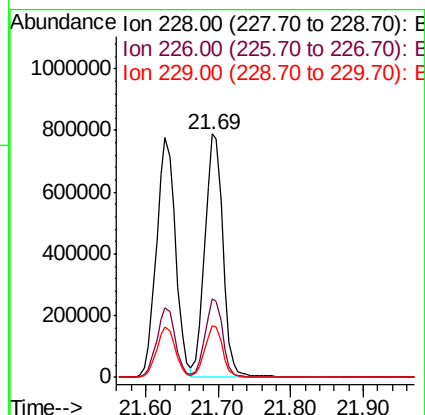
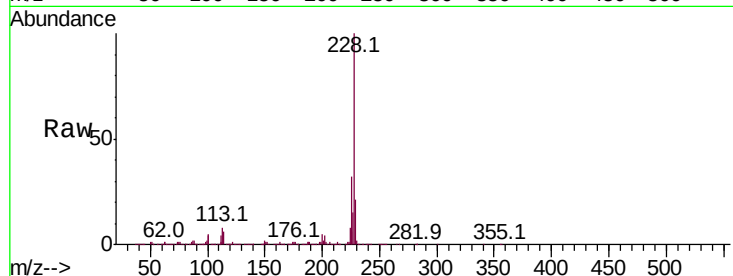
#83
Chrysene
Concen: 49.221 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	21.3	17.0	25.6

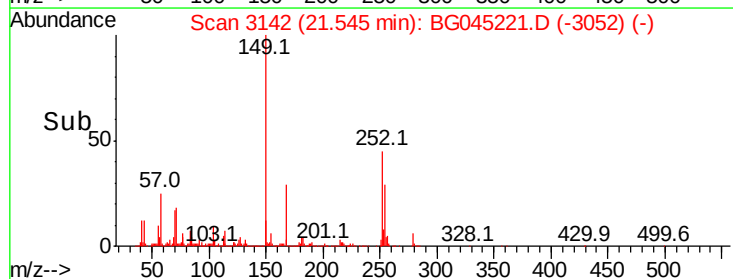
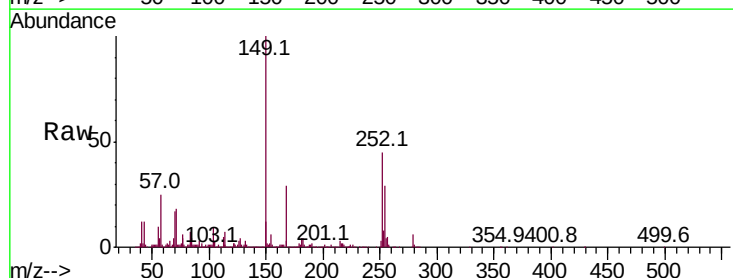
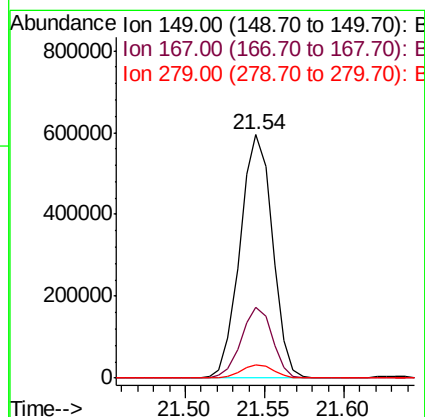
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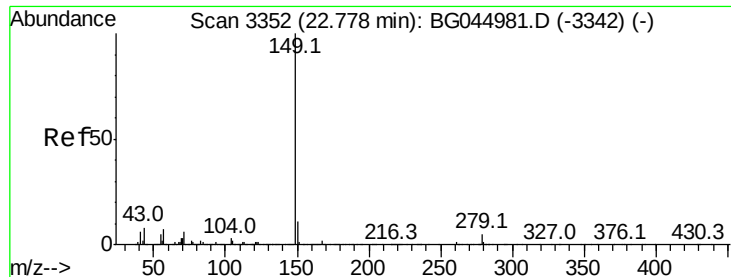
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.339 ng
RT: 21.54 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	5.7	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 47.953 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

