

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045347.D
 Acq On : 13 May 2020 4:23
 Operator : CG/JU
 Sample : L2571-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIE-WASHMSD

Manual Integrations
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mohammad
 5/14/2020 11:54:03 AM

Quant Time: May 13 05:22:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	64082	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	260228	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	192473	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	459191	20.00	ng	0.00
76) Chrysene-d12	21.63	240	408039	20.00	ng	0.00
87) Perylene-d12	24.79	264	448301	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	440890	113.59	ng	0.00
7) Phenol-d6	7.14	99	588641	102.07	ng	0.00
23) Nitrobenzene-d5	9.13	82	431028	75.58	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	336770	113.26	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	992432	75.61	ng	0.00
79) Terphenyl-d14	19.98	244	1670615	89.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	58553	33.944	ng	# 52
3) Pyridine	3.84	79	88730	16.706	ng	98
4) n-Nitrosodimethylamine	3.74	42	66839	41.080	ng	# 87
6) Aniline	7.30	93	165082	22.016	ng	99
8) 2-Chlorophenol	7.54	128	175405	42.047	ng	98
9) Benzaldehyde	7.10	77	118179	35.002	ng	99
10) Phenol	7.17	94	211930	36.724	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	166869	36.318	ng	96
12) 1,3-Dichlorobenzene	7.86	146	172413	35.074	ng	98
13) 1,4-Dichlorobenzene	8.01	146	178641	36.471	ng	97
14) 1,2-Dichlorobenzene	8.33	146	165901	35.403	ng	95
15) Benzyl Alcohol	8.21	79	185893	38.446	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.50	45	150135	33.288	ng	98
17) 2-Methylphenol	8.42	107	160476	36.041	ng	95
18) Hexachloroethane	9.06	117	68243	37.061	ng	98
19) n-Nitroso-di-n-propylamine	8.78	70	148533	36.419	ng	98
20) 3+4-Methylphenols	8.75	107	224972	36.098	ng	98
22) Acetophenone	8.79	105	279611	39.733	ng	99
24) Nitrobenzene	9.17	77	225321	38.543	ng	96
25) Isophorone	9.70	82	426077	36.482	ng	98
26) 2-Nitrophenol	9.89	139	100929	40.081	ng	97
27) 2,4-Dimethylphenol	9.96	122	165698	41.471	ng	92
28) bis(2-Chloroethoxy)methane	10.19	93	225368	36.726	ng	97
29) 2,4-Dichlorophenol	10.43	162	187746	40.694	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	196465	37.611	ng	100
31) Naphthalene	10.83	128	544599	38.256	ng	99
32) Benzoic acid	10.12	122	129440	41.151	ng	98
33) 4-Chloroaniline	10.94	127	44592	6.717	ng	92
34) Hexachlorobutadiene	11.13	225	133943	37.400	ng	98
35) Caprolactam	11.72	113	59054	32.161	ng	98
36) 4-Chloro-3-methylphenol	12.07	107	217290	40.092	ng	97
37) 2-Methylnaphthalene	12.44	142	415730	37.624	ng	99
38) 1-Methylnaphthalene	12.66	142	398241	38.178	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	232579	37.530	ng	99

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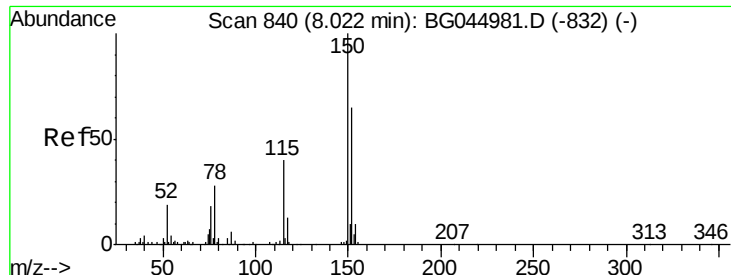
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	271243	70.029	nq	100
43) 2,4,6-Trichlorophenol	13.05	196	176508	40.357	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	188962	37.956	nq	96
46) 1,1'-Biphenyl	13.45	154	537460	36.739	nq	98
47) 2-Chloronaphthalene	13.49	162	416459	37.256	nq	98
48) 2-Nitroaniline	13.69	65	139868	38.030	nq	96
49) Acenaphthylene	14.34	152	689098	37.846	nq	99
50) Dimethylphthalate	14.07	163	664559	42.404	nq	99
51) 2,6-Dinitrotoluene	14.19	165	136825	39.033	nq	97
52) Acenaphthene	14.68	154	540355m	43.862	nq	
53) 3-Nitroaniline	14.51	138	74960	19.498	nq	98
54) 2,4-Dinitrophenol	14.73	184	182556	87.582	nq	92
55) Dibenzofuran	15.01	168	678963	37.803	nq	98
56) 4-Nitrophenol	14.84	139	204995	68.768	nq	95
57) 2,4-Dinitrotoluene	14.98	165	189079	36.910	nq	# 94
58) Fluorene	15.67	166	564786	38.498	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	182200	41.131	nq	97
60) Diethylphthalate	15.44	149	606571	37.123	nq	100
61) 4-Chlorophenyl-phenylether	15.66	204	307108	36.369	nq	99
62) 4-Nitroaniline	15.68	138	126002	31.599	nq	99
63) Azobenzene	15.95	77	567431	37.667	nq	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	129709	42.974	nq	97
66) n-Nitrosodiphenylamine	15.87	169	508984	38.579	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	216841	36.604	nq	98
68) Hexachlorobenzene	16.68	284	226783	36.912	nq	98
69) Atrazine	16.82	200	193345	39.606	nq	99
70) Pentachlorophenol	17.02	266	298105	79.094	nq	98
71) Phenanthrene	17.40	178	912746	38.681	nq	99
72) Anthracene	17.50	178	921692	38.940	nq	99
73) Carbazole	17.76	167	858453	35.739	nq	97
74) Di-n-butylphthalate	18.33	149	1031140	38.568	nq	100
75) Fluoranthene	19.42	202	1106029	39.064	nq	98
78) Pyrene	19.78	202	1095127	38.930	nq	99
80) Butylbenzylphthalate	20.67	149	446063	38.255	nq	99
81) Benzo(a)anthracene	21.61	228	1038436	39.265	nq	98
82) 3,3'-Dichlorobenzidine	21.52	252	208087	19.768	nq	96
83) Chrysene	21.67	228	983018	38.686	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	627139	39.106	nq	98
85) Di-n-octyl phthalate	22.72	149	1068809	38.540	nq	99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1302322	38.602	nq	# 97
88) Benzo(b)fluoranthene	23.79	252	1070307	38.114	nq	98
89) Benzo(k)fluoranthene	23.86	252	1059593	39.677	nq	97
90) Benzo(a)pyrene	24.64	252	977959	36.886	nq	98
91) Dibenzo(a,h)anthracene	28.44	278	1072324	40.138	nq	97
92) Benzo(g,h,i)perylene	29.49	276	1086583	40.568	nq	97

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



#1

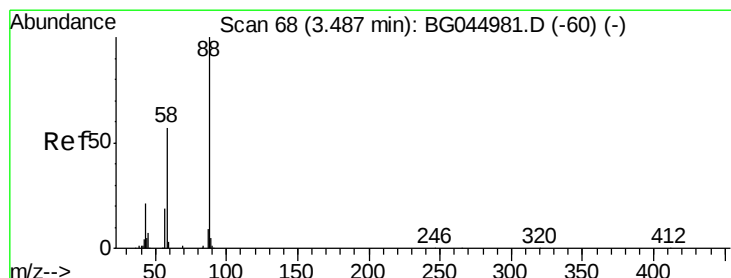
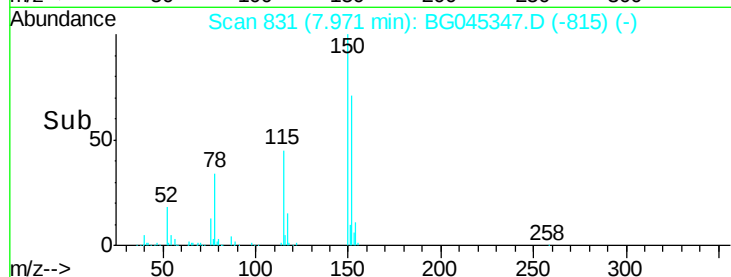
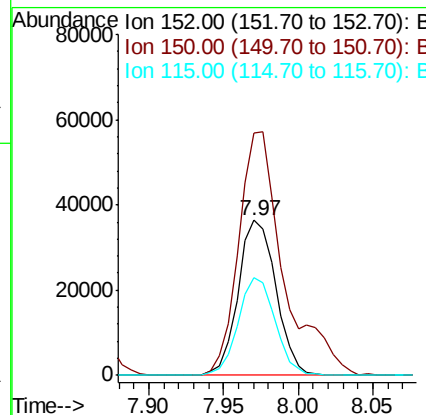
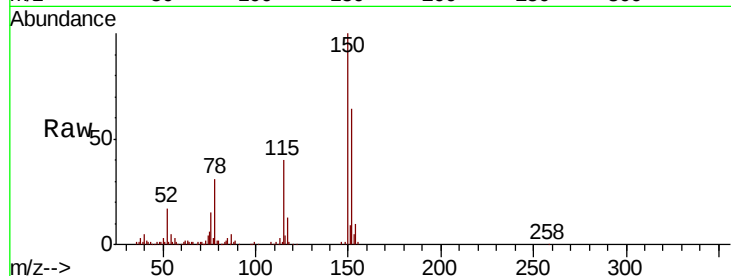
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.6	185.4
115	63.3	49.1	73.7

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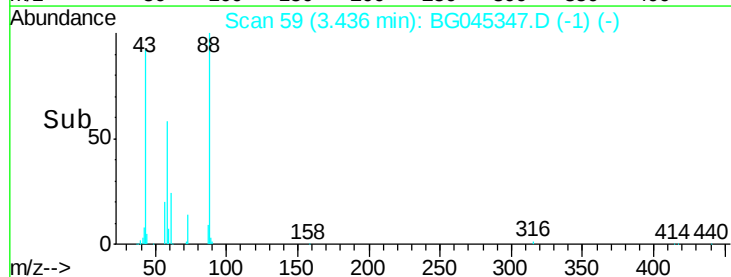
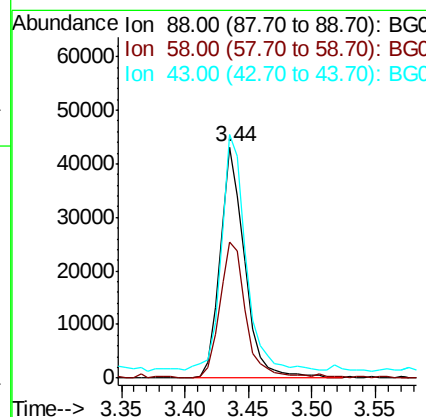
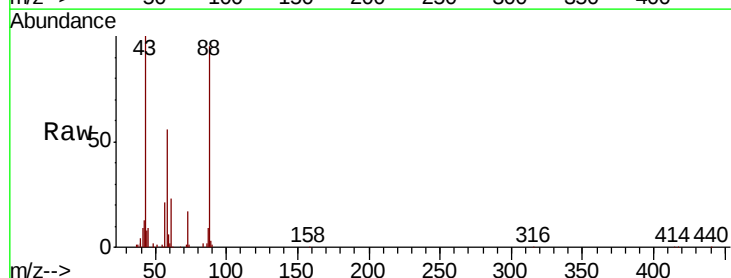
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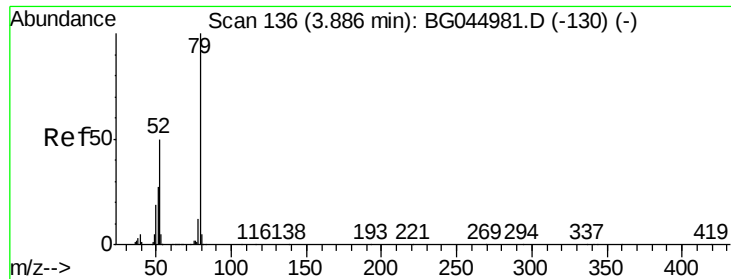


#2

1,4-Dioxane
Concen: 33.944 ng
RT: 3.44 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	46.6	69.8
43	100.1	17.5	26.3





#3

Pvridine

Concen: 16.706 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.02 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Instrument :

BNA_G

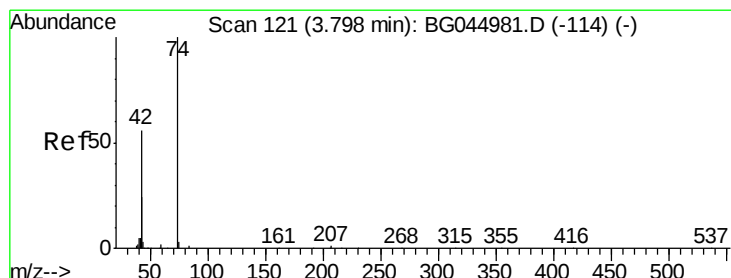
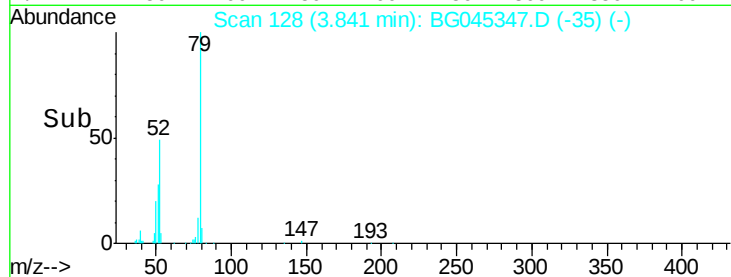
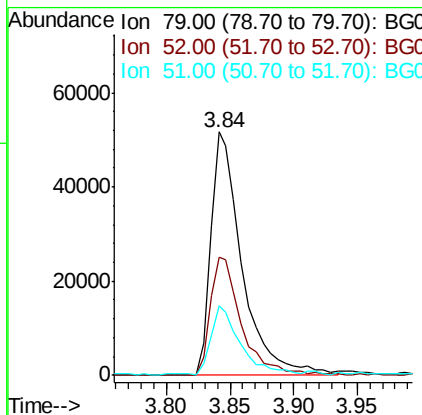
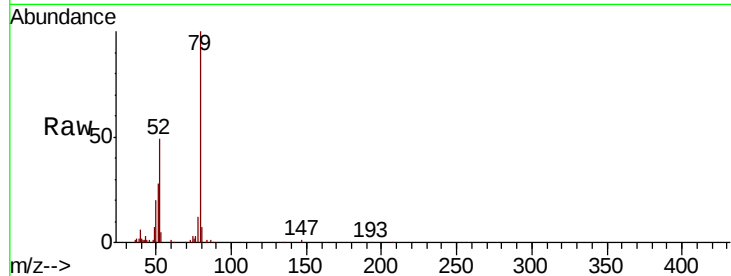
ClientSampleId :

CHASSIE-WASHMSD

Tot Ion:	79	Resp:	88730
Ion Ratio	Lower	Upper	
79	100		
52	48.7	39.8	59.6
51	28.4	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 41.080 ng

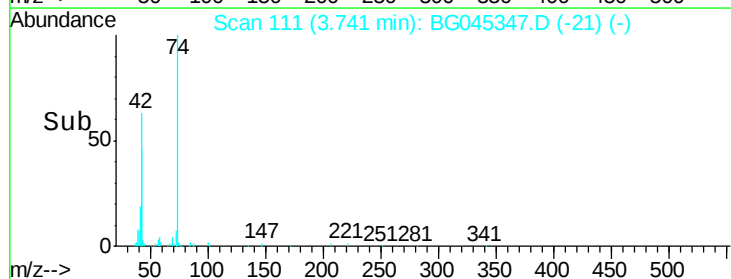
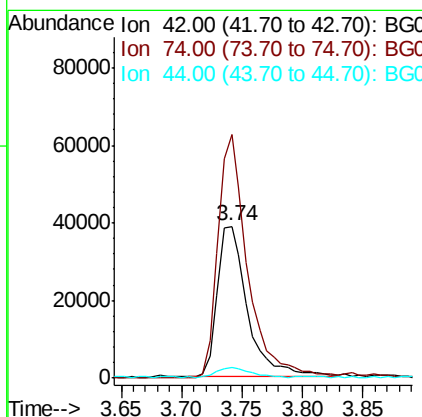
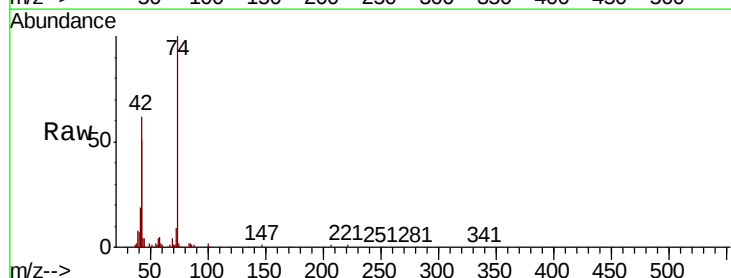
RT: 3.74 min Scan# 111

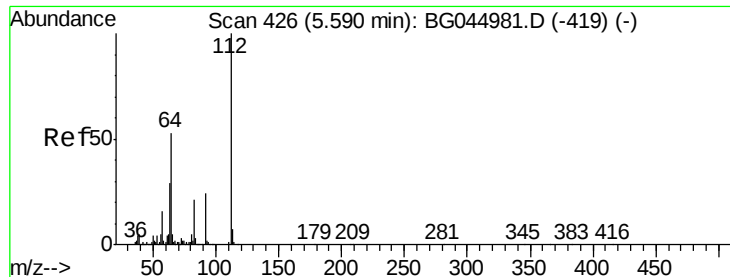
Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Tgt Ion:	42	Resp:	66839
Ion Ratio	Lower	Upper	
42	100		
74	160.7	143.0	214.6
44	6.9	4.6	6.8#





#5

2-Fluorophenol

Concen: 113.587 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Instrument :

BNA_G

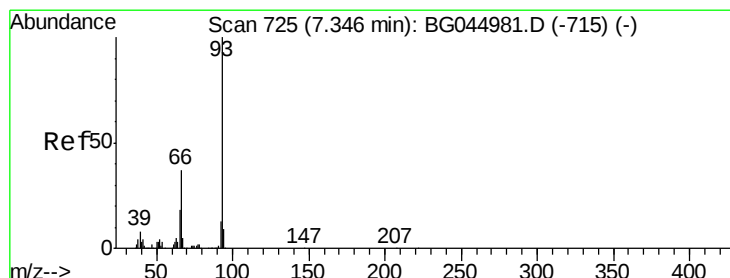
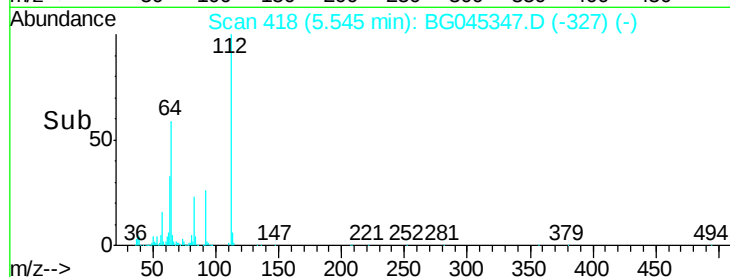
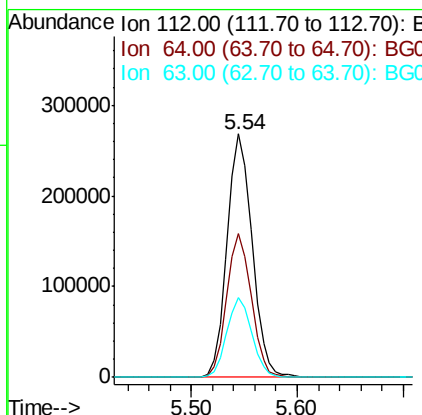
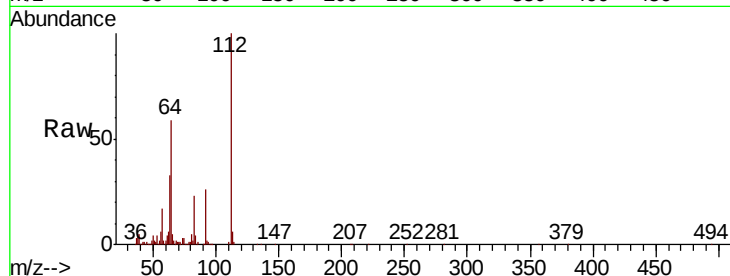
ClientSampleId :

CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	440890		
64	58.9	42.4	63.6	
63	32.6	23.1	34.7	

Manual Integrations
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#6

Aniline

Concen: 22.016 ng

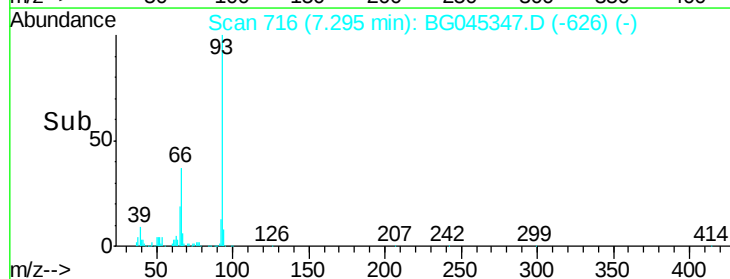
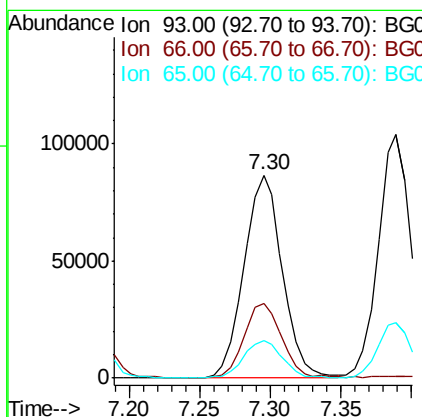
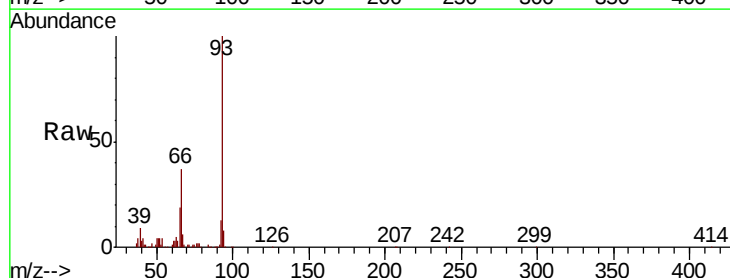
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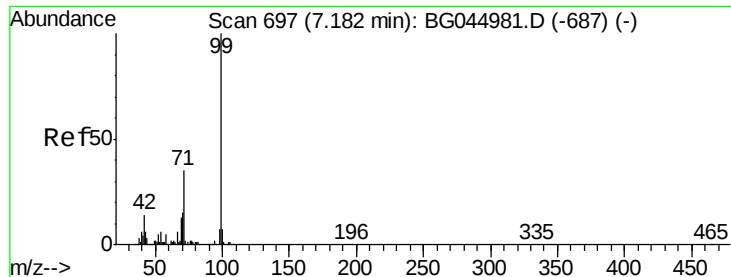
Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	165082		
66	37.1	29.8	44.8	
65	18.7	14.6	22.0	





#7

Phenol-d6

Concen: 102.071 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Instrument :