ClientSampleId :

SU-03-043020MS

Tot Ion:149 Resp: 1448740

Ion Ratio Lower Upper

149 100

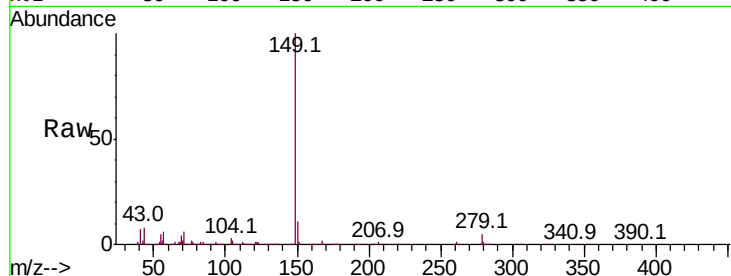
167 1.7 1.4 2.2

43 7.3 5.7 8.5

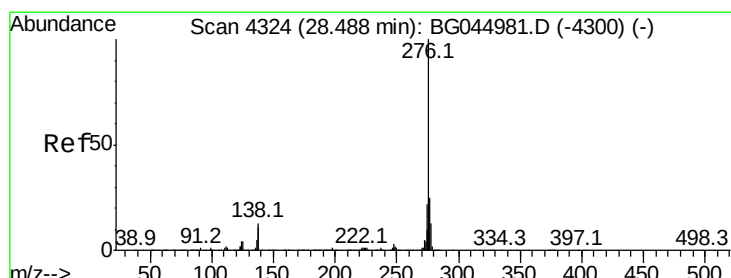
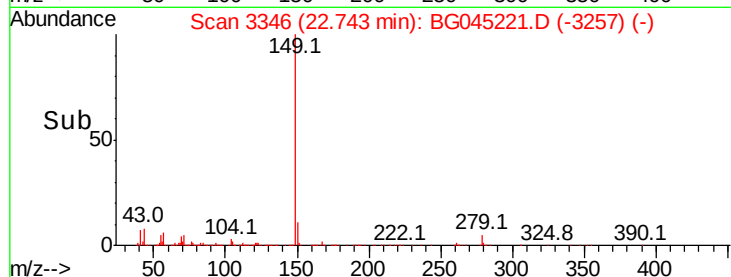
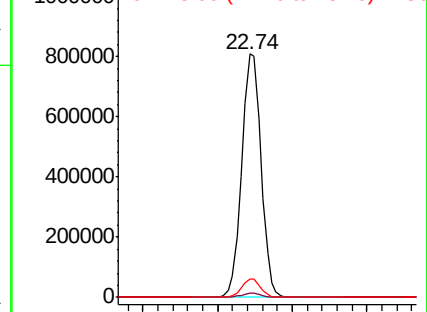
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.709 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

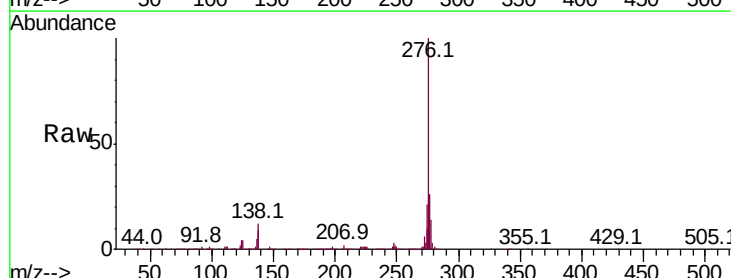
Tgt Ion:276 Resp: 1863718

Ion Ratio Lower Upper

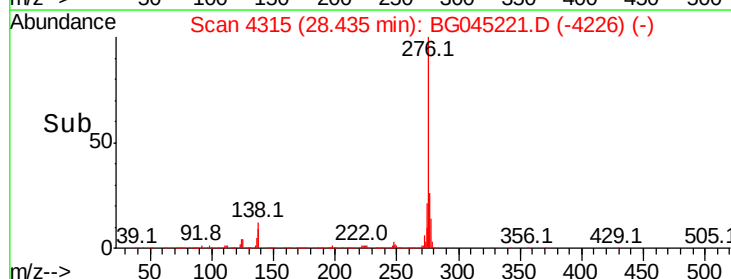
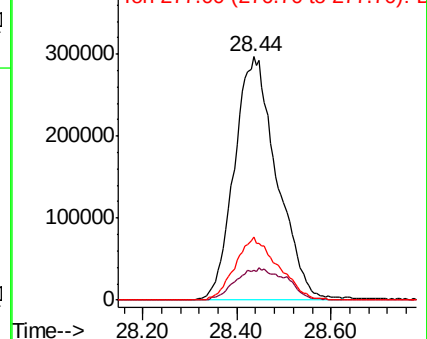
276 100

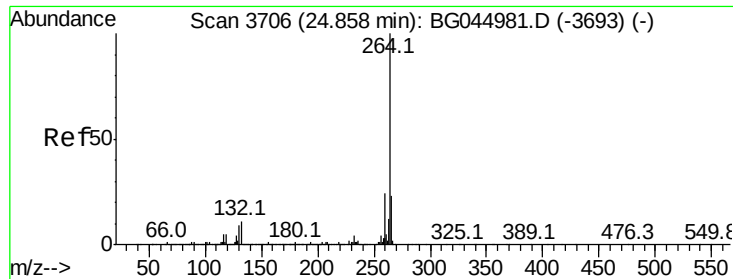
138 15.6 9.6 14.4#

277 26.0 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# 3699

Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Instrument :

BNA_G

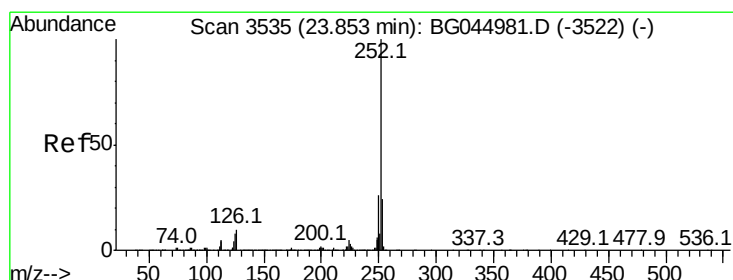
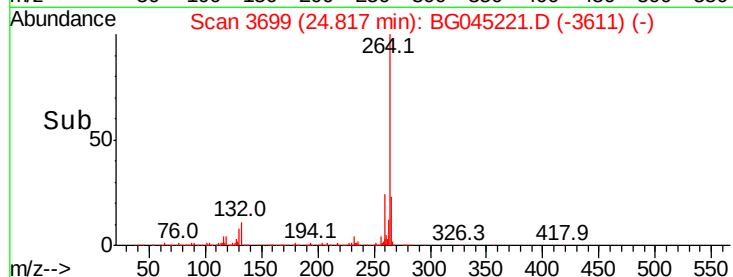
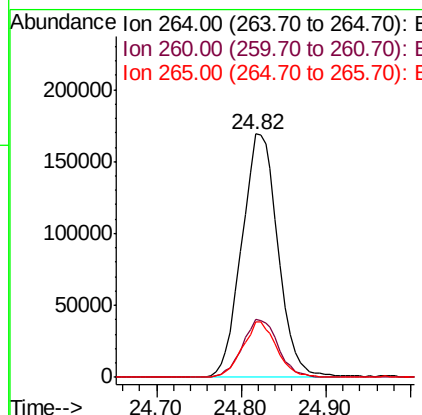
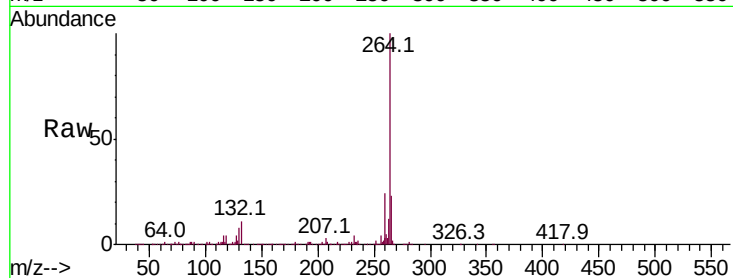
ClientSampleId :