BNA_G

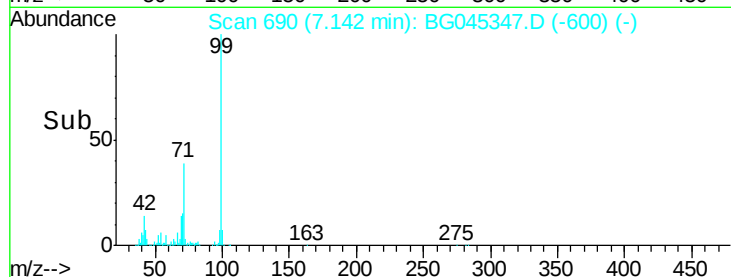
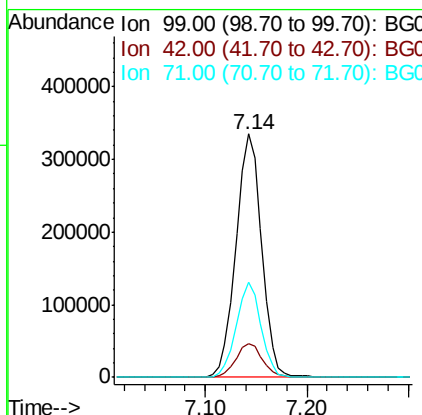
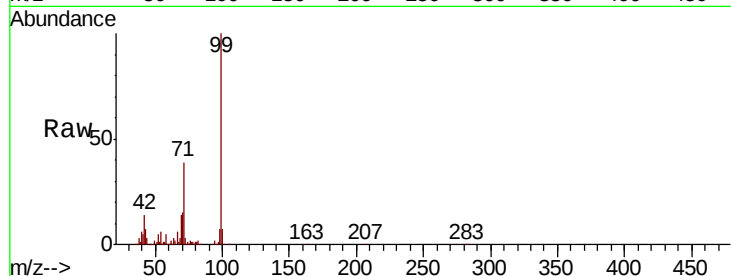
ClientSampleId :

CHASSIE-WASHMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		588641		
42	14.1	11.3	16.9		
71	38.8	28.3	42.5		

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#8

2-Chlorophenol

Concen: 42.047 ng

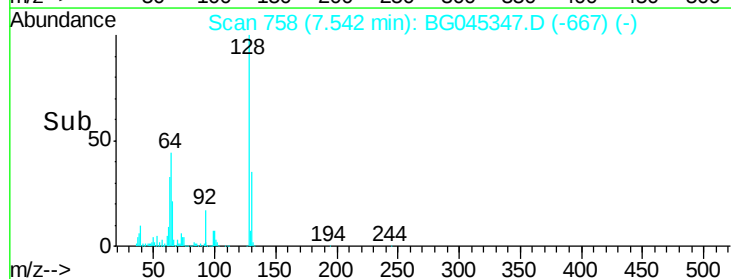
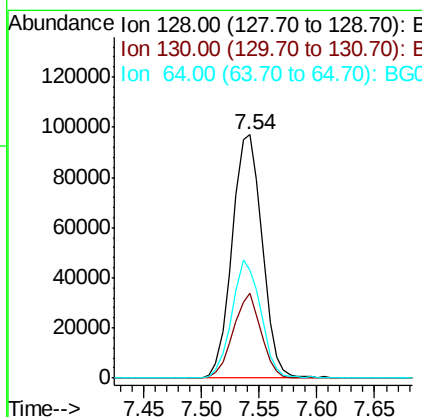
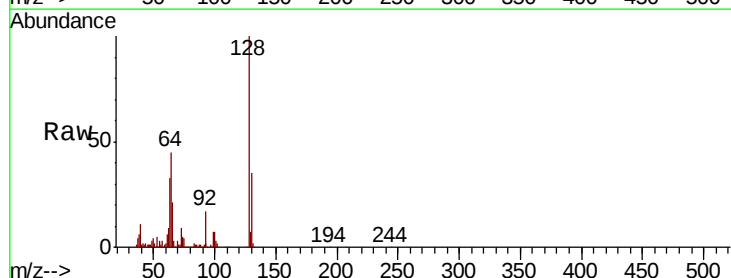
RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		175405		
130	34.8	12.3	52.3		
64	44.6	24.4	64.4		





#9

Benzaldehyde

Concen: 35.002 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Instrument :

BNA_G

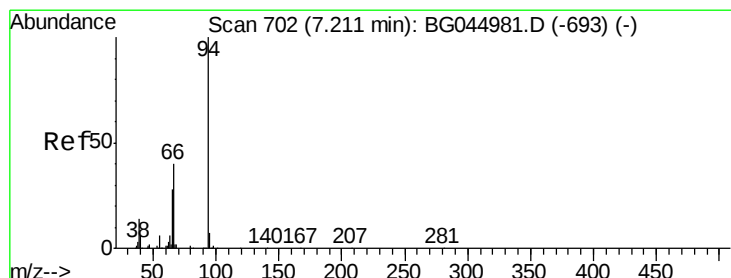
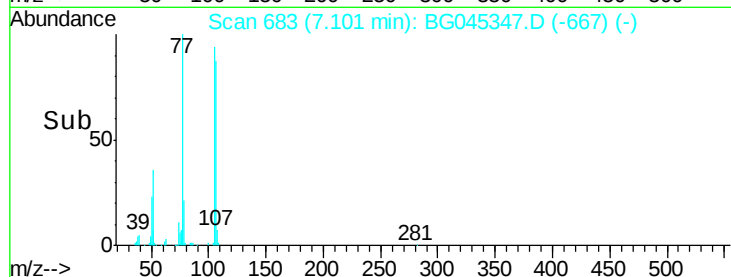
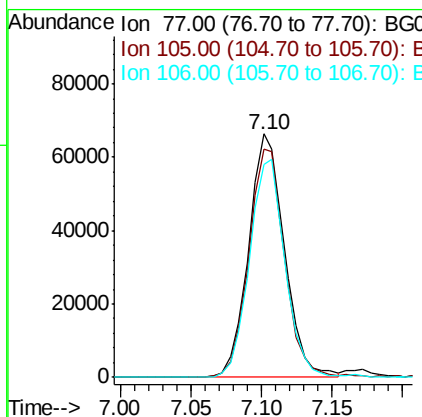
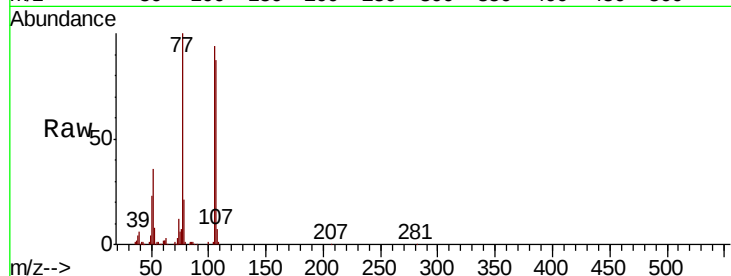
ClientSampleId :

CHASSIE-WASHMSD

Tot Ion:	77	Resp:	118179
Ion	Ratio	Lower	Upper
77	100		
105	93.7	72.9	112.9
106	87.4	67.6	107.6

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#10

Phenol

Concen: 36.724 ng

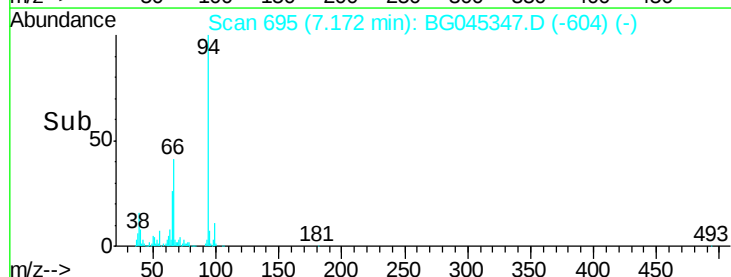
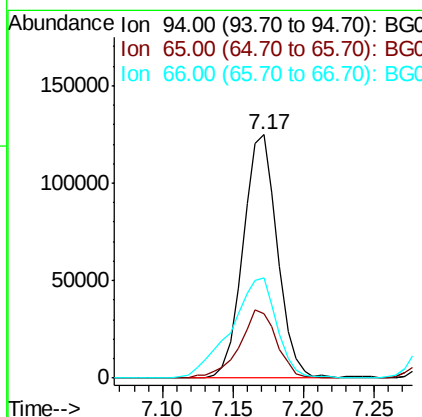
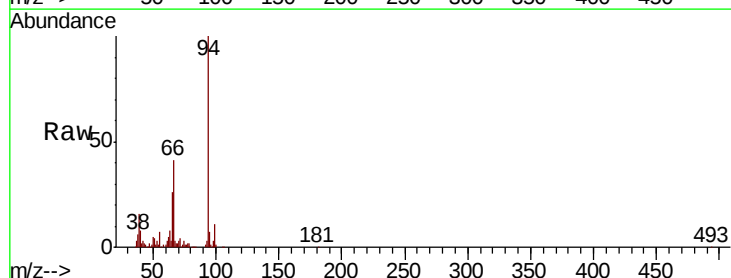
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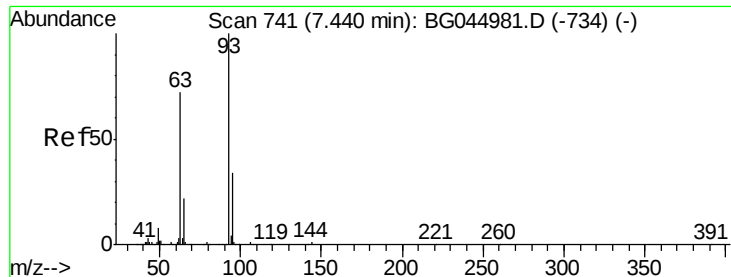
Delta R.T. 0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Tgt Ion:	94	Resp:	211930
Ion	Ratio	Lower	Upper
94	100		
65	26.3	8.2	48.2
66	40.9	20.4	60.4





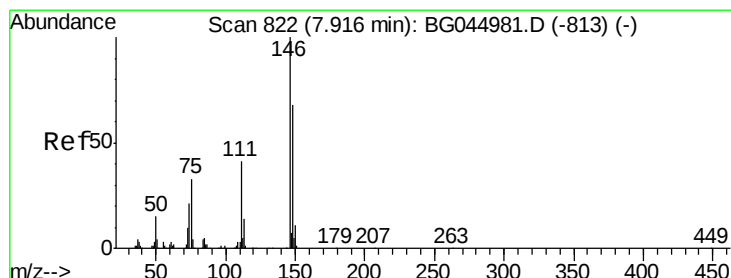
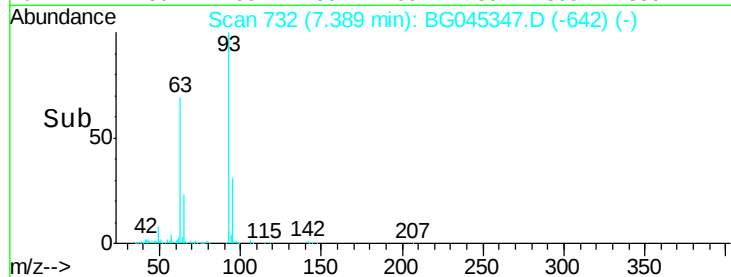
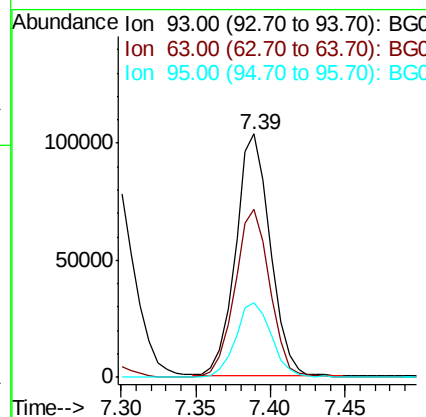
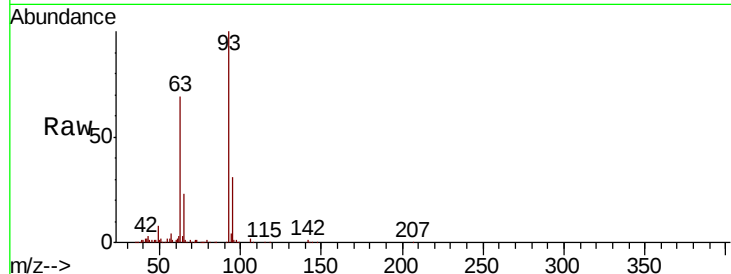
#11
bis(2-Chloroethyl)ether
Concen: 36.318 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	166869		
63	69.3		51.8	91.8
95	30.6		13.8	53.8

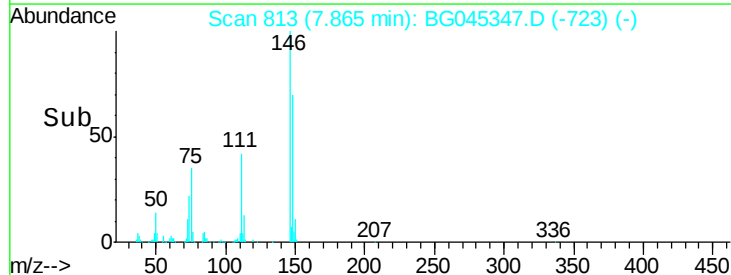
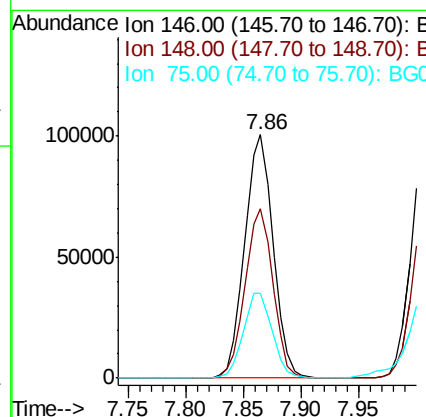
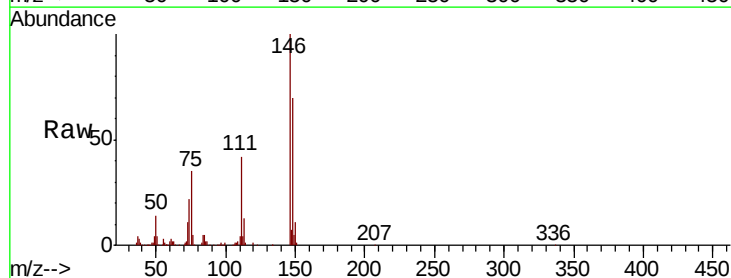
Manual Integrations
APPROVED

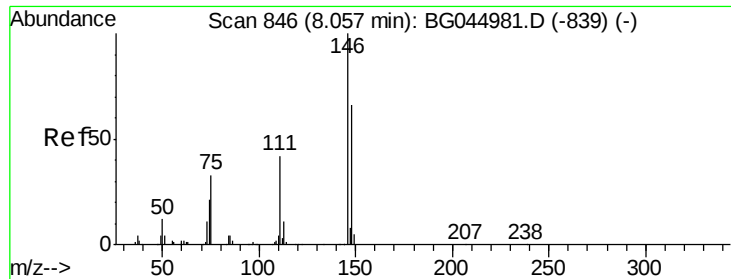
mohammad
5/14/2020 11:54:03 AM



#12
1,3-Dichlorobenzene
Concen: 35.074 ng
RT: 7.86 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172413		
148	69.6		54.6	81.8
75	34.8		26.0	39.0





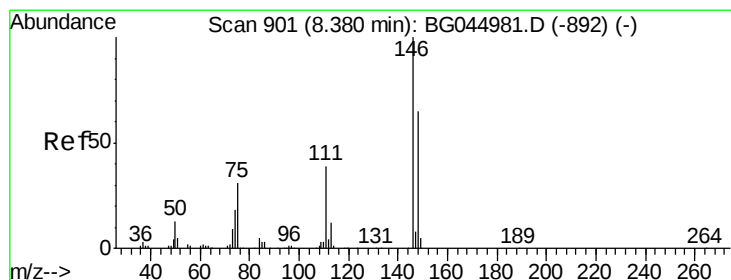
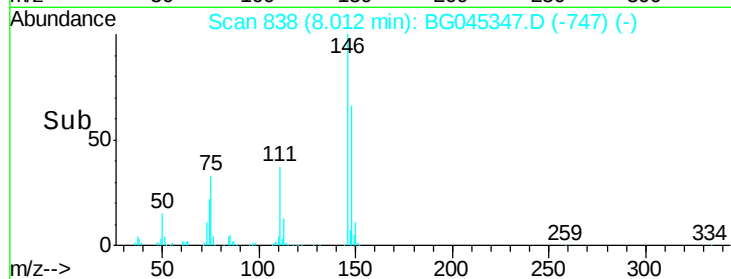
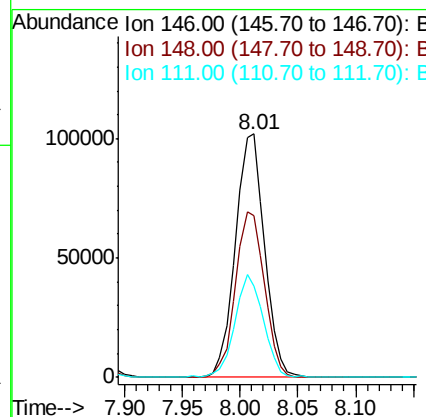
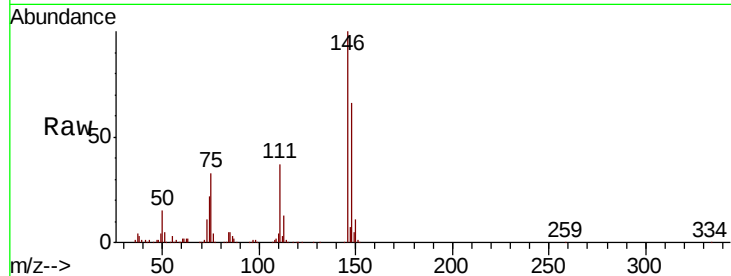
#13
 1,4-Dichlorobenzene
 Concen: 36.471 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	53.3	79.9
111	37.3	33.8	50.8

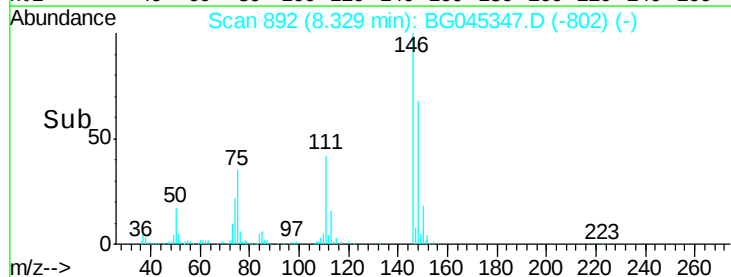
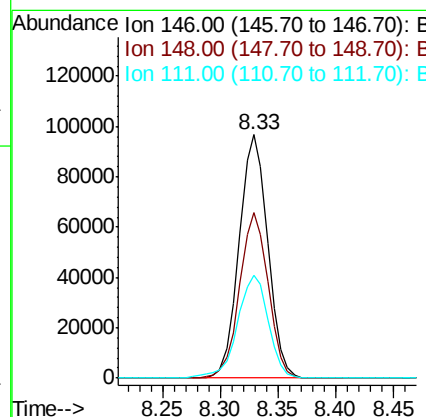
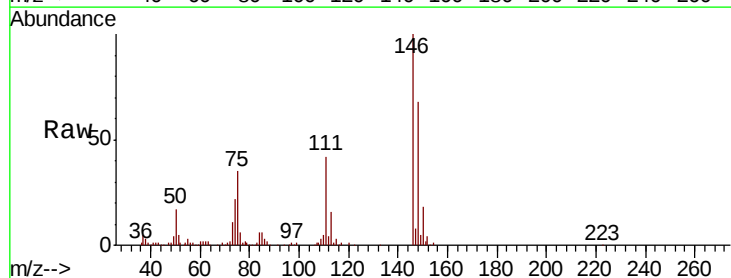
Manual Integrations
 APPROVED

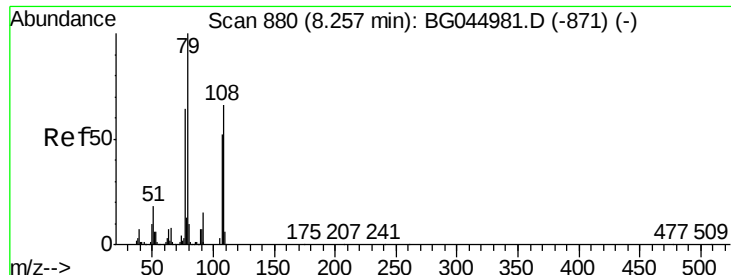
mohammad
 5/14/2020 11:54:03 AM



#14
 1,2-Dichlorobenzene
 Concen: 35.403 ng
 RT: 8.33 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	51.9	77.9
111	42.4	31.3	46.9





#15

Benzyl Alcohol

Concen: 38.446 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Instrument :

BNA_G

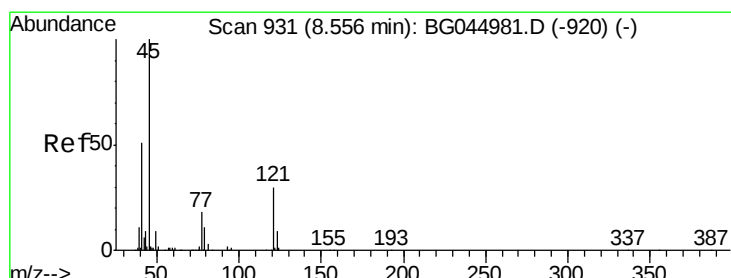
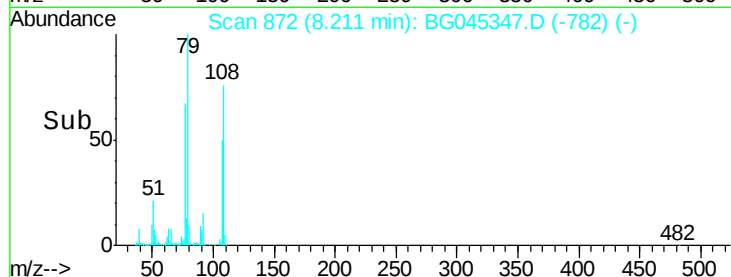
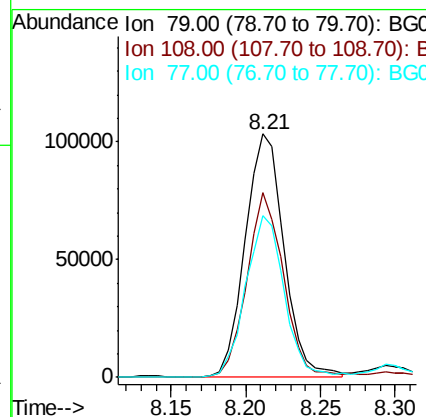
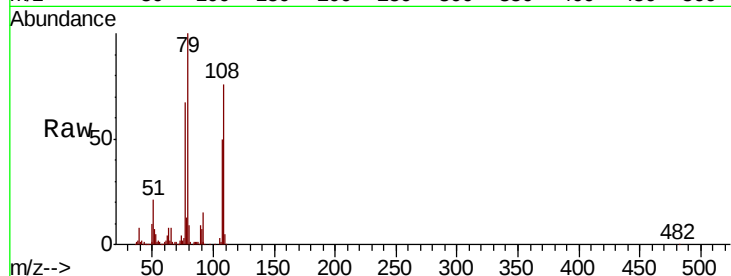
ClientSampleId :

CHASSIE-WASHMSD

Tot Ion:	79	Resp:	185893
Ion Ratio	Lower	Upper	
79	100		
108	76.0	52.7	79.1
77	66.7	51.3	76.9

Manual Integrations
APPROVED

mohammad
5/14/2020 11:54:03 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.288 ng

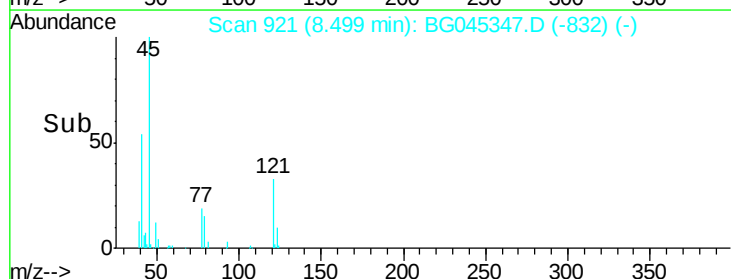
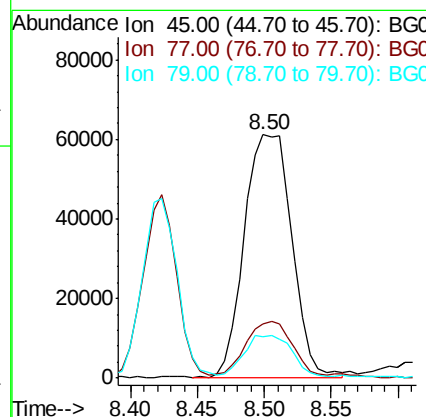
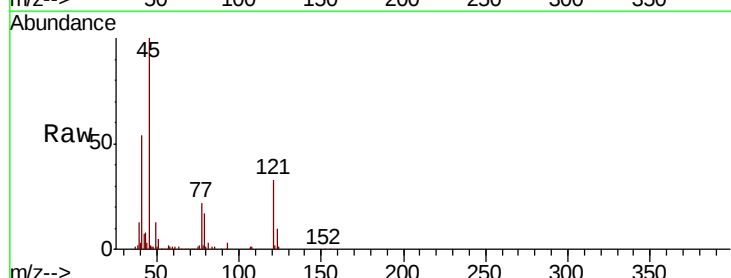
RT: 8.50 min Scan# 921