SU-03-043020MS

Tot Ion:	264	Resp:	502994
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	22.8	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 48.899 ng

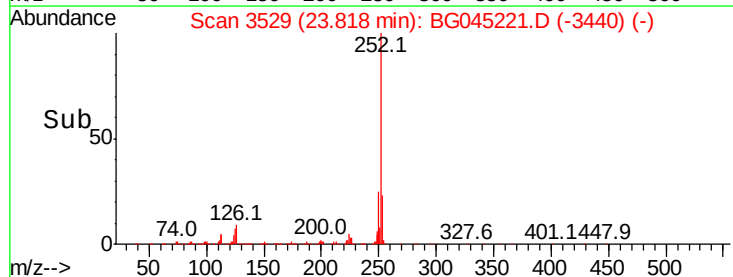
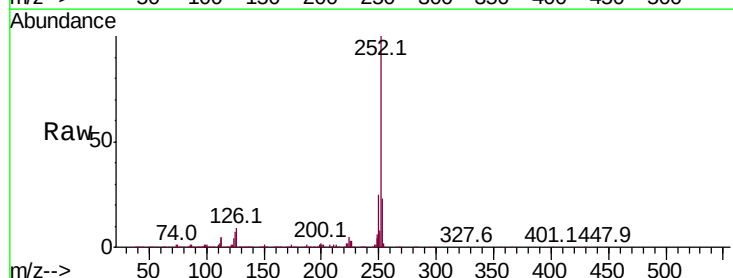
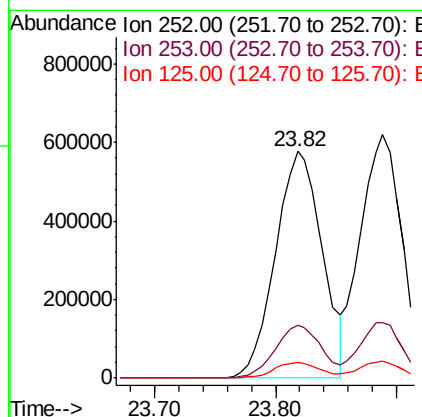
RT: 23.82 min Scan# 3529

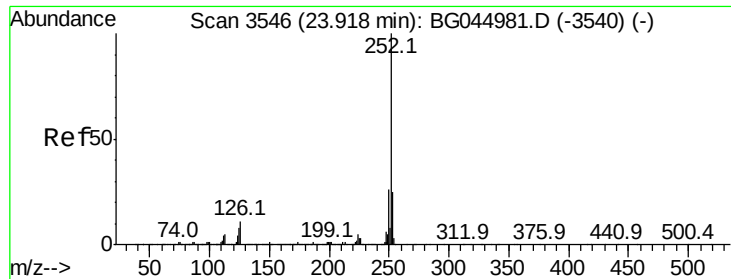
Delta R.T. -0.01 min

Lab File: BG045221.D

Acq: 1 May 2020 18:17

Tgt Ion:	252	Resp:	1540671
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.8	28.2
125	7.0	6.2	9.4