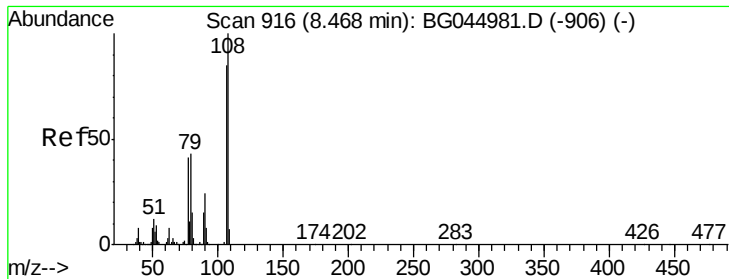
Delta R.T. -0.01 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Tgt Ion:	45	Resp:	150135
Ion Ratio	Lower	Upper	
45	100		
77	22.1	1.9	41.9
79	17.0	0.0	35.5





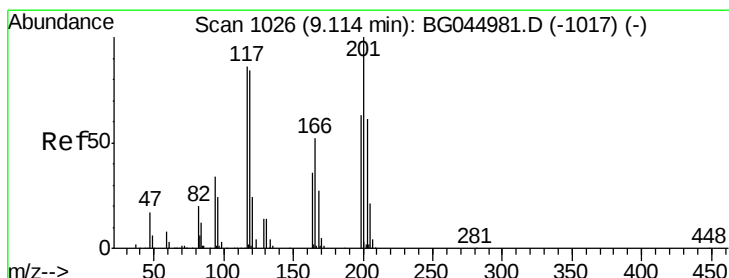
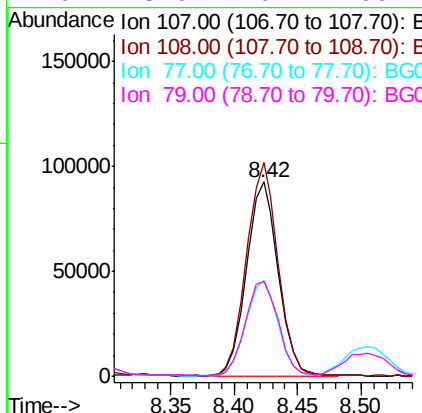
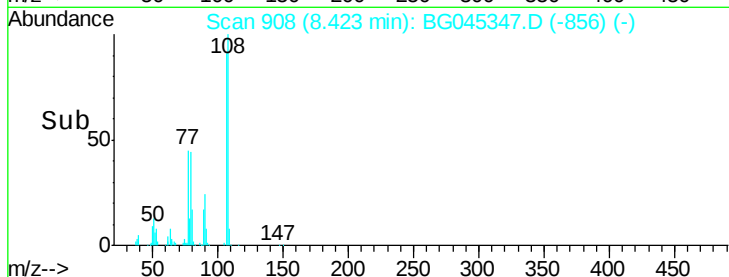
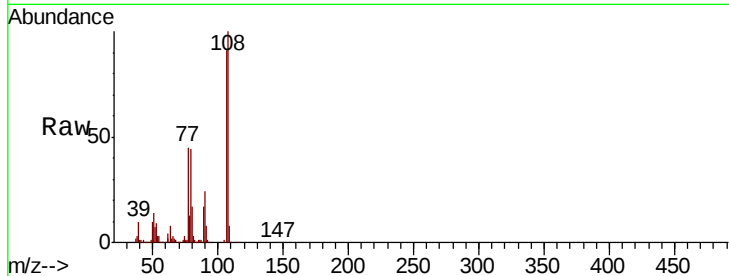
#17
2-Methylphenol
Concen: 36.041 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	93.8	140.6	
77	49.8	38.5	57.7	
79	48.9	40.1	60.1	

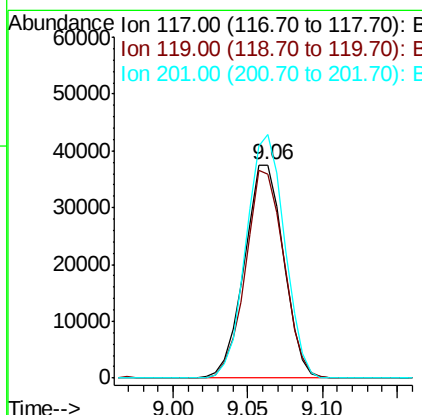
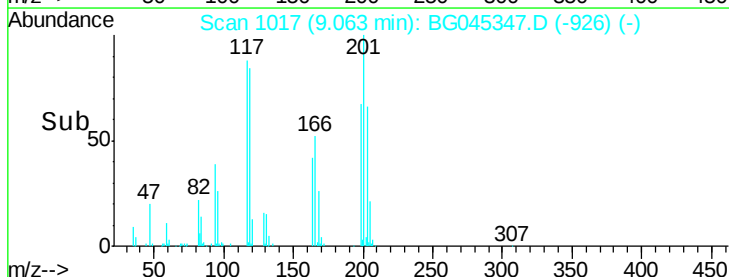
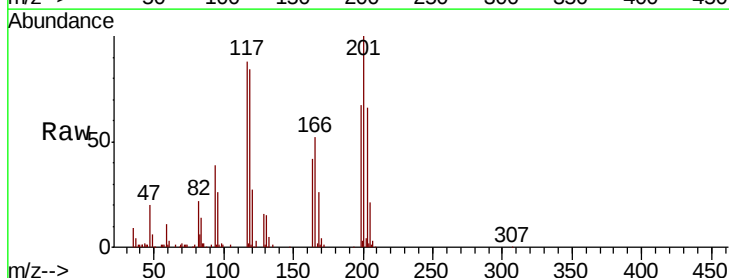
Manual Integrations
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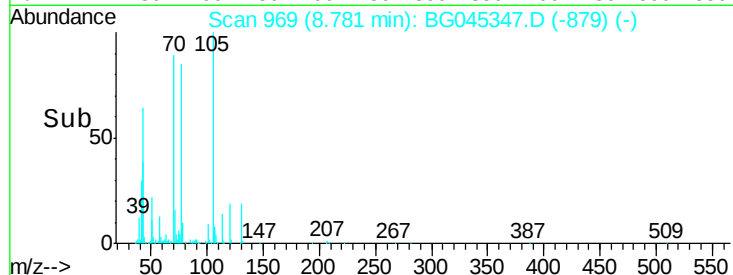
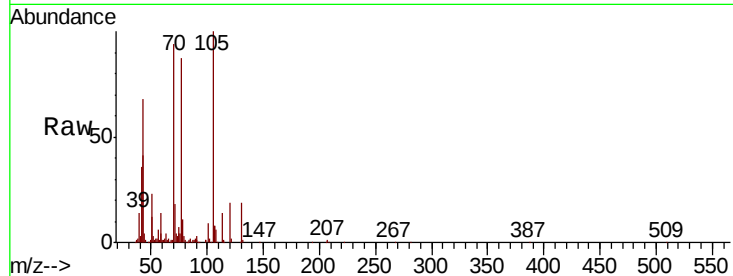
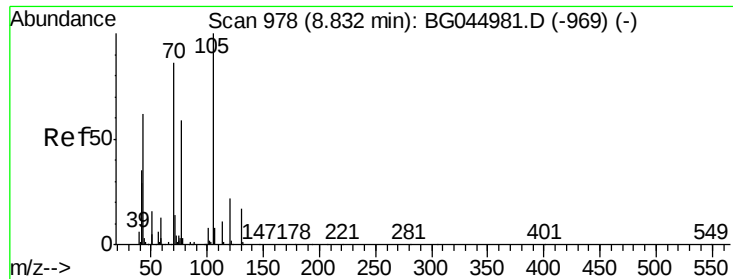
mohammad
5/14/2020 11:54:03 AM



#18
Hexachloroethane
Concen: 37.061 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	78.3	117.5	
201	114.3	92.9	139.3	





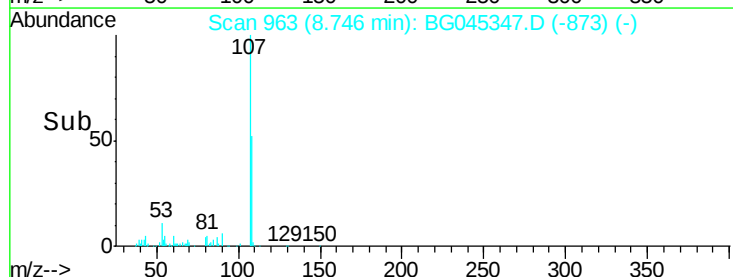
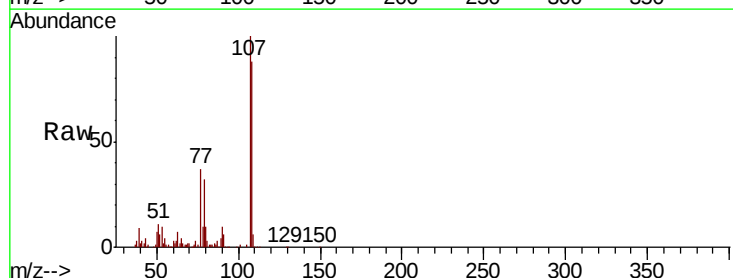
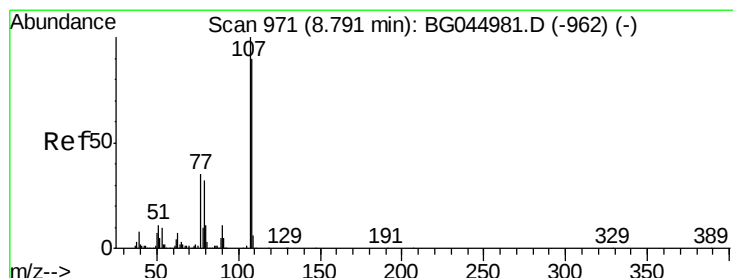
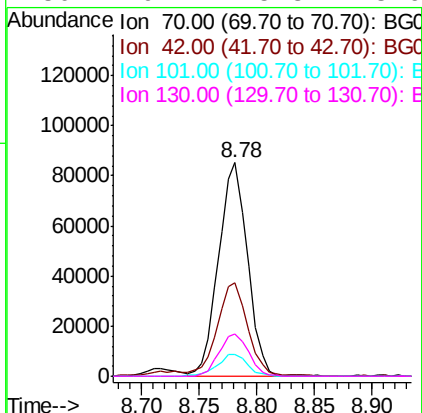
#19
n-Nitroso-di-n-propylamine
Concen: 36.419 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.8	33.3	49.9	
101	10.0	7.8	11.8	
130	20.1	15.8	23.6	

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

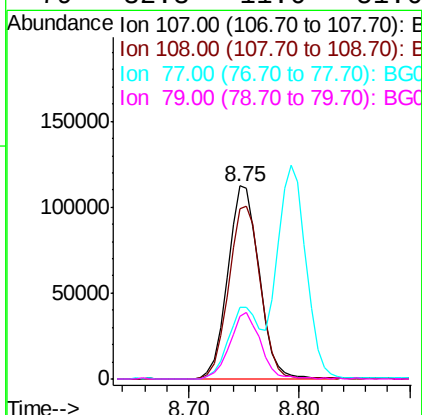
Manual Integrations
APPROVED

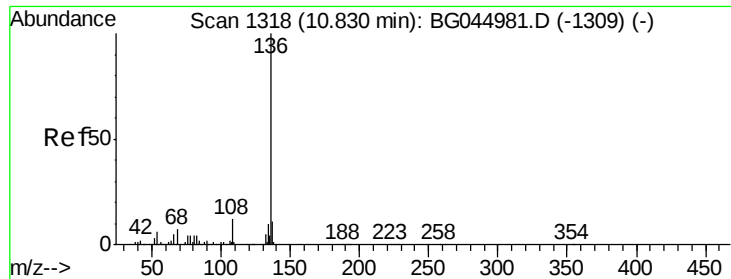
mohammad
5/14/2020 11:54:03 AM



#20
3+4-Methylphenols
Concen: 36.098 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	69.9	109.9	
77	37.0	15.2	55.2	
79	32.3	11.6	51.6	





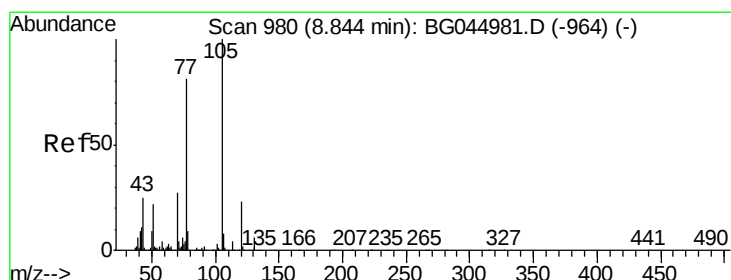
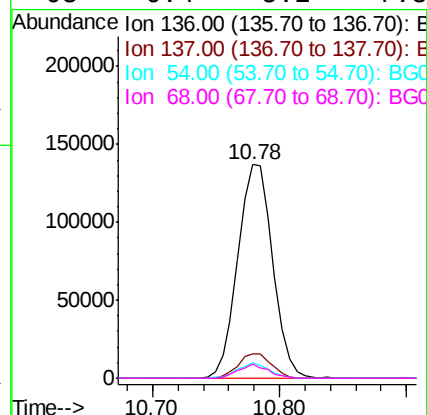
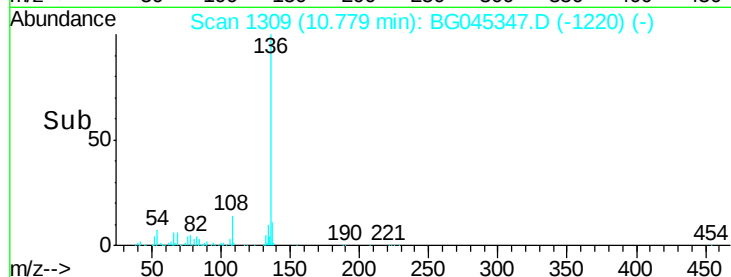
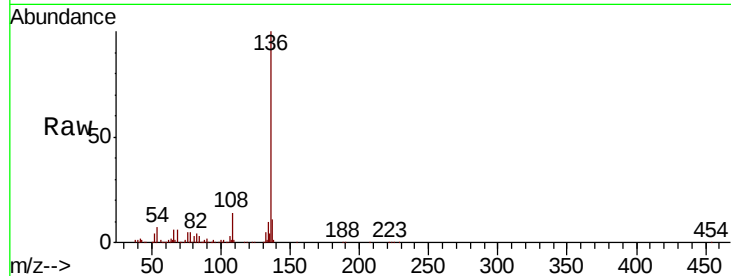
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	260228		
137	11.3		8.6	13.0
54	6.9		4.8	7.2
68	6.4		5.2	7.8

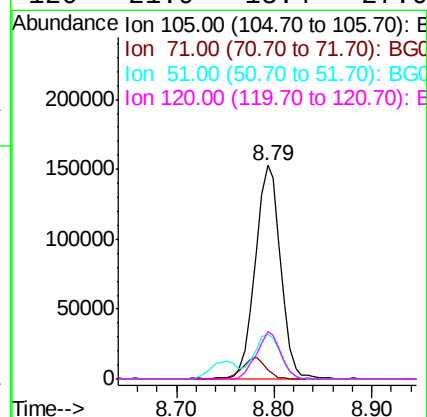
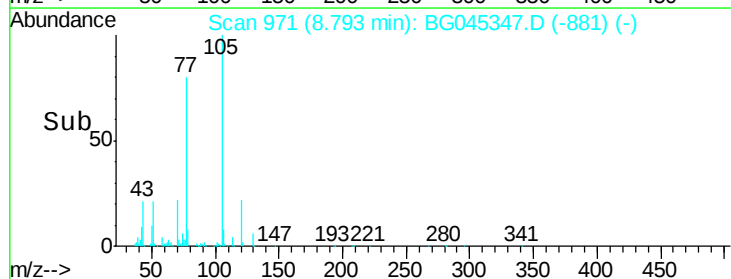
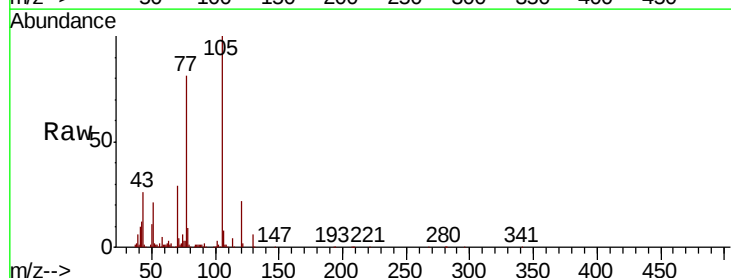
Manual Integrations
APPROVED

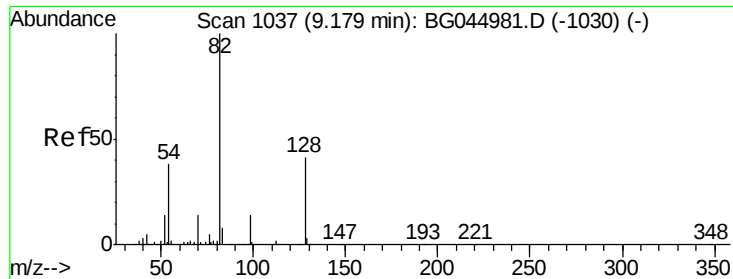
mohammad
5/14/2020 11:54:03 AM



#22
Acetophenone
Concen: 39.733 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	279611		
71	4.1		3.3	4.9
51	21.2		17.3	25.9
120	21.9		18.4	27.6





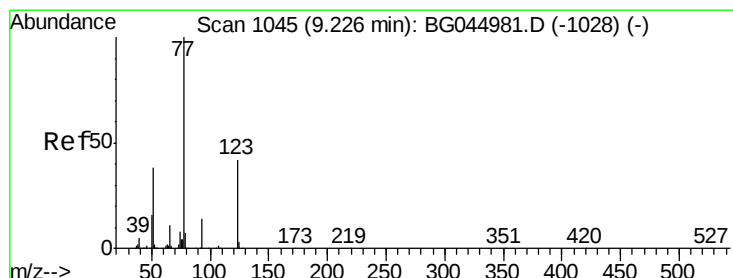
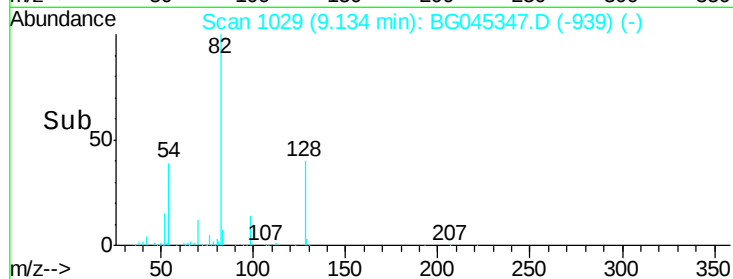
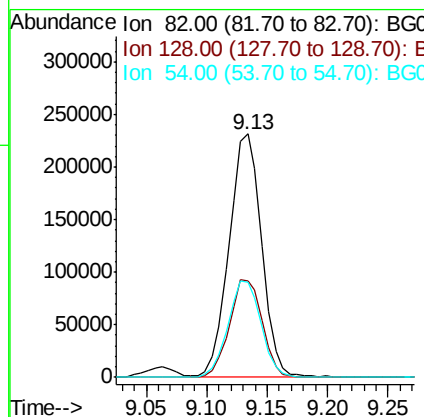
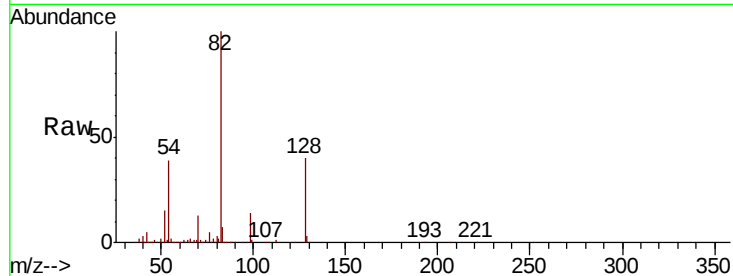
#23
Nitrobenzene-d5
Concen: 75.577 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	82	Resp	431028
Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.0	49.4
54	39.2	30.4	45.6

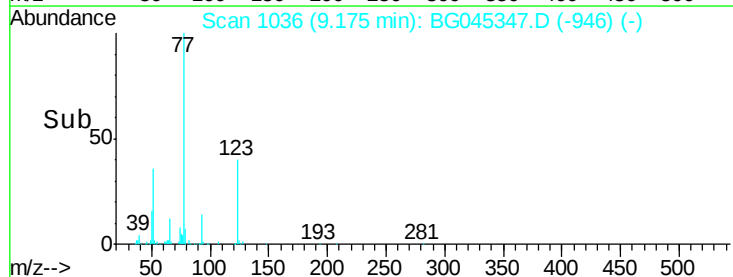
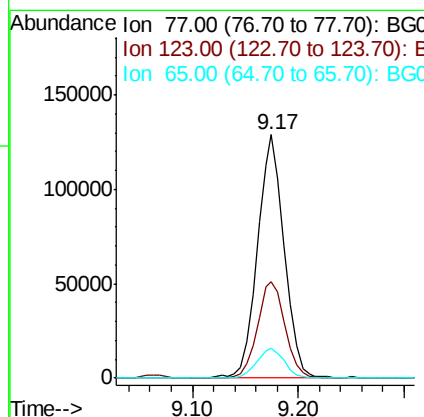
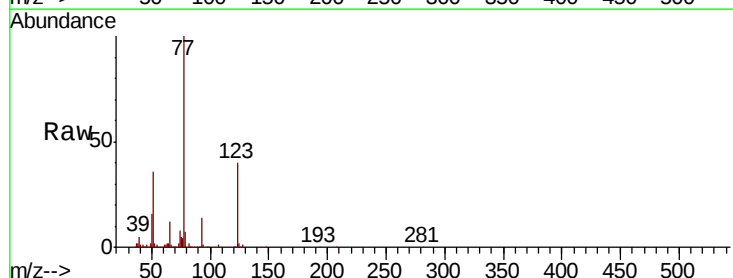
Manual Integrations
APPROVED

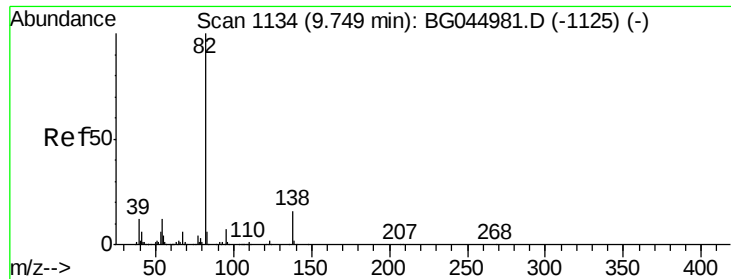
mohammad
5/14/2020 11:54:03 AM



#24
Nitrobenzene
Concen: 38.543 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	77	Resp	225321
Ion	Ratio	Lower	Upper
77	100		
123	39.8	34.3	51.5
65	12.3	8.9	13.3