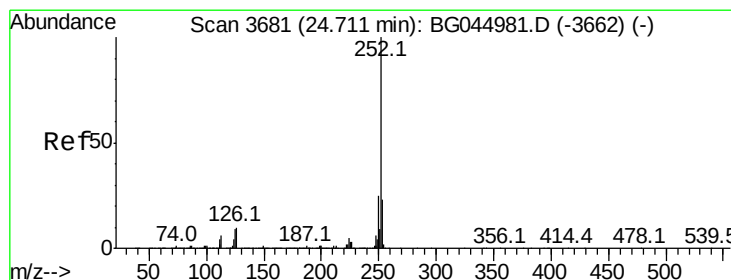
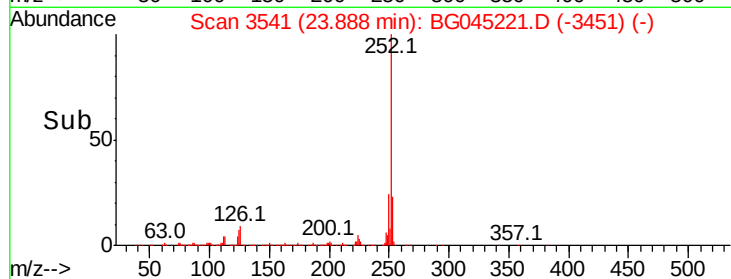
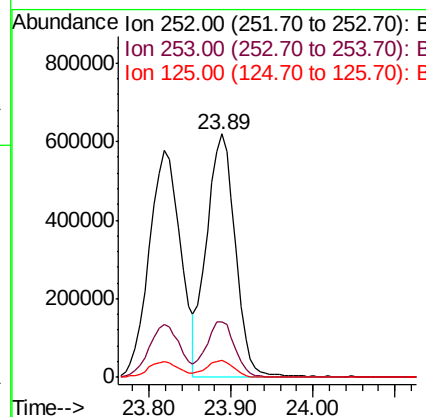
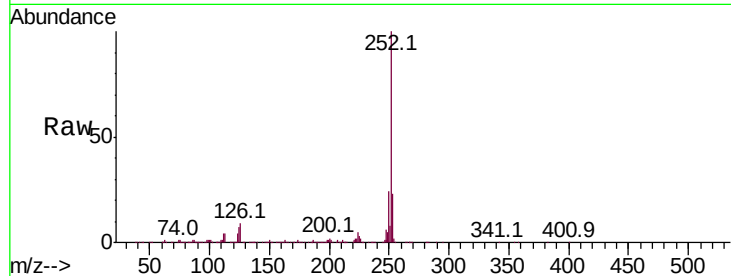
#89
Benzo(k)fluoranthene
Concen: 50.150 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	6.7	5.9	8.9

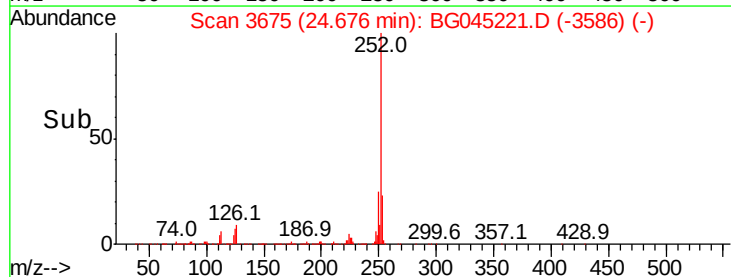
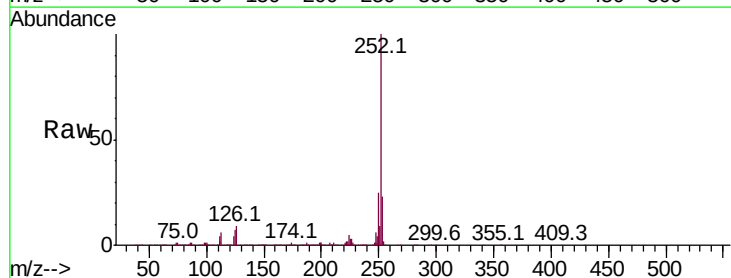
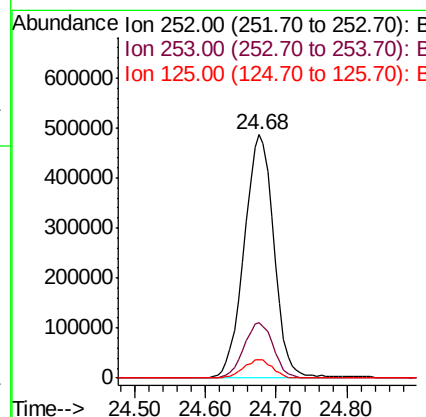
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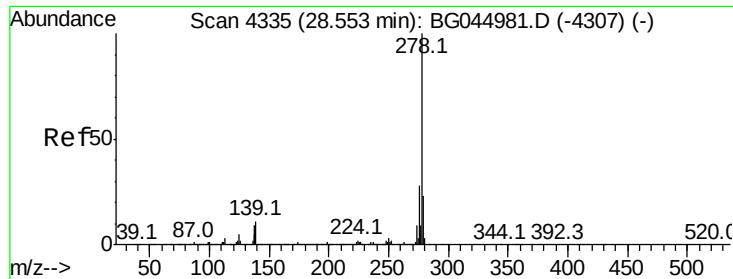
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#90
Benzo(a)pyrene
Concen: 47.869 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	7.5	7.0	10.6





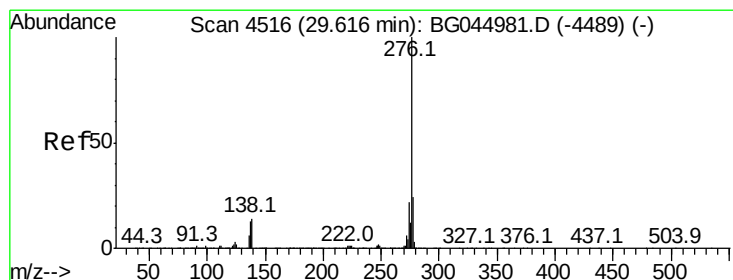
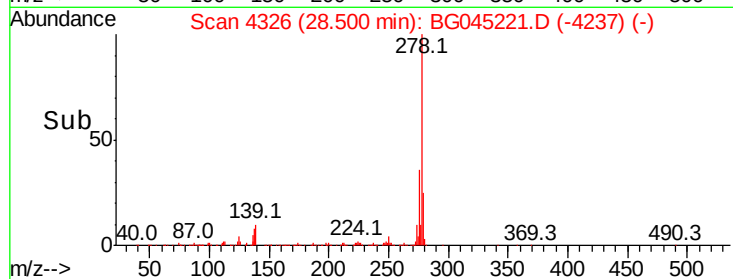
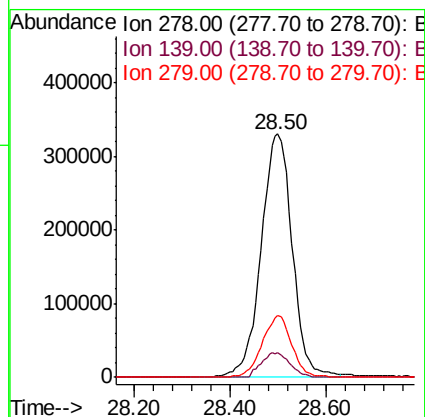
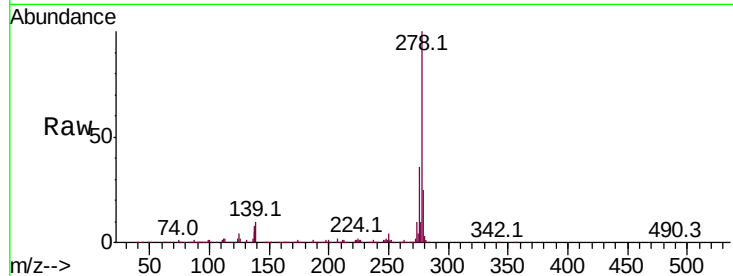
#91
Dibenzo(a,h)anthracene
Concen: 49.738 ng
RT: 28.50 min Scan# 4326
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Instrument :
BNA_G
ClientSampleId :
SU-03-043020MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.0	13.6
279	25.2	18.4	27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 51.440 ng
RT: 29.56 min Scan# 4507
Delta R.T. -0.01 min
Lab File: BG045221.D
Acq: 1 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	13.3	11.4	17.2