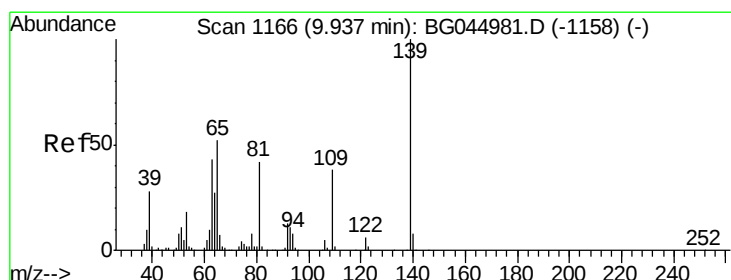
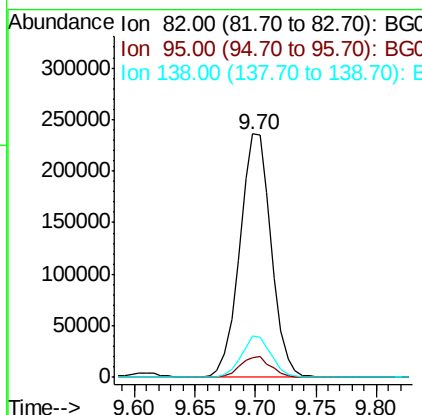
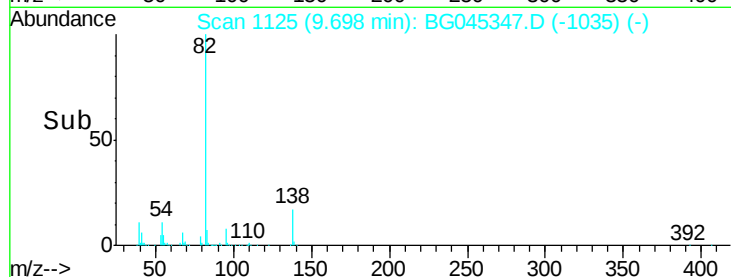
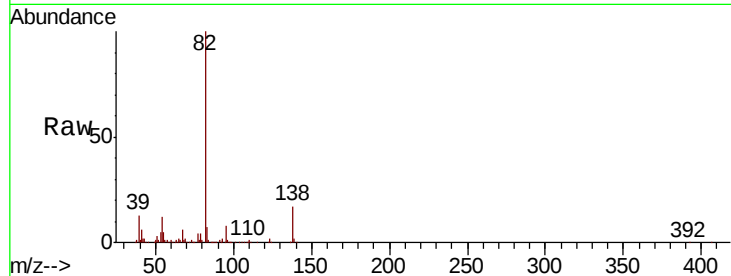
#25
Isophorone
Concen: 36.482 ng
RT: 9.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.0	6.0	9.0	
138	16.7	12.7	19.1	

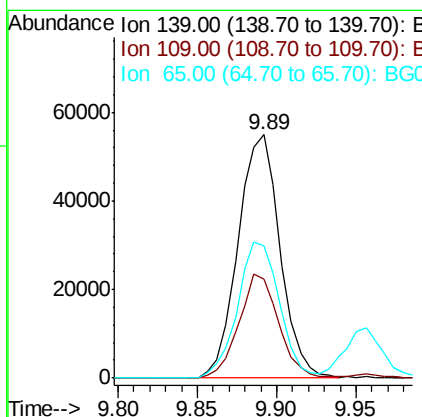
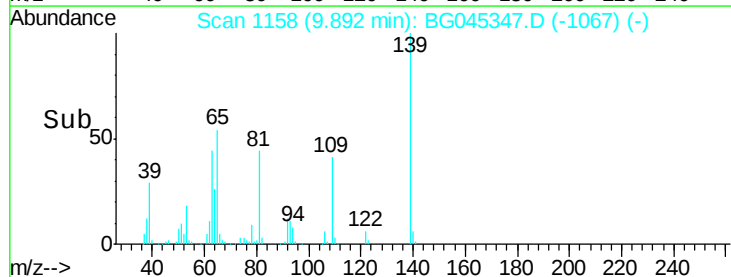
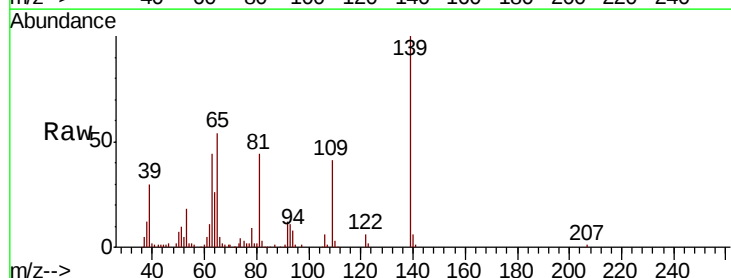
Manual Integrations
APPROVED

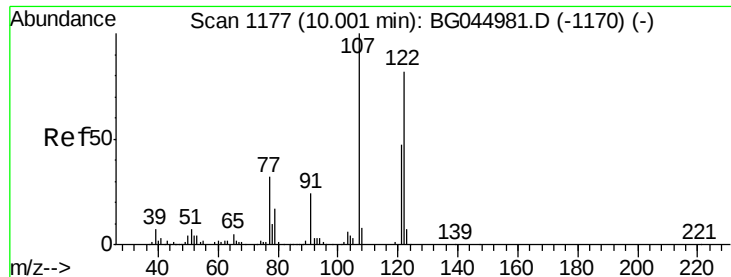
mohammad
5/14/2020 11:54:03 AM



#26
2-Nitrophenol
Concen: 40.081 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	40.8	30.6	45.8	
65	54.1	41.8	62.6	





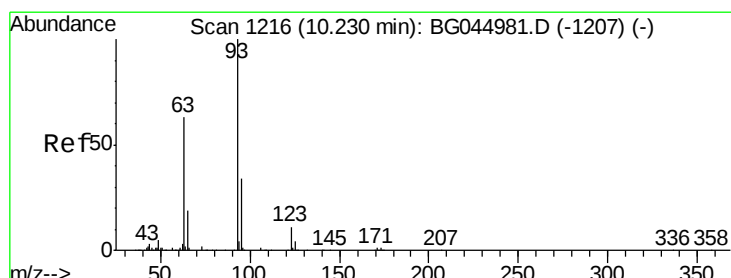
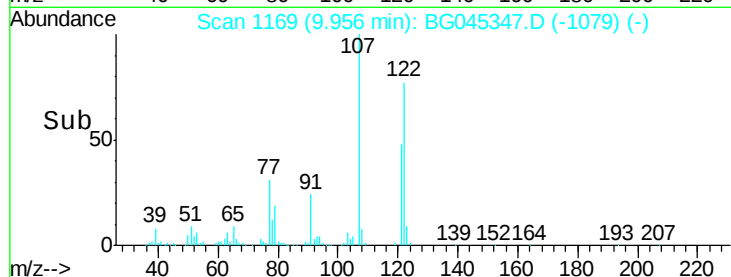
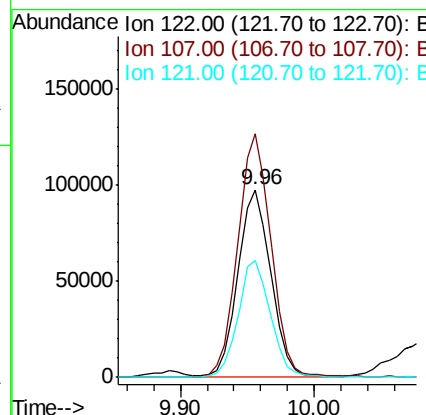
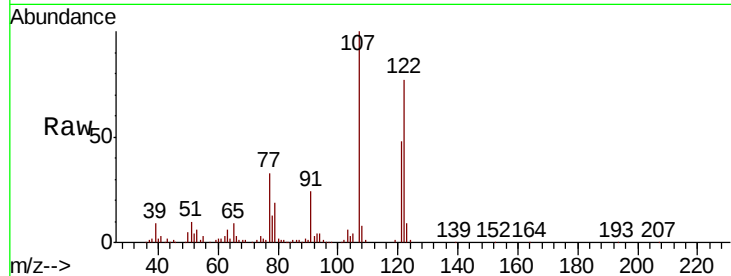
#27
 2,4-Dimethylphenol
 Concen: 41.471 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	165698		
107	129.8	96.8	145.2	
121	62.3	45.6	68.4	

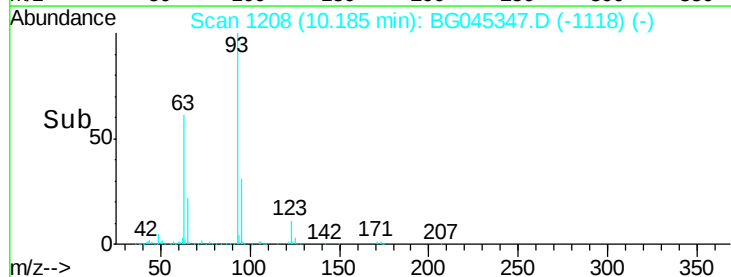
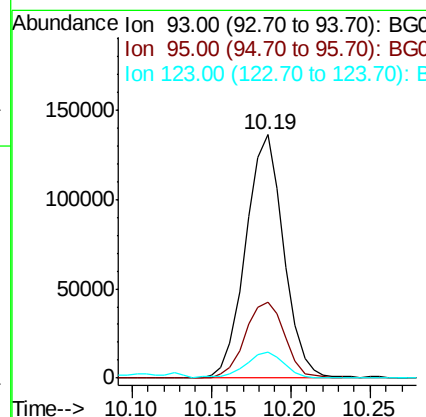
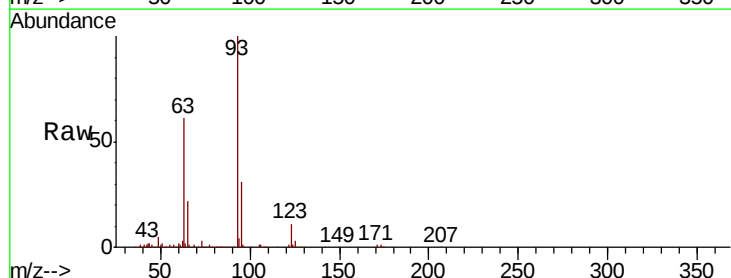
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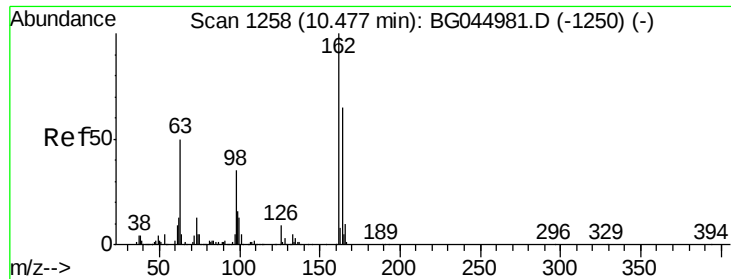
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.726 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	225368		
95	31.2	27.0	40.4	
123	10.9	8.7	13.1	





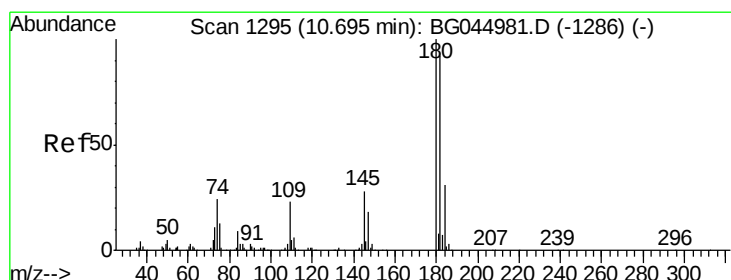
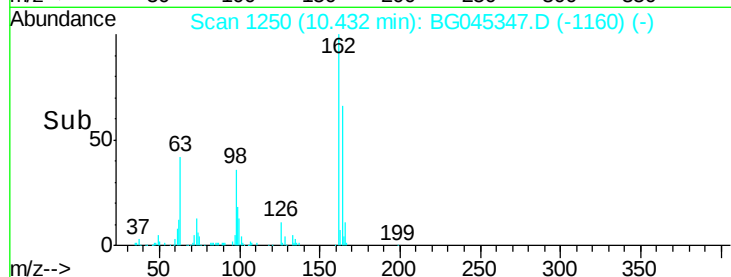
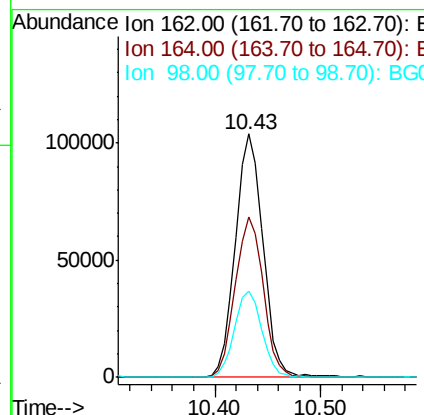
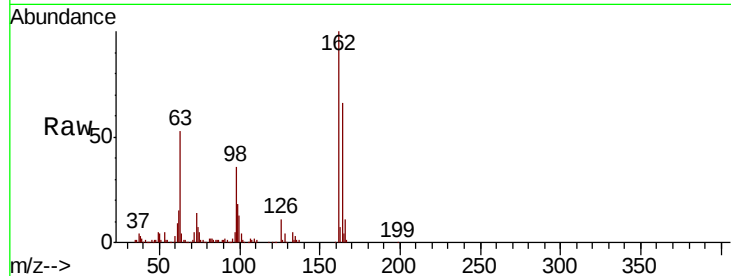
#29
 2,4-Dichlorophenol
 Concen: 40.694 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	187746		
164	65.9	45.0	85.0	
98	35.6	15.2	55.2	

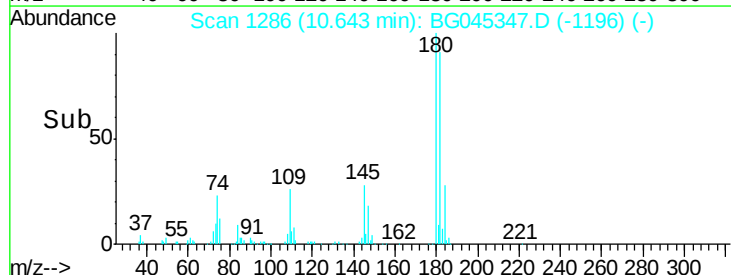
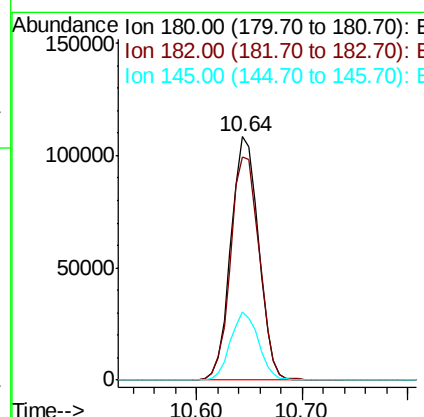
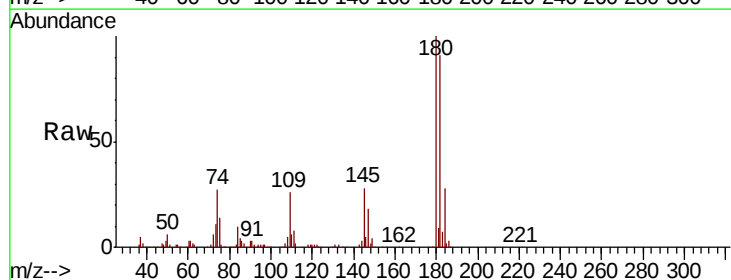
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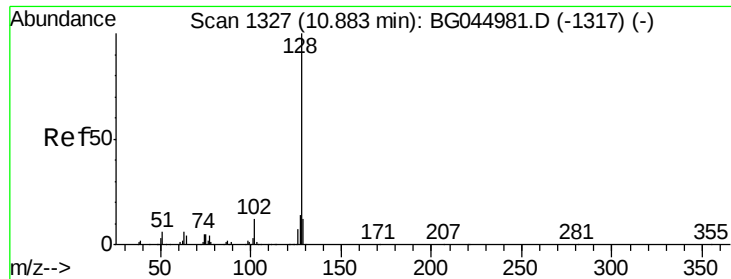
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.611 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196465		
182	91.5	73.3	109.9	
145	27.8	22.6	33.8	





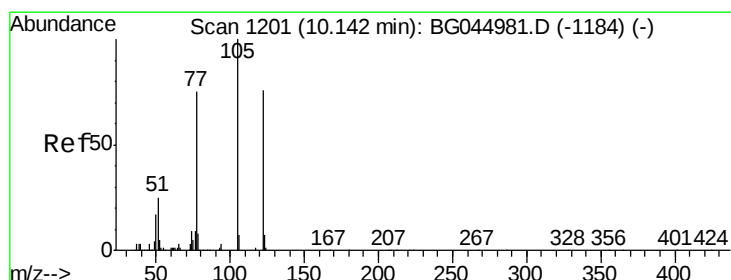
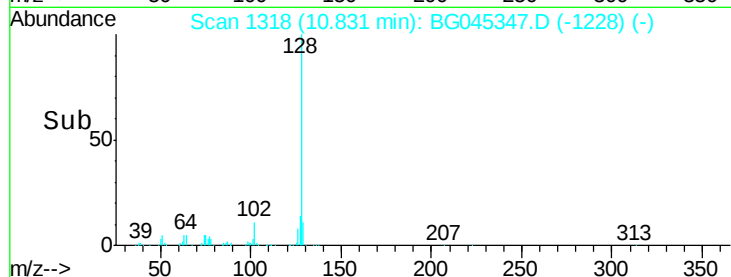
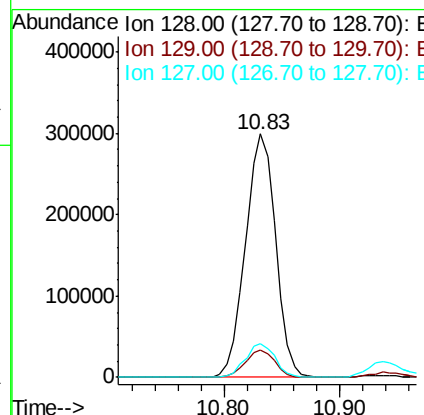
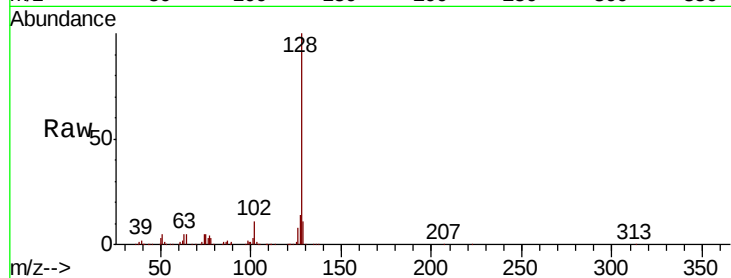
#31
Naphthalene
Concen: 38.256 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

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

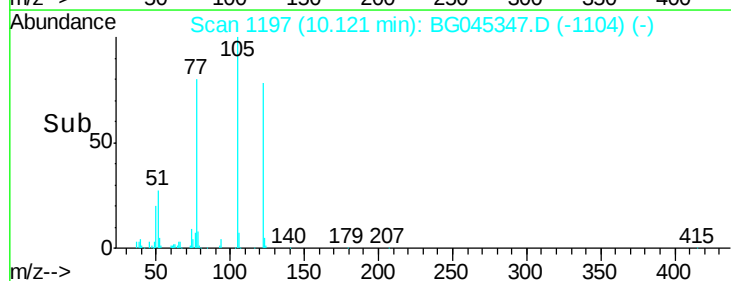
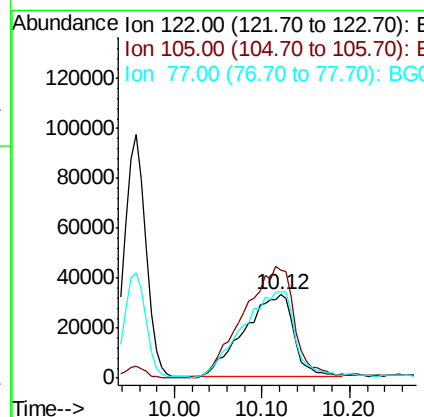
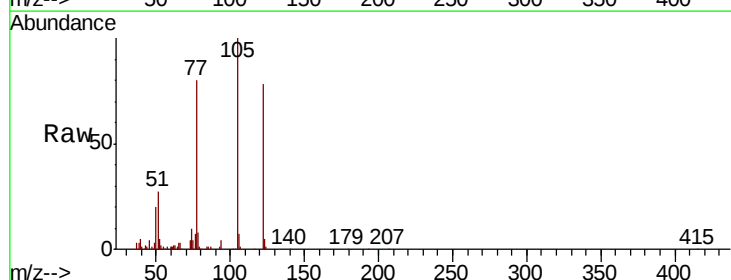
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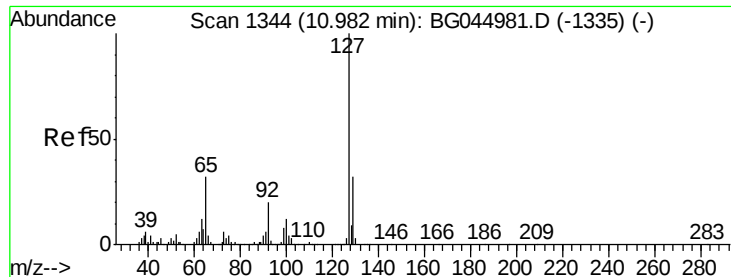
mohammad
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#32
Benzoic acid
Concen: 41.151 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	108.4	148.4
77	103.0	78.8	118.8





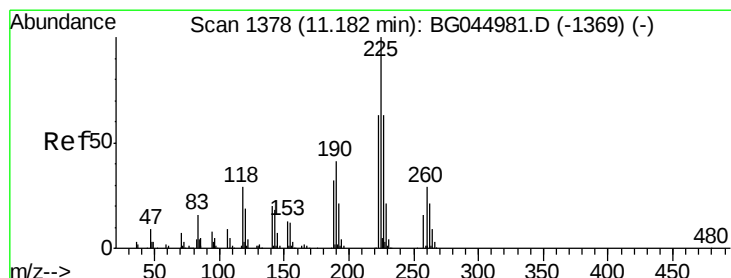
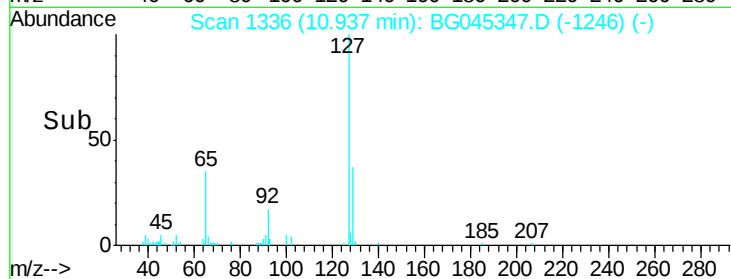
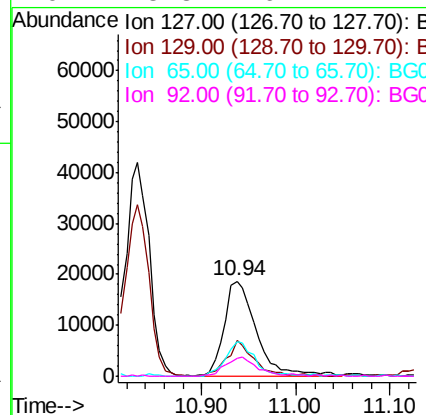
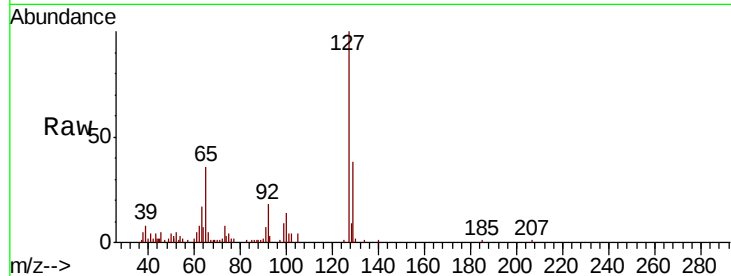
#33
4-Chloroaniline
Concen: 6.717 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		44592		
129	37.9	25.7	38.5		
65	36.0	25.4	38.2		
92	18.3	16.1	24.1		

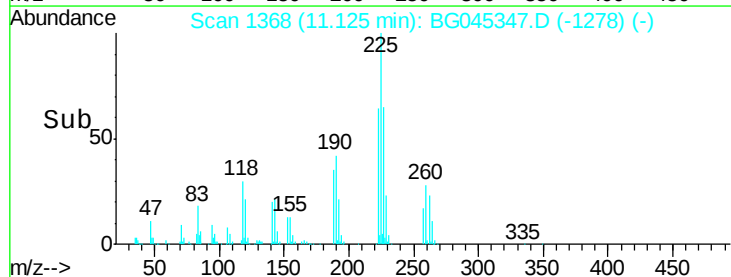
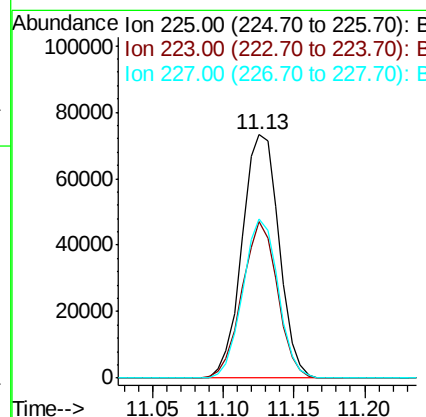
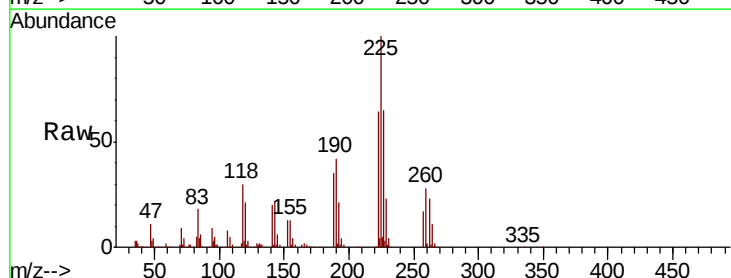
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#34
Hexachlorobutadiene
Concen: 37.400 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		133943		
223	64.4	50.7	76.1		
227	65.3	50.2	75.2		





#35

Caprolactam

Concen: 32.161 ng

RT: 11.72 min Scan# 1470

Delta R.T. 0.02 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Instrument :

BNA_G

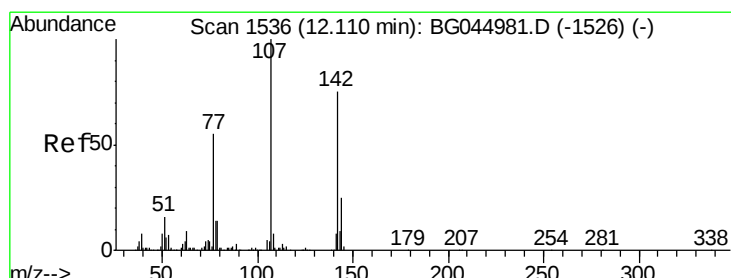
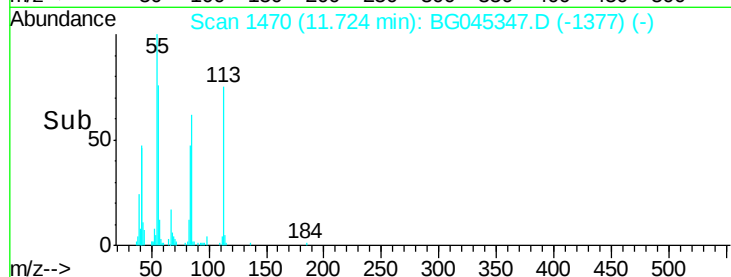
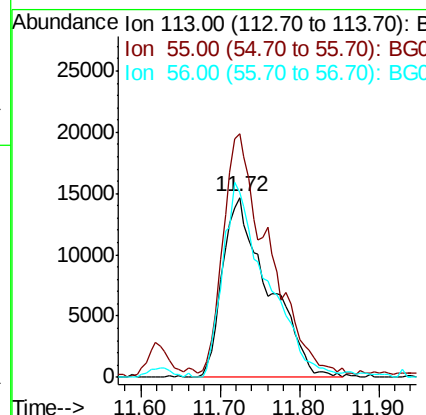
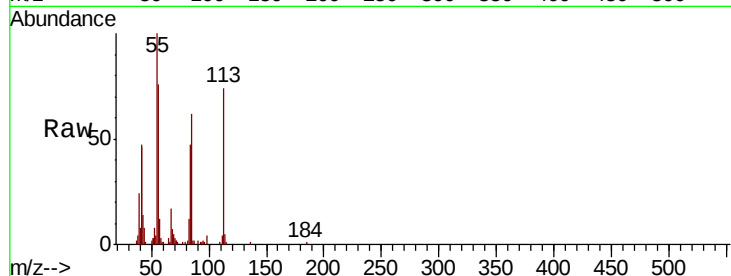
ClientSampleId :

CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.4	118.8	158.8
56	102.9	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 40.092 ng

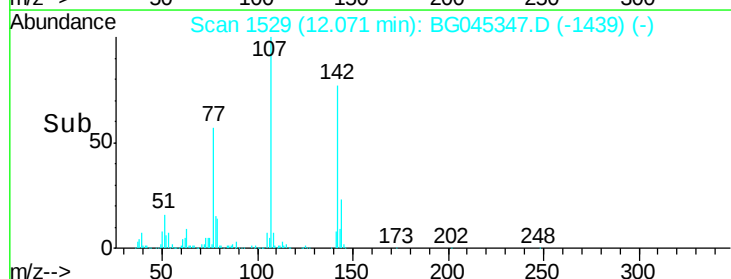
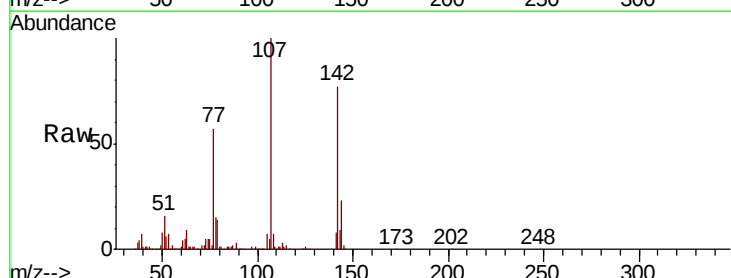
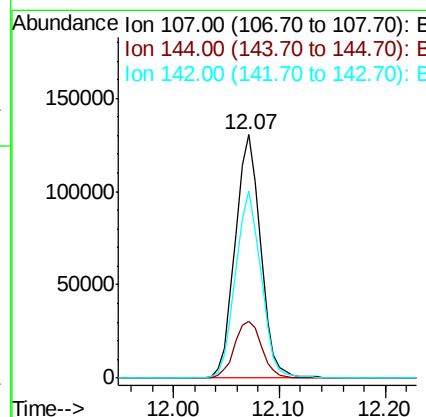
RT: 12.07 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	19.8	29.6
142	76.8	59.7	89.5





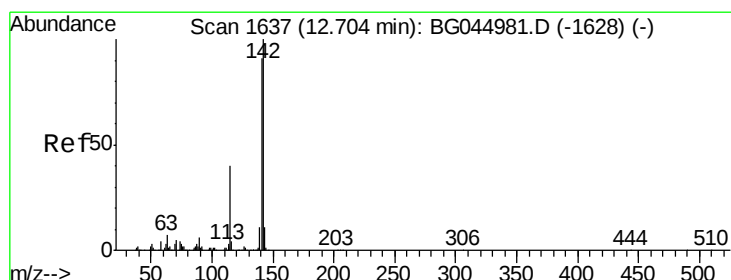
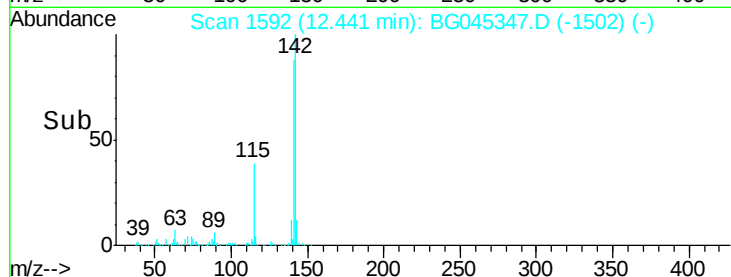
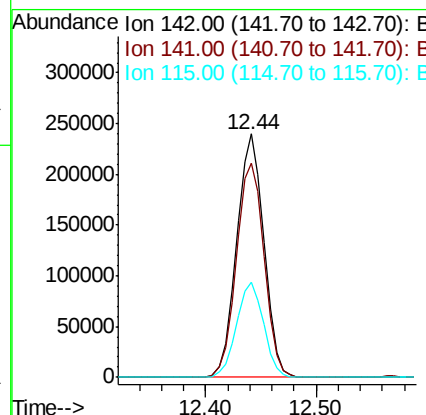
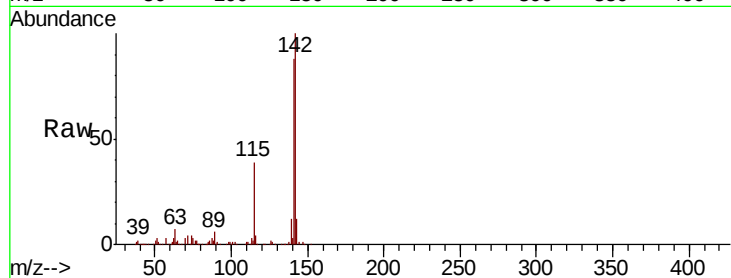
#37
2-Methylnaphthalene
Concen: 37.624 ng
RT: 12.44 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	39.2	29.8	44.6

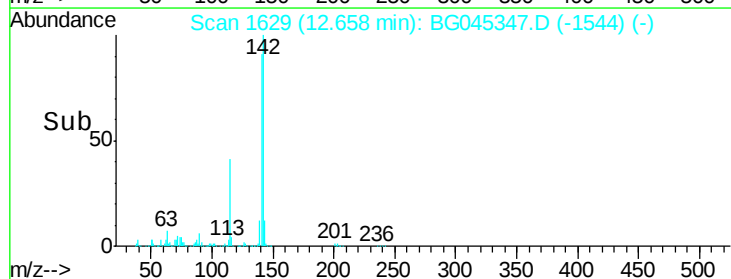
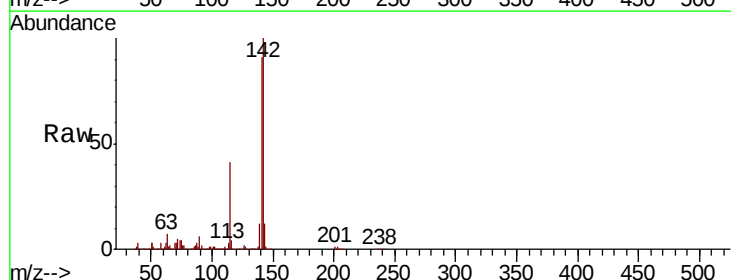
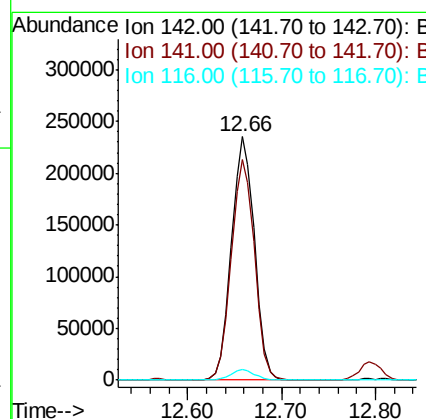
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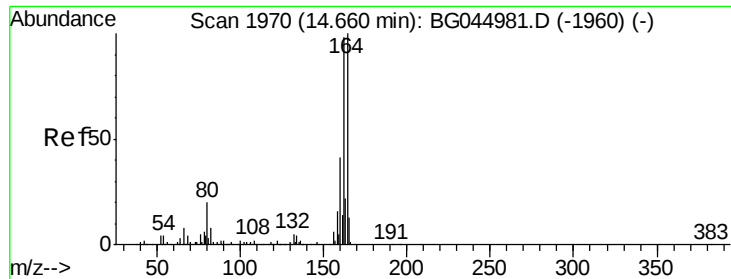
mohammad
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#38
1-Methylnaphthalene
Concen: 38.178 ng
RT: 12.66 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.7	109.1
116	4.4	3.1	4.7





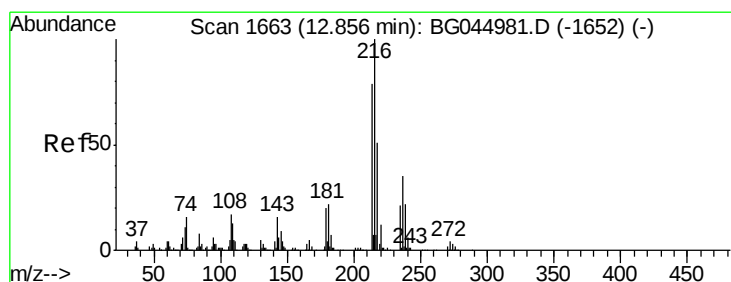
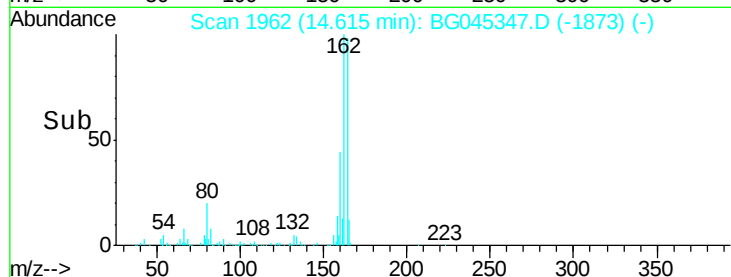
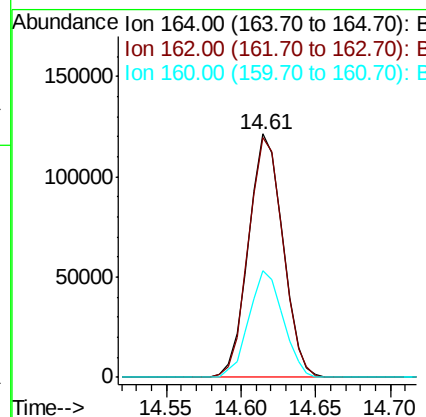
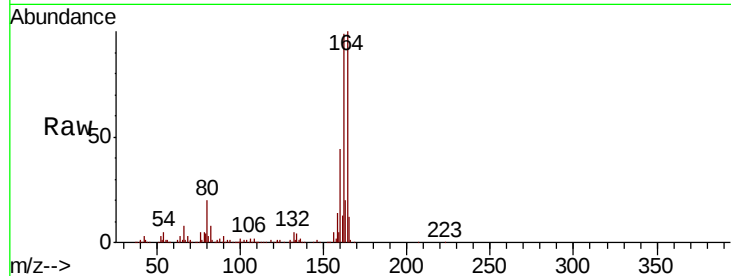
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.7	118.1
160	43.6	32.8	49.2

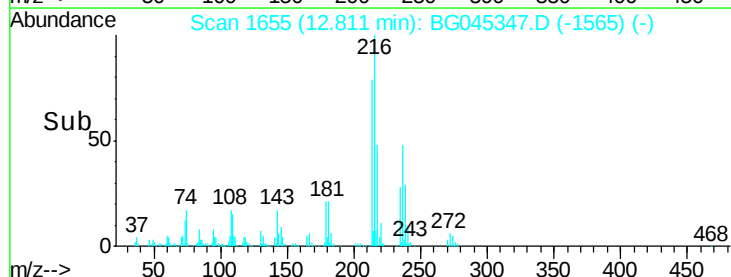
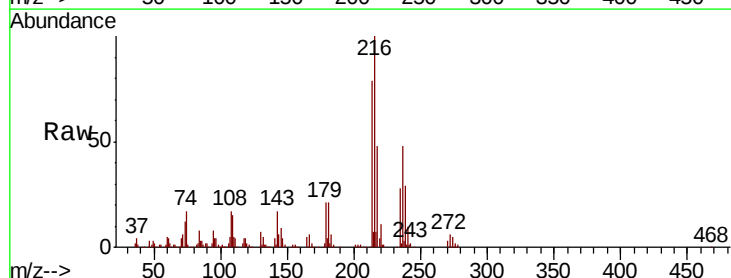
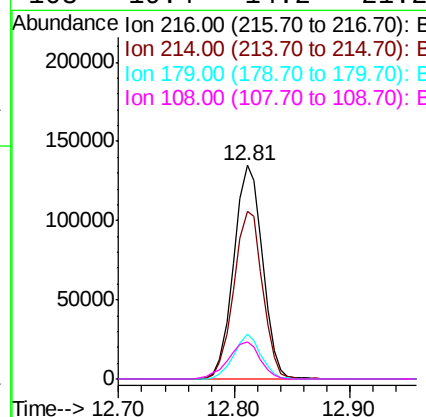
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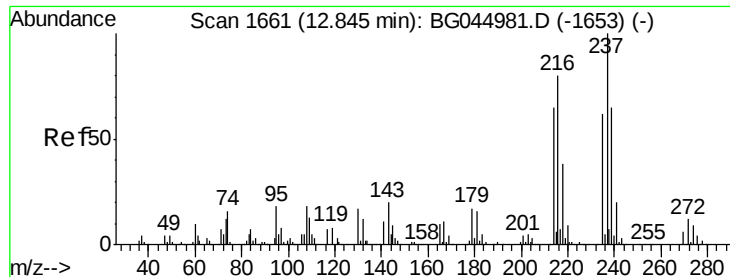
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.530 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.6
179	19.8	15.8	23.8
108	19.4	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 70.029 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Instrument :

BNA_G

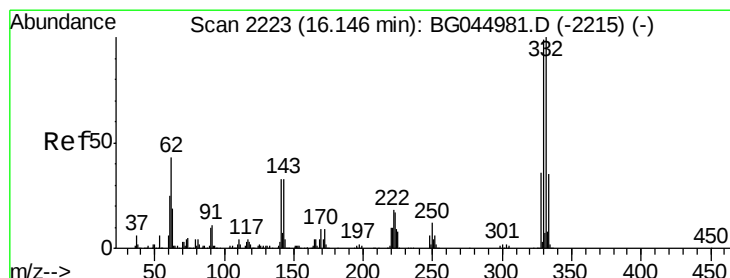
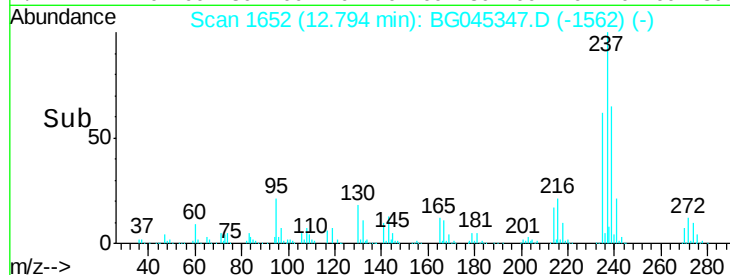
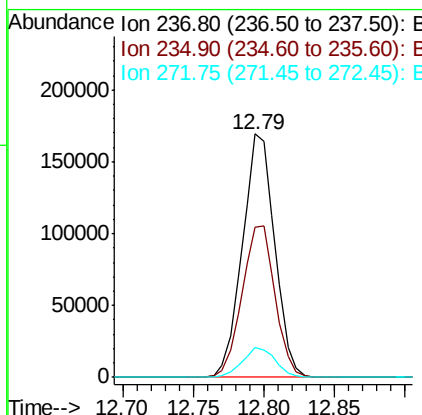
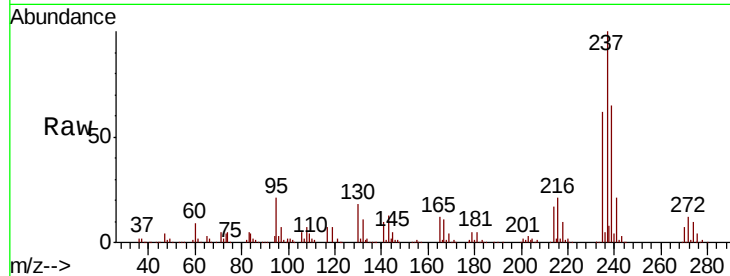
ClientSampleId :

CHASSIE-WASHMSD

Tot Ion:	237	Resp:	271243
Ion Ratio	Lower	Upper	
237	100		
235	61.9	41.6	81.6
272	12.1	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 113.259 ng

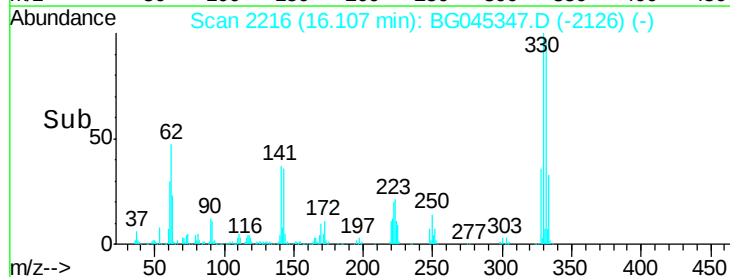
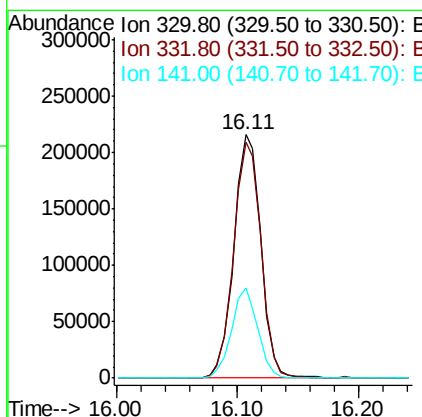
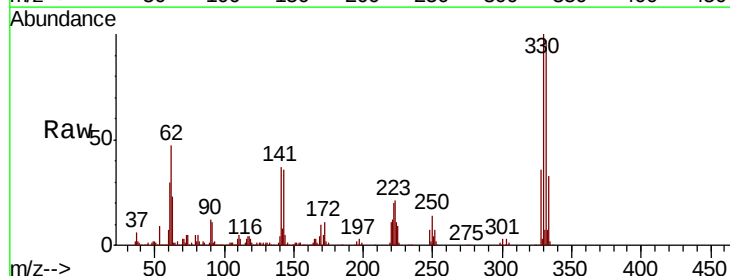
RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Tgt Ion:	330	Resp:	336770
Ion Ratio	Lower	Upper	
330	100		
332	98.1	79.1	118.7
141	35.9	27.1	40.7





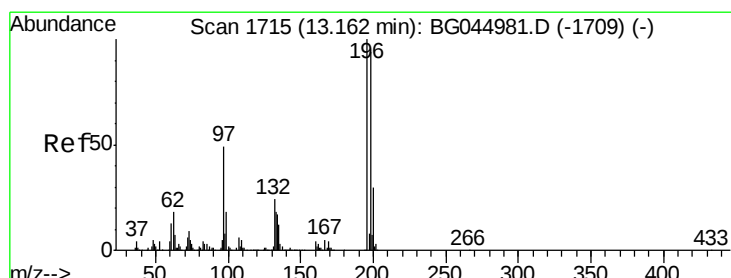
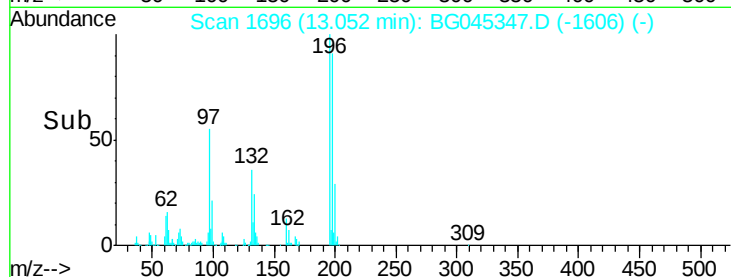
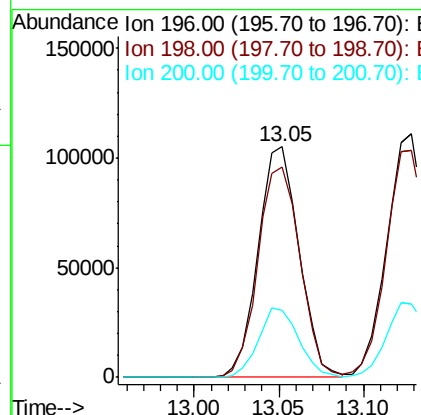
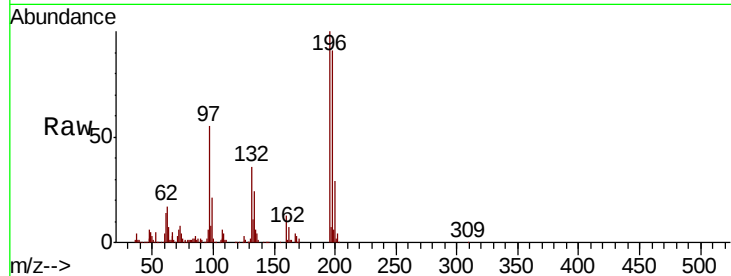
#43
 2,4,6-Trichlorophenol
 Concen: 40.357 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	176508		
198	91.4	72.5	108.7	
200	29.2	24.5	36.7	

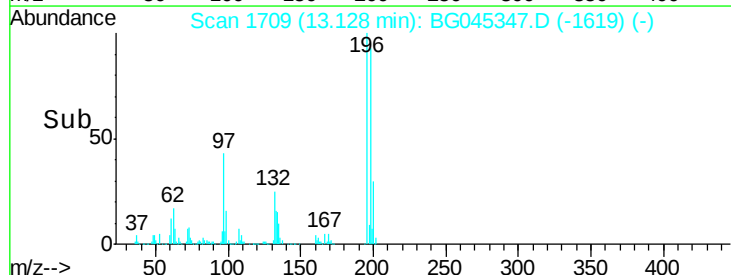
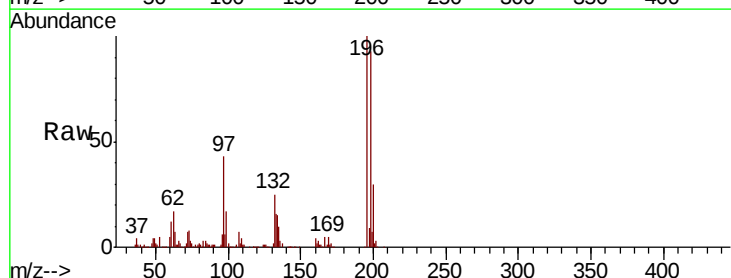
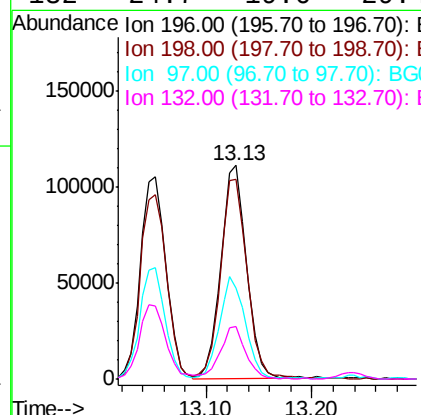
Manual Integrations
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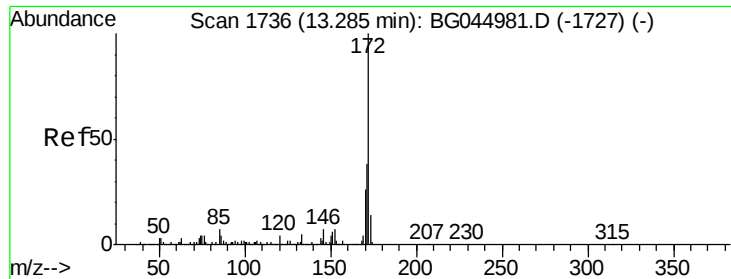
mohammad
 5/14/2020 11:54:03 AM



#44
 2,4,5-Trichlorophenol
 Concen: 37.956 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188962		
198	93.4	75.7	113.5	
97	42.7	39.6	59.4	
132	24.7	19.6	29.4	





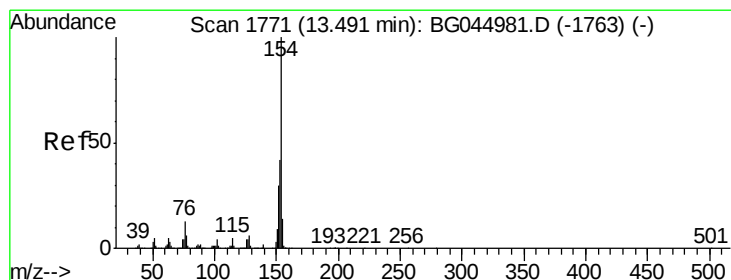
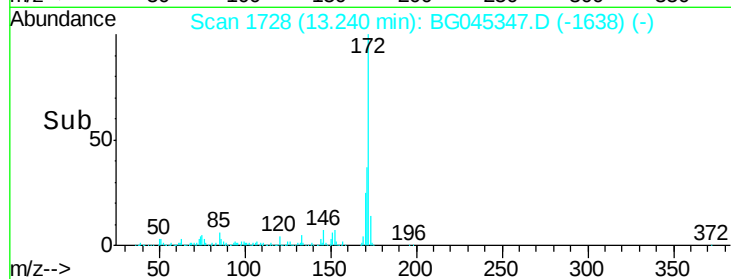
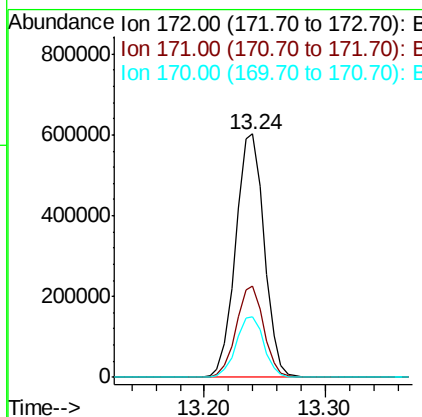
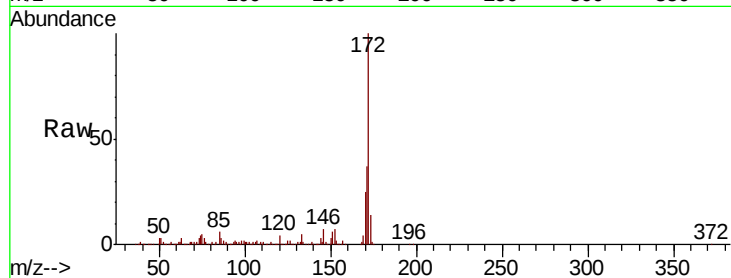
#45
2-Fluorobiphenyl
Concen: 75.607 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	25.0	20.5	30.7

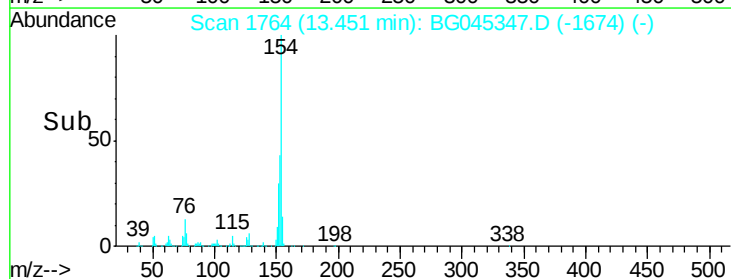
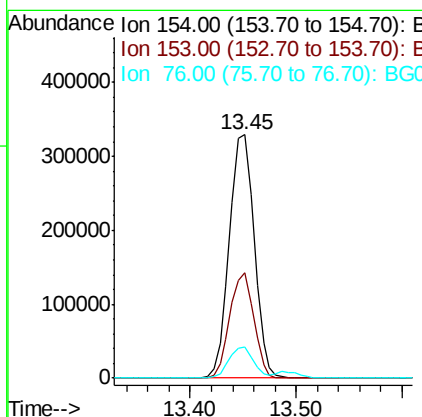
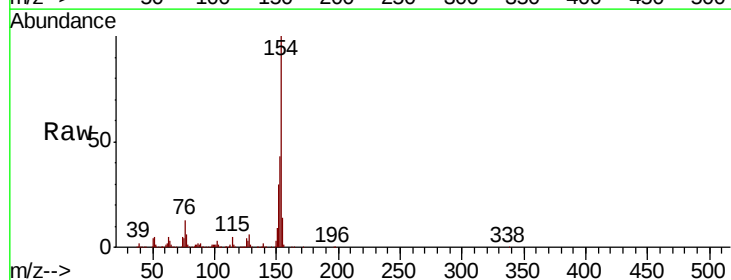
Manual Integrations
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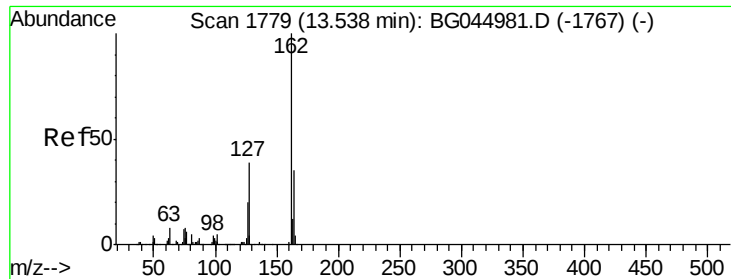
mohammad
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#46
1,1'-Biphenyl
Concen: 36.739 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	21.9	61.9
76	13.0	0.0	33.1





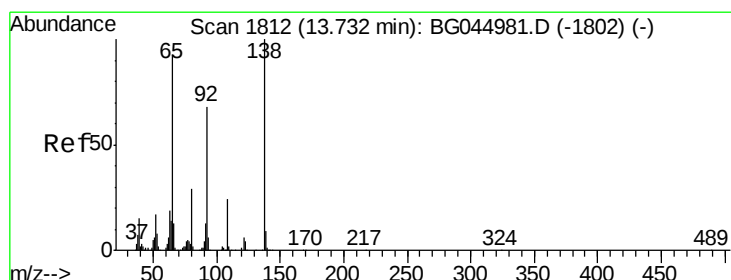
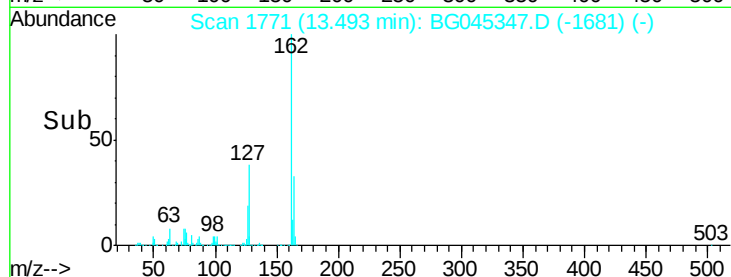
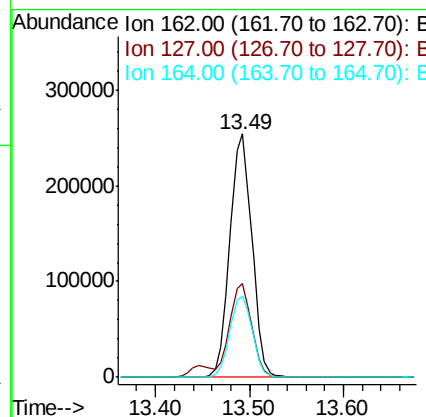
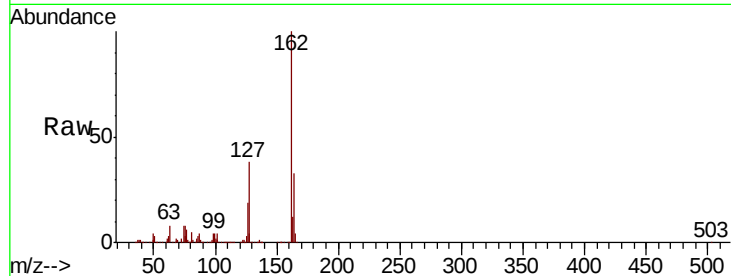
#47
2-Chloronaphthalene
Concen: 37.256 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.3	46.9
164	33.1	27.8	41.8

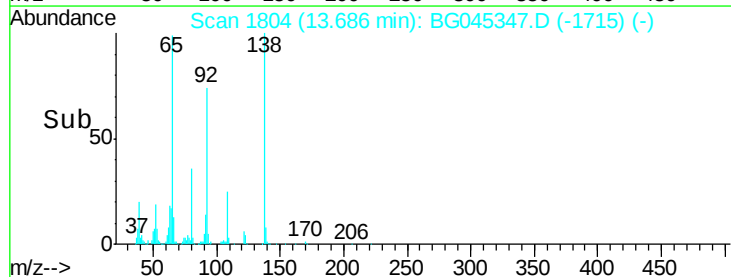
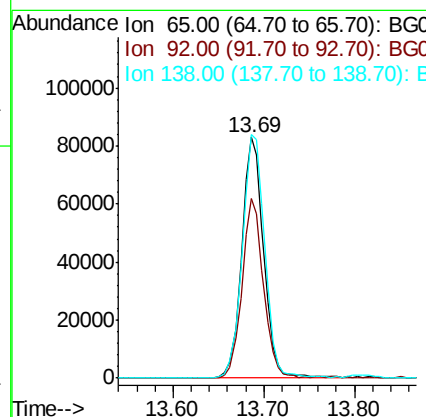
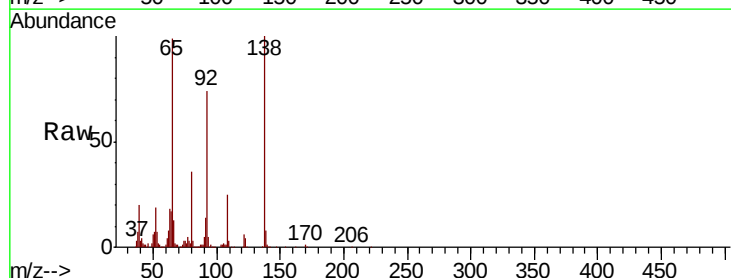
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#48
2-Nitroaniline
Concen: 38.030 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	58.3	87.5
138	101.2	85.6	128.4





#49

Acenaphthylene

Concen: 37.846 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Instrument :

BNA_G

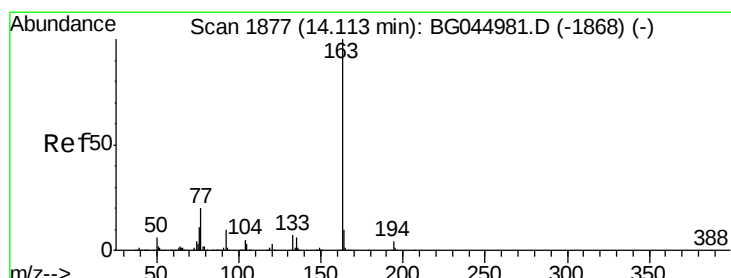
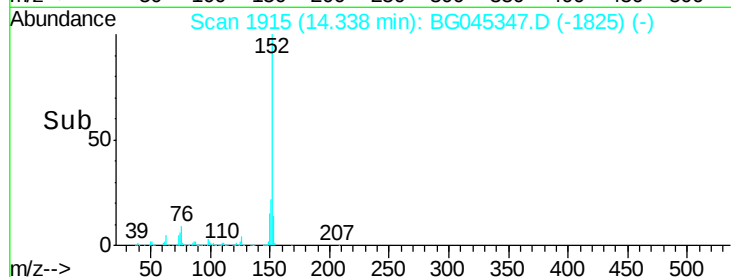
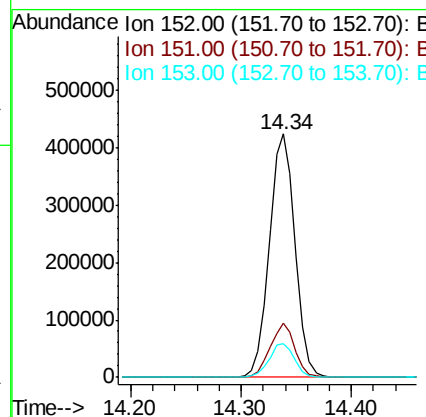
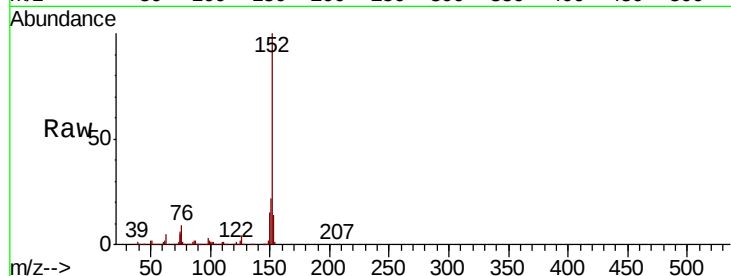
ClientSampleId :

CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	13.6	11.0	16.4

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#50

Dimethylphthalate

Concen: 42.404 ng

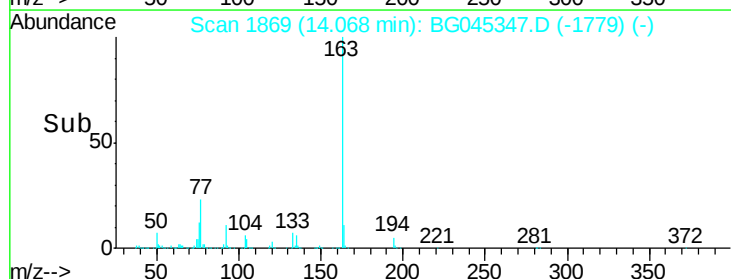
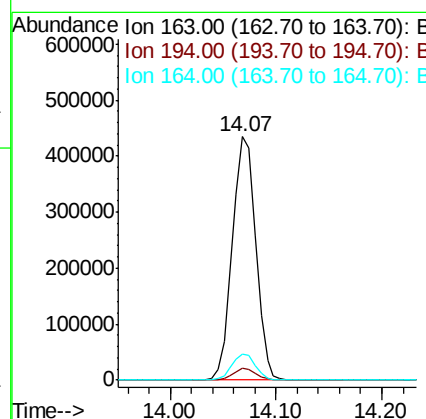
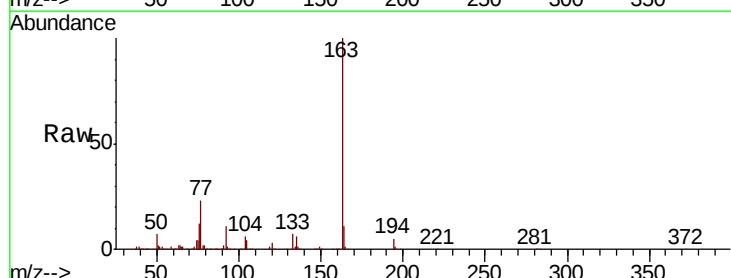
RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.5	8.2	12.4





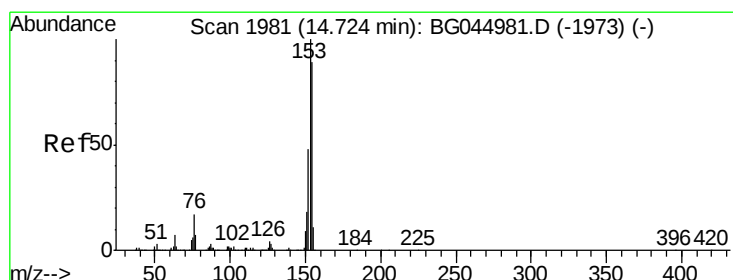
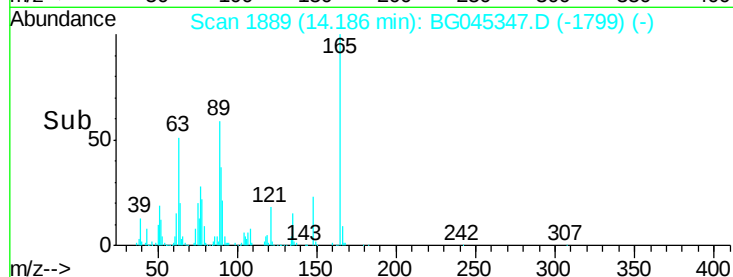
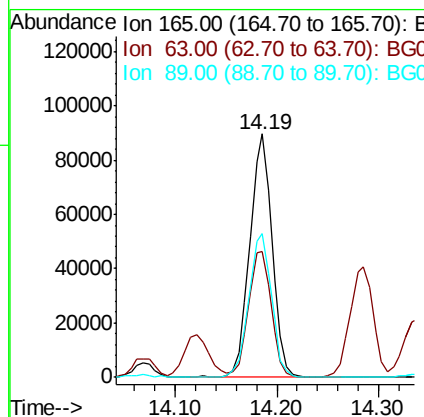
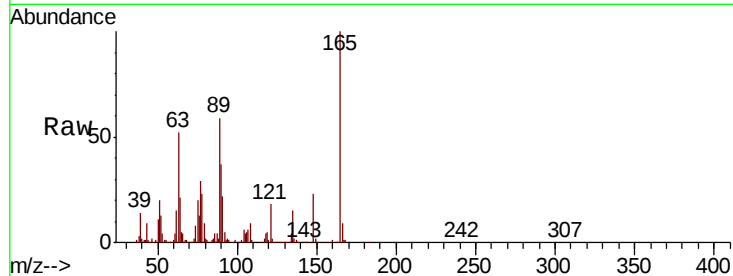
#51
2,6-Dinitrotoluene
Concen: 39.033 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	51.9	40.4	60.6
89	59.2	49.1	73.7

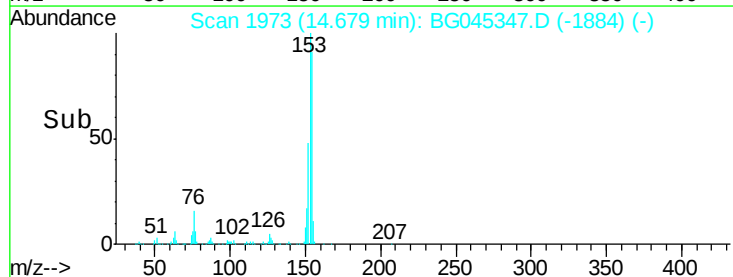
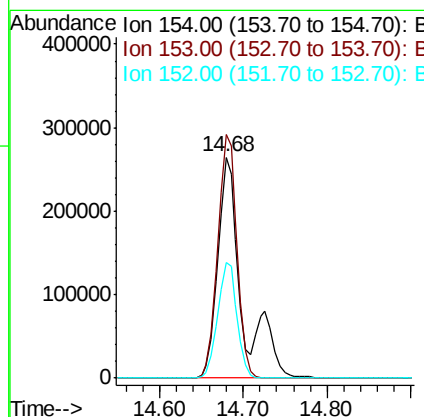
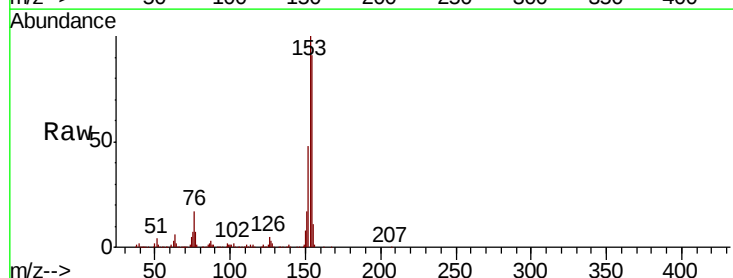
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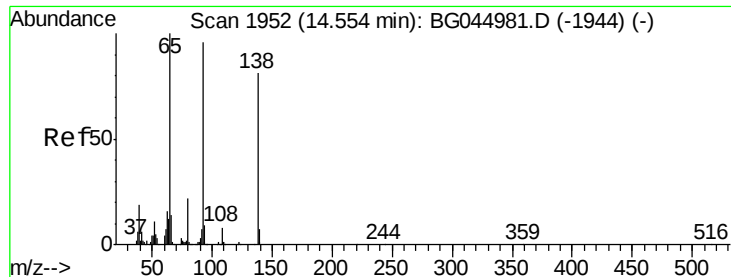
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#52
Acenaphthene
Concen: 43.862 ng m
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	110.3	89.7	134.5
152	52.5	43.1	64.7





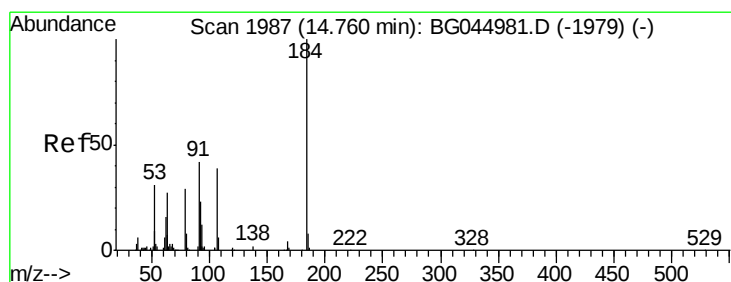
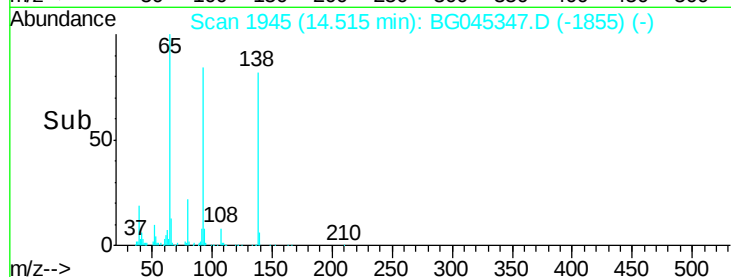
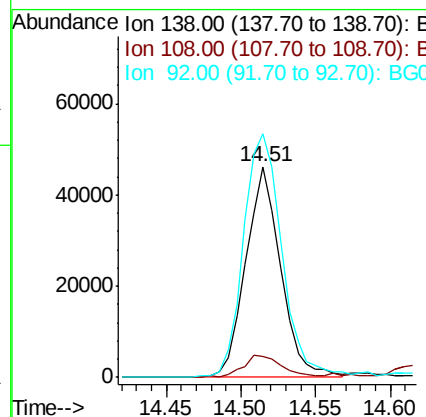
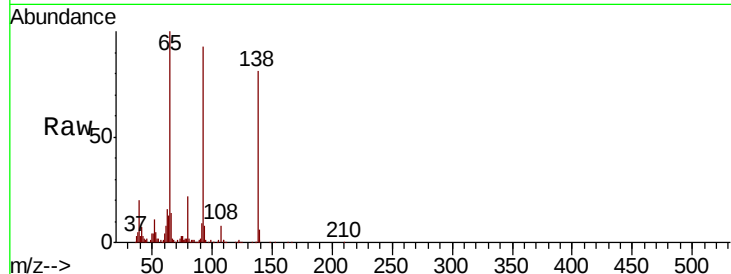
#53
3-Nitroaniline
Concen: 19.498 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	115.7	94.5	141.7

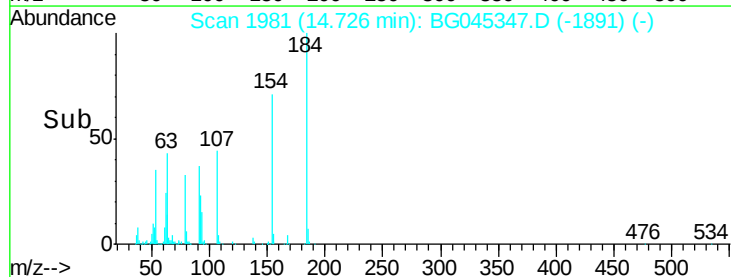
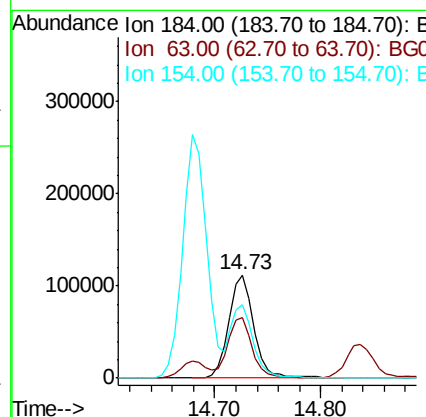
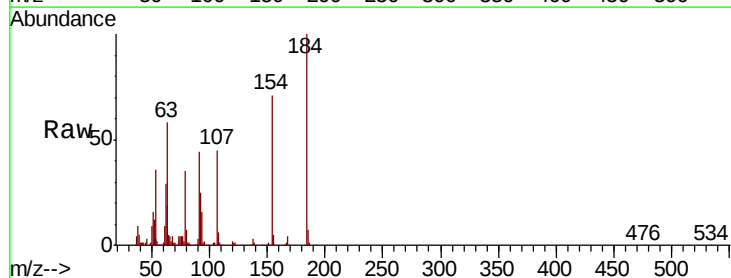
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#54
2,4-Dinitrophenol
Concen: 87.582 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	41.5	62.3
154	71.5	52.3	78.5





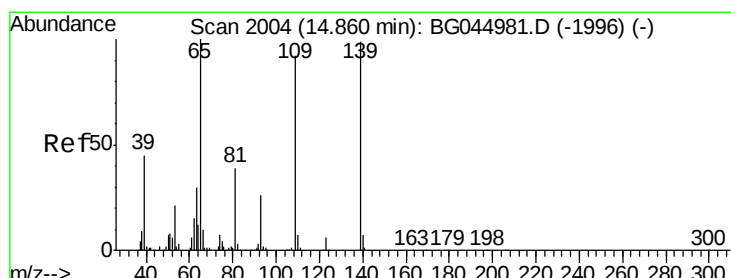
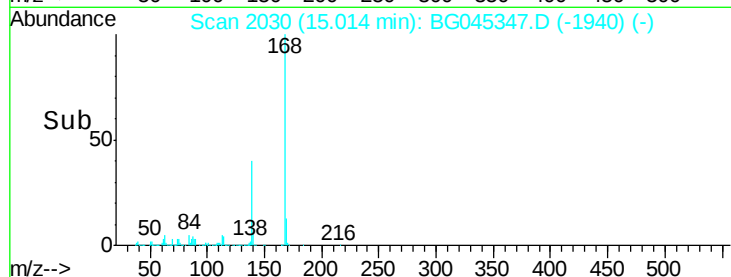
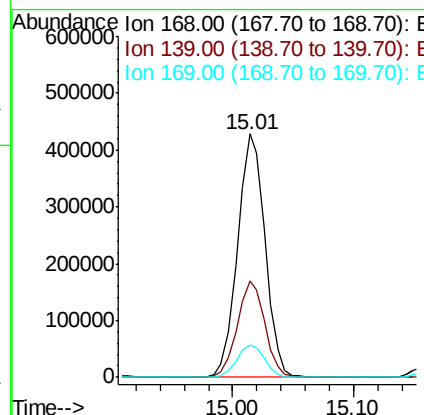
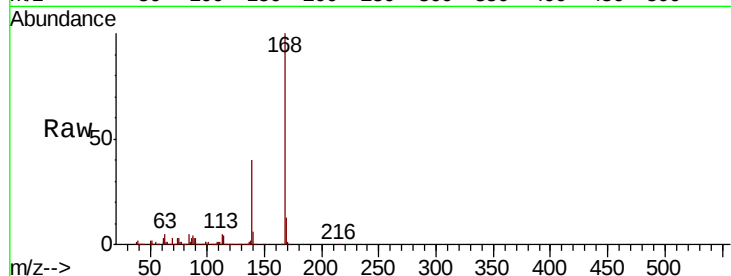
#55
Dibenzenofuran
Concen: 37.803 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.4	45.6
169	13.2	11.0	16.4

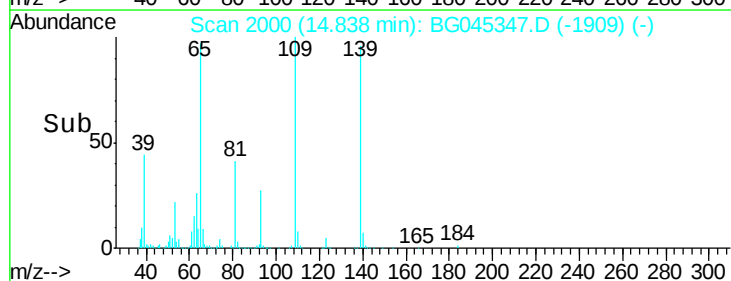
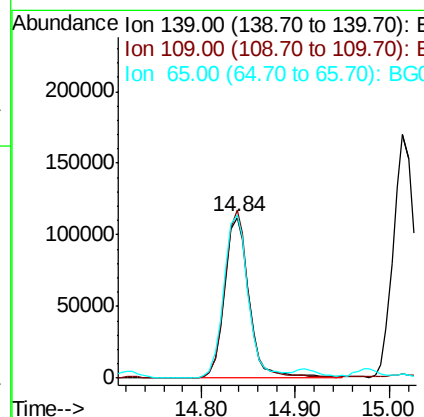
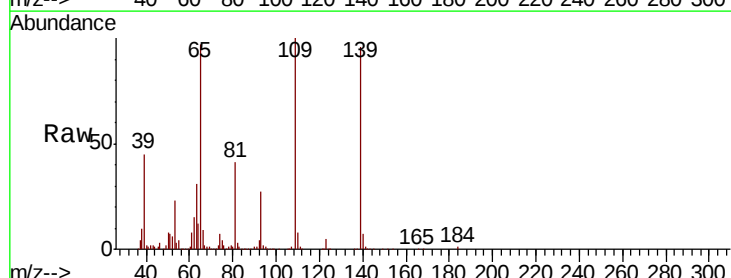
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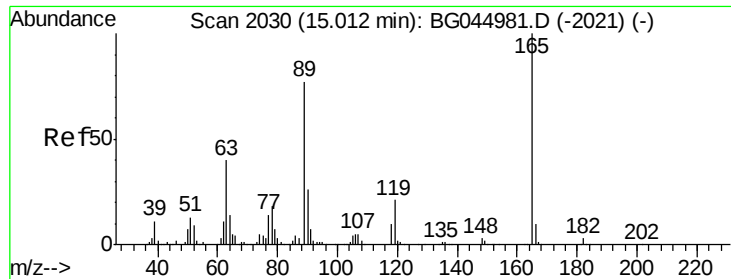
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#56
4-Nitrophenol
Concen: 68.768 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.5	73.6	113.6
65	101.3	81.2	121.2





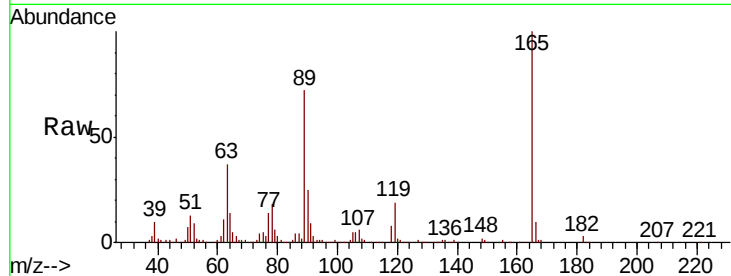
#57
2,4-Dinitrotoluene
Concen: 36.910 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.8	32.2	48.2
89	71.8	61.7	92.5
182	3.4	2.0	3.0

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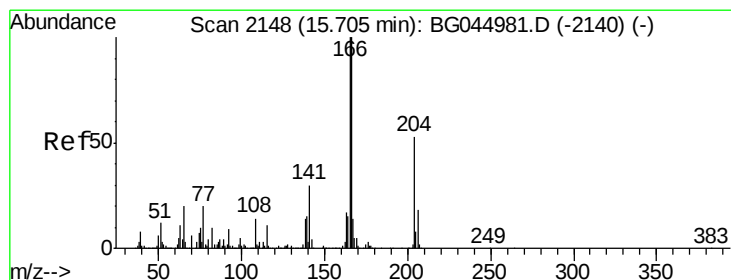
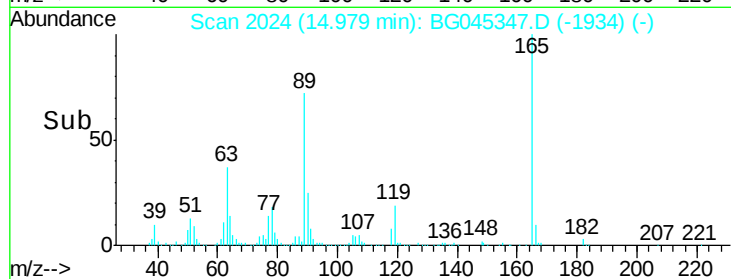
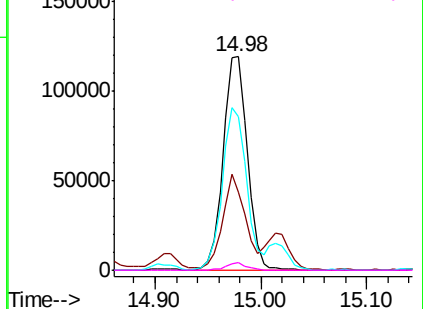


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

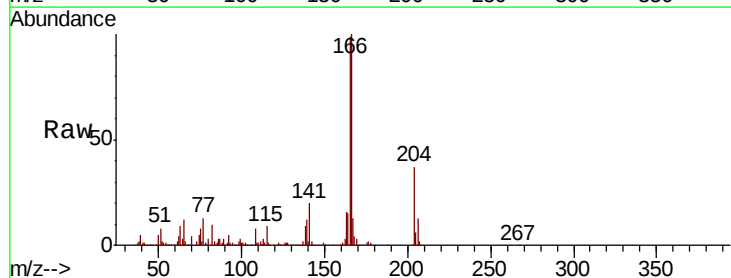
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.498 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

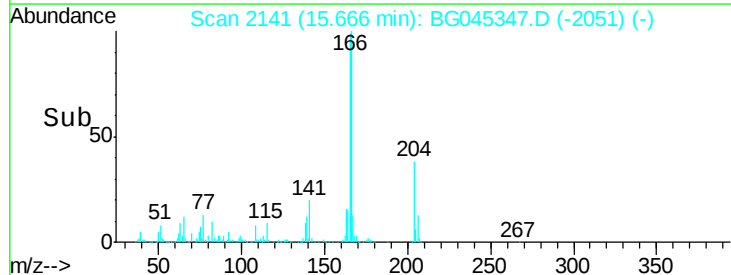
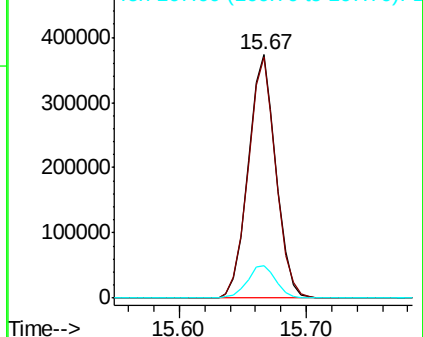
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.8	79.9	119.9
167	13.2	11.4	17.0

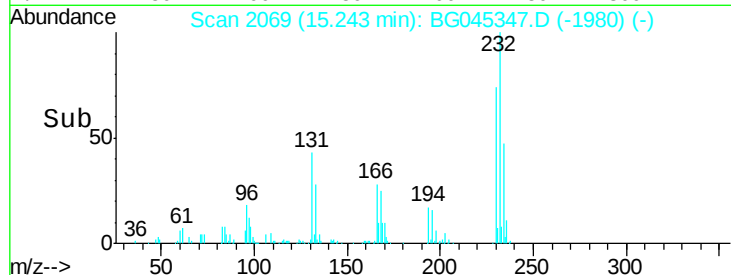
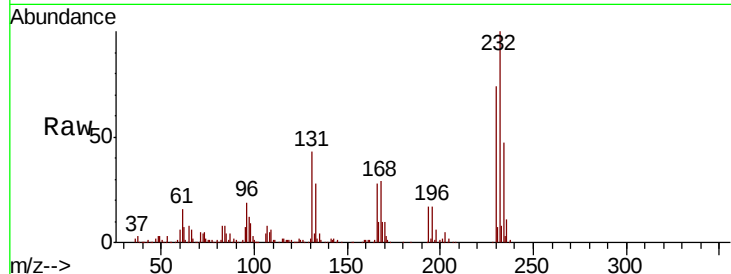
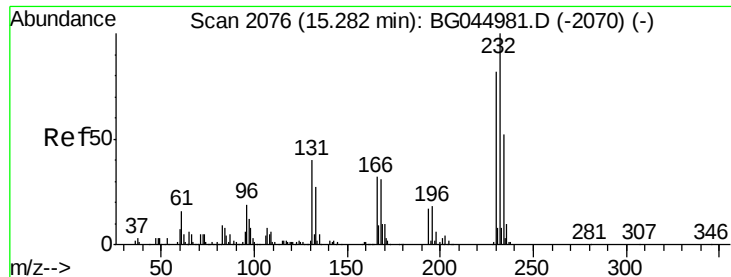


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





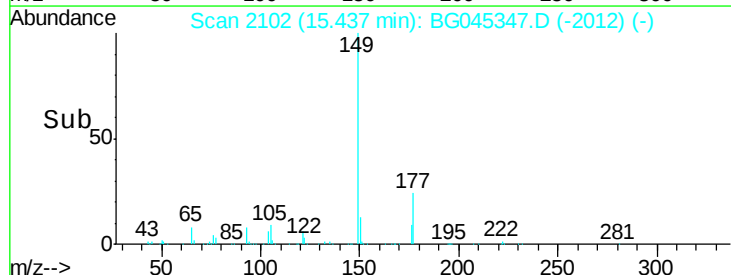
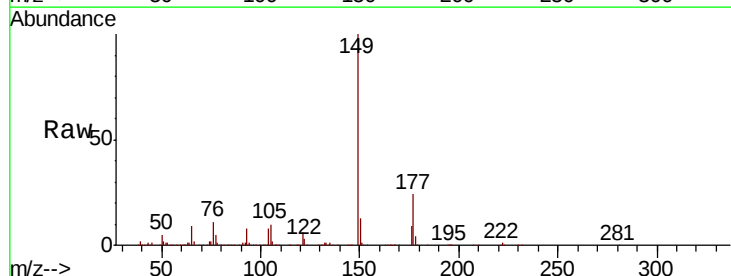
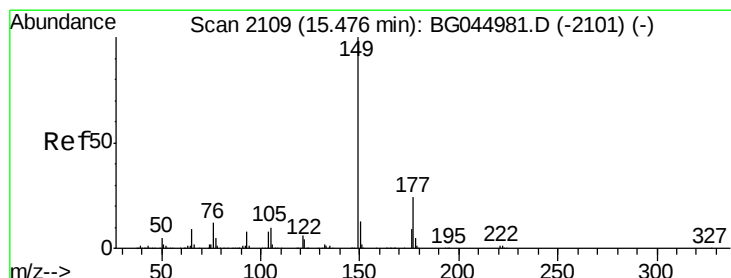
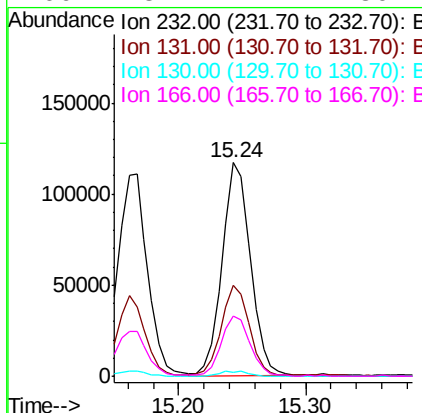
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.131 ng
RT: 15.24 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	182200		
131	41.4	32.2	48.2	
130	2.4	2.2	3.2	
166	28.2	24.2	36.4	

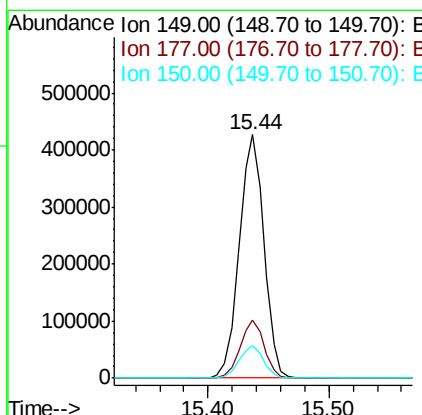
Manual Integrations
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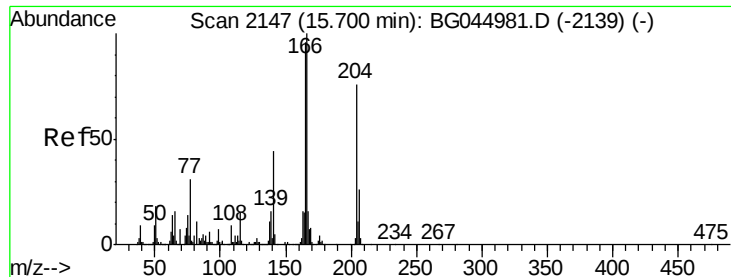
mohammad
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#60
Diethylphthalate
Concen: 37.123 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	606571		
177	23.8	18.9	28.3	
150	13.3	10.6	15.8	





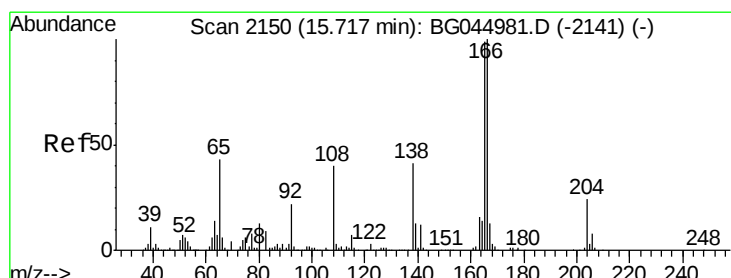
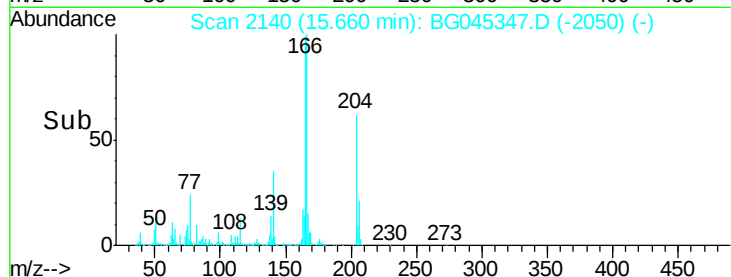
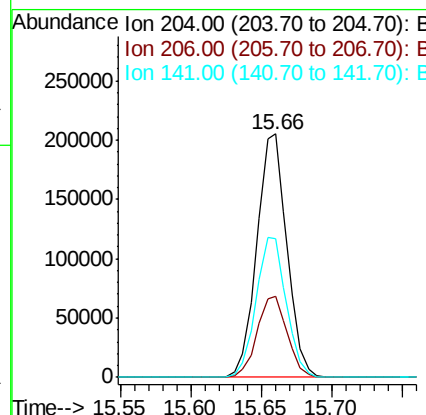
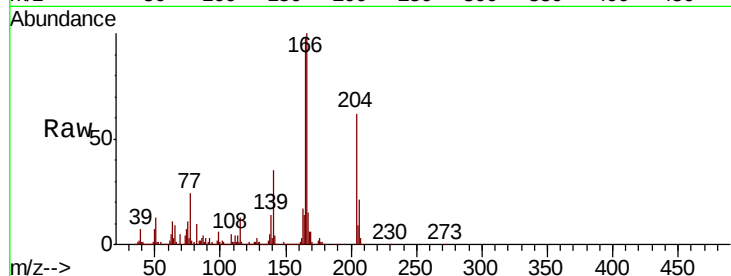
#61
 4-Chlorophenyl-phenylether
 Concen: 36.369 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.4	26.9	40.3	
141	57.0	46.3	69.5	

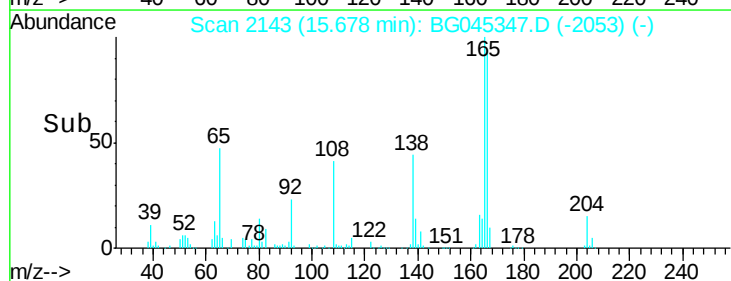
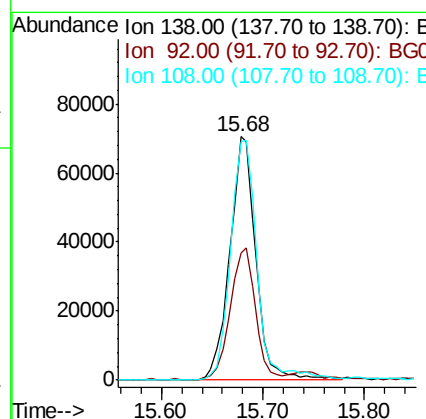
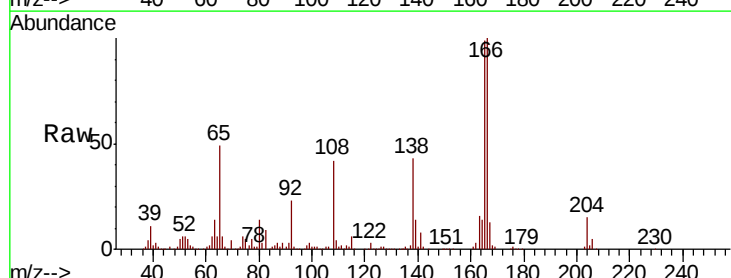
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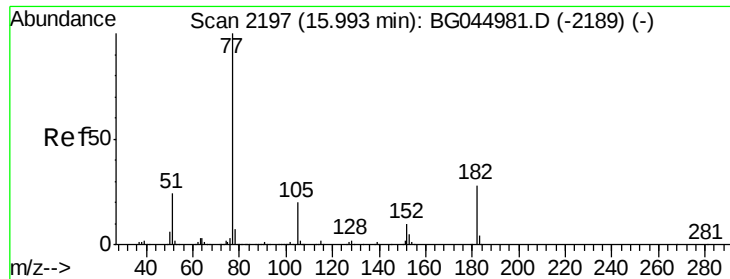
mohammad
 5/14/2020 11:54:03 AM



#62
 4-Nitroaniline
 Concen: 31.599 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	52.3	33.6	73.6	
108	98.2	78.2	118.2	





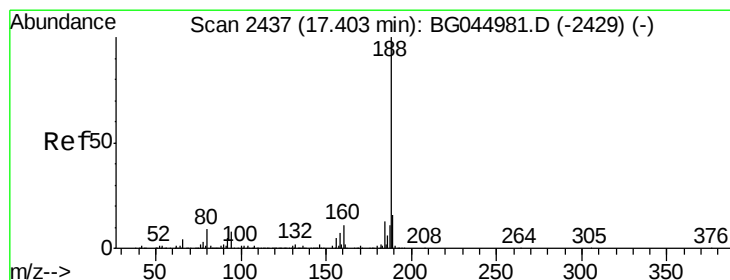
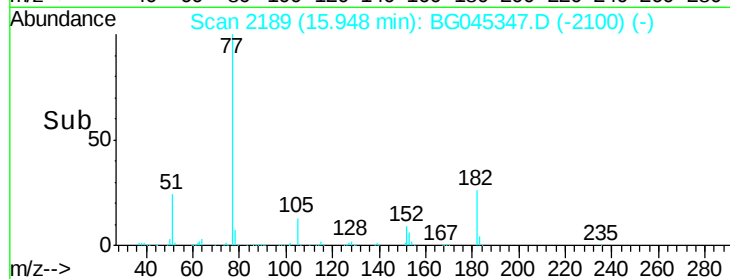
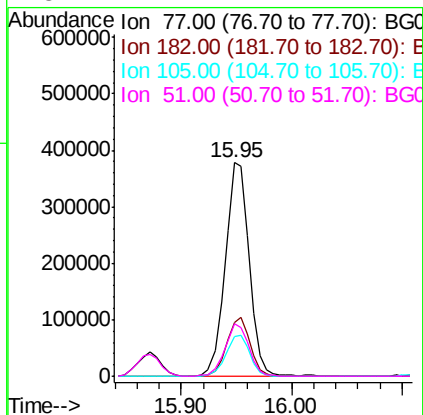
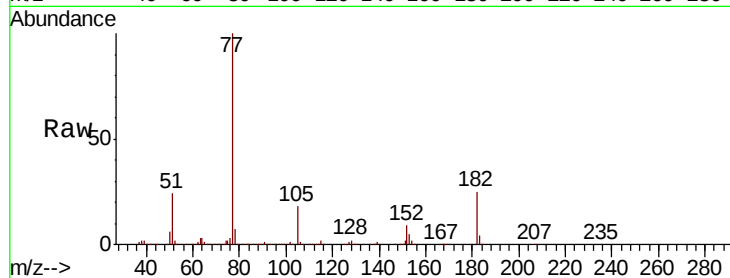
#63
Azobenzene
Concen: 37.667 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	567431		
182	25.3	8.4	48.4	
105	18.5	0.5	40.5	
51	24.4	4.4	44.4	

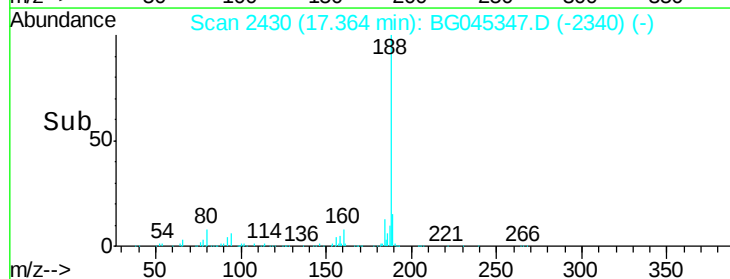
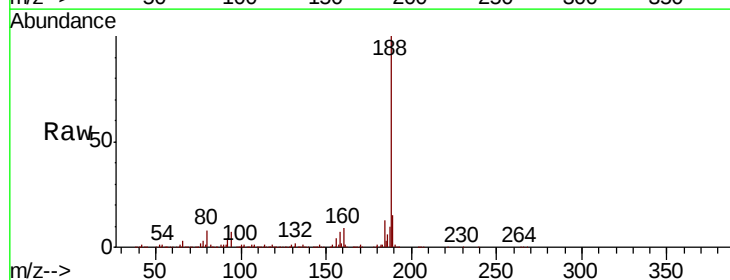
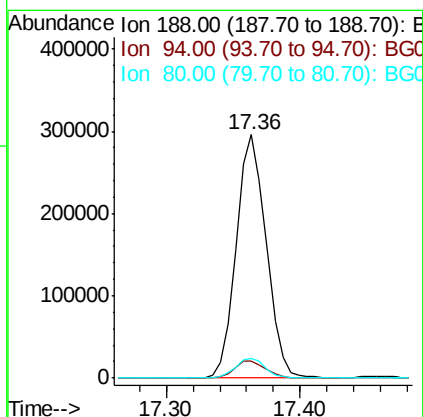
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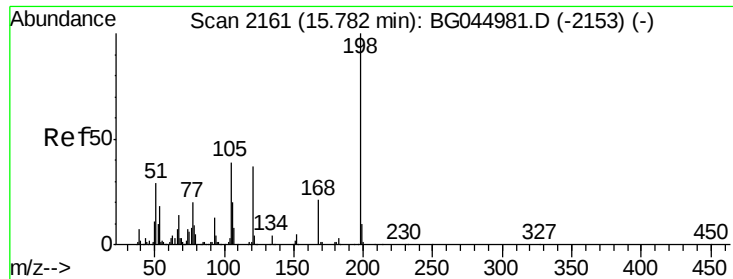
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	459191		
94	7.0	6.2	9.4	
80	8.0	7.0	10.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 42.974 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Instrument :

BNA_G

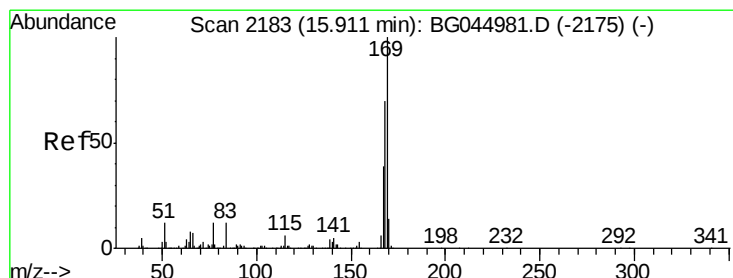
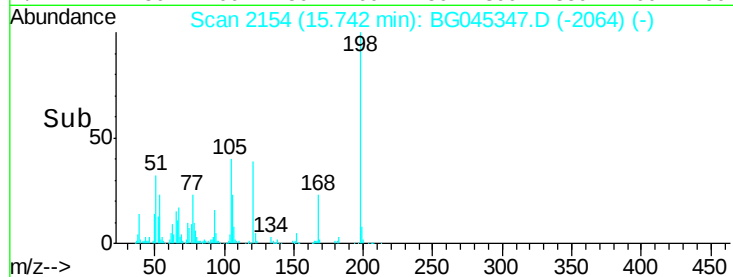
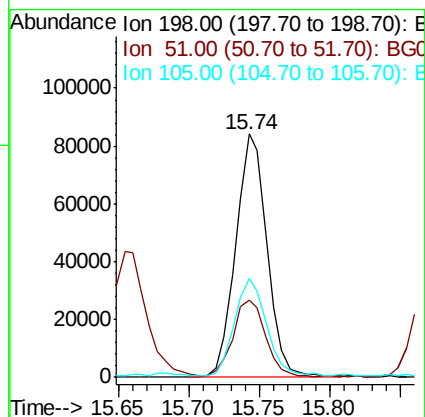
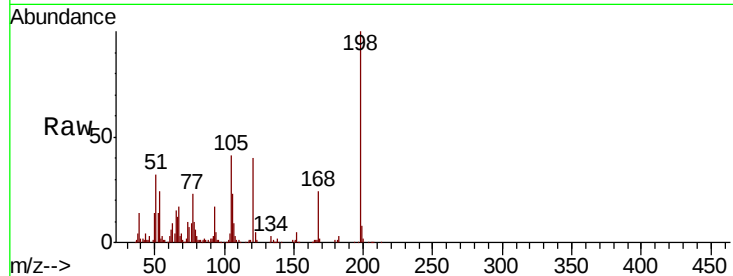
ClientSampleId :

CHASSIE-WASHMSD

Tot Ion:	198	Resp:	129709
Ion Ratio	Lower	Upper	
198	100		
51	31.7	10.0	50.0
105	40.9	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 38.579 ng

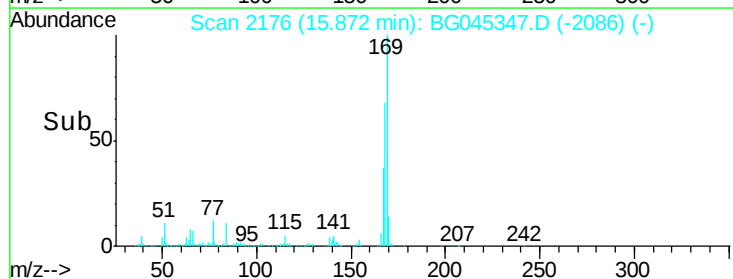
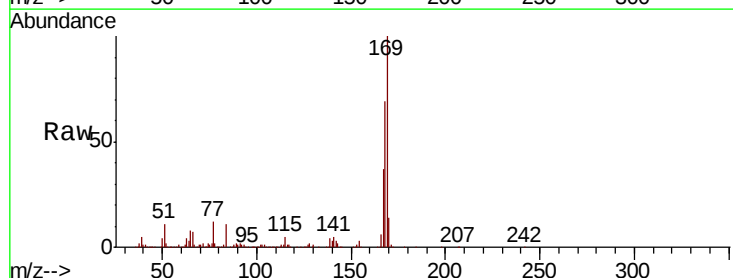
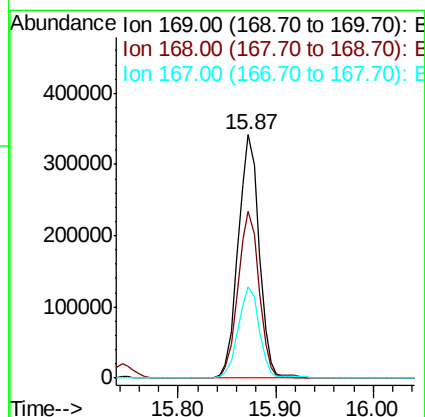
RT: 15.87 min Scan# 2176

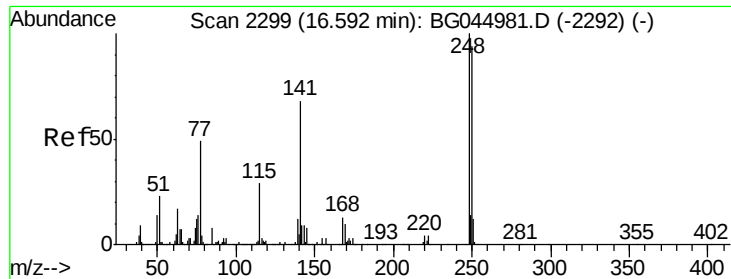
Delta R.T. -0.00 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Tgt Ion:	169	Resp:	508984
Ion Ratio	Lower	Upper	
169	100		
168	68.6	55.8	83.8
167	37.4	30.8	46.2





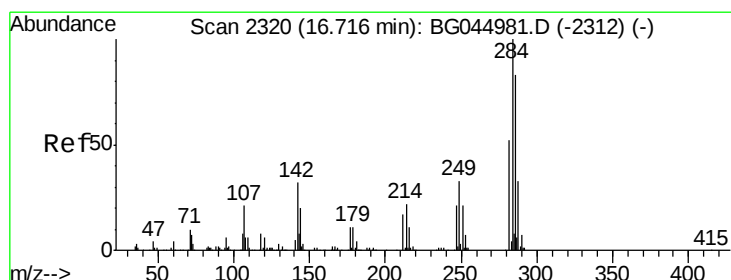
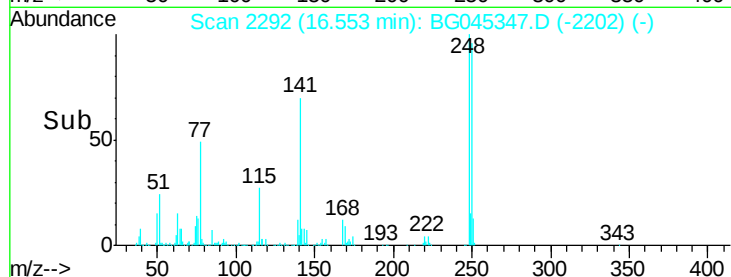
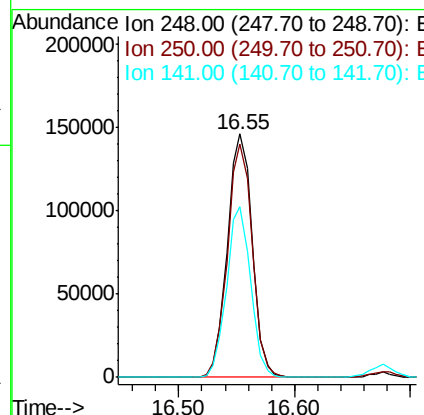
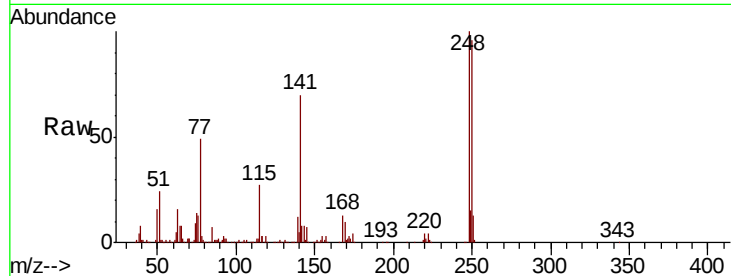
#67
4-Bromophenyl-phenylether
Concen: 36.604 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.4	113.2
141	70.0	54.4	81.6

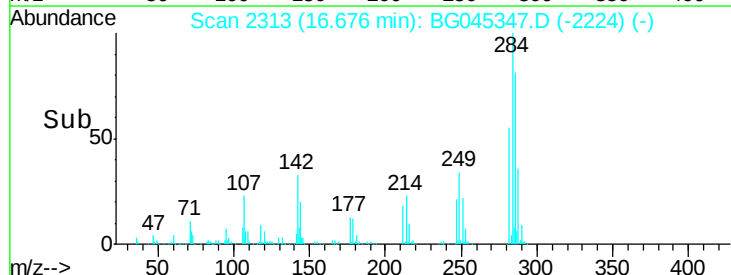
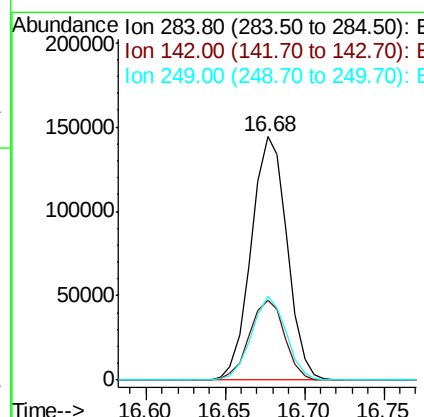
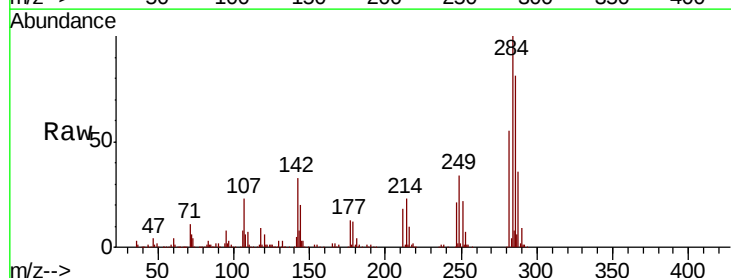
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#68
Hexachlorobenzene
Concen: 36.912 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	25.8	38.6
249	34.3	26.6	39.8





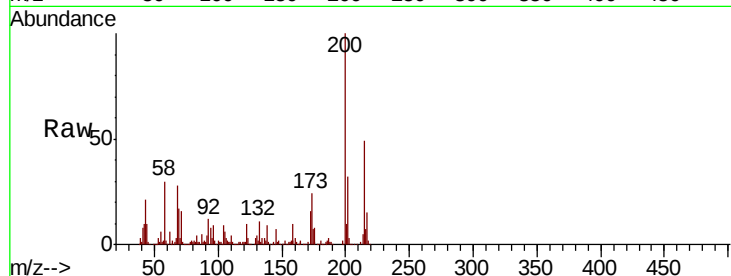
#69
Atrazine
Concen: 39.606 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

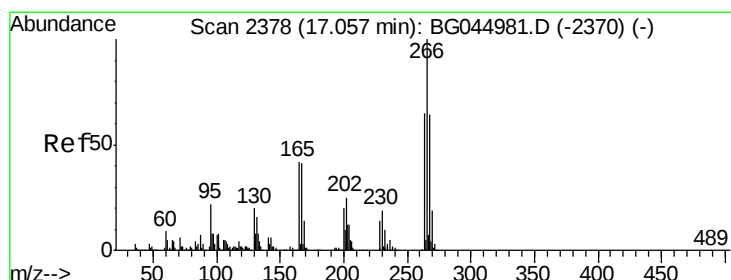
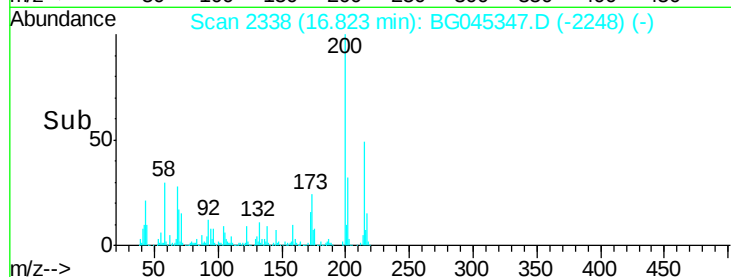
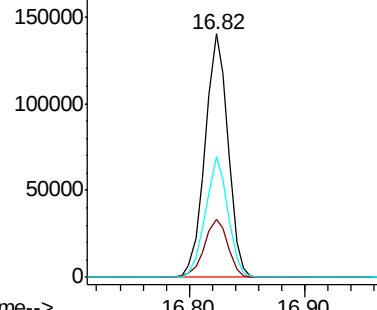
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.5	44.5
215	49.5	30.0	70.0

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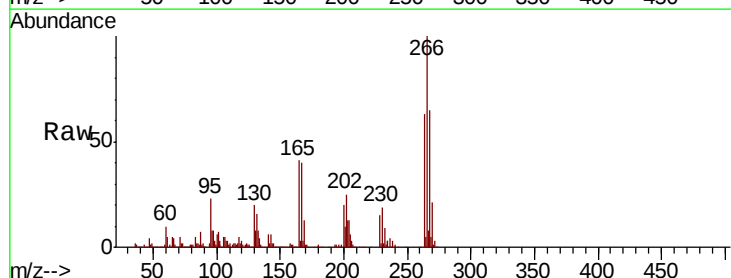


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

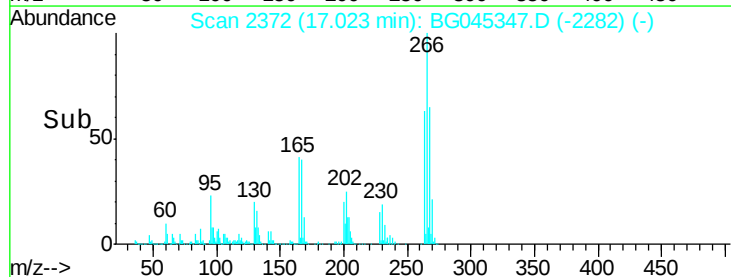
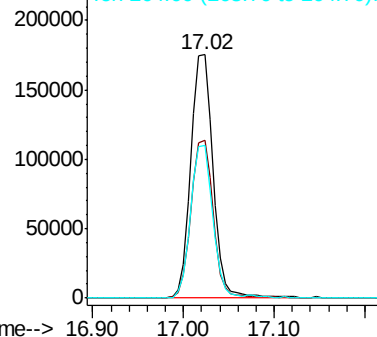


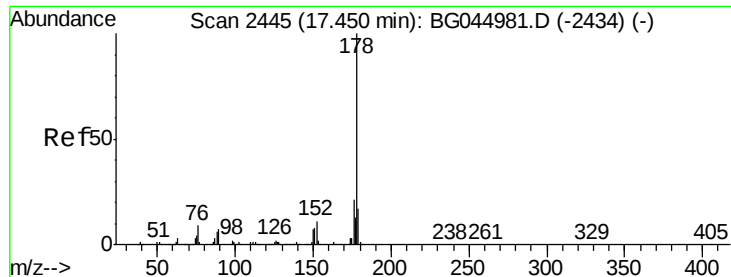
#70
Pentachlorophenol
Concen: 79.094 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.5	77.3
264	62.9	52.2	78.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





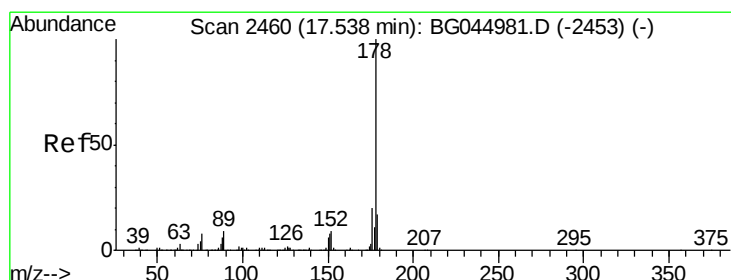
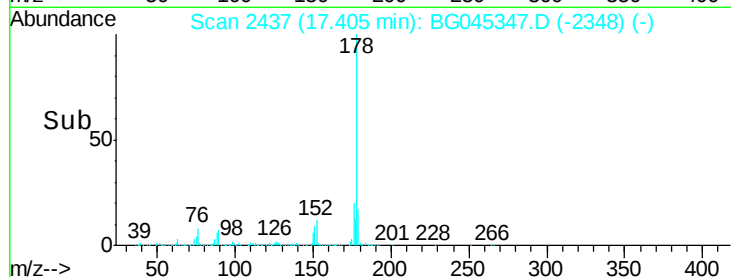
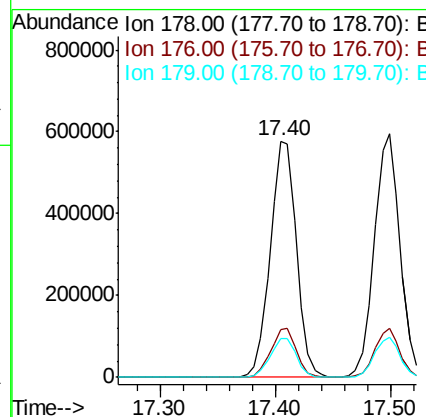
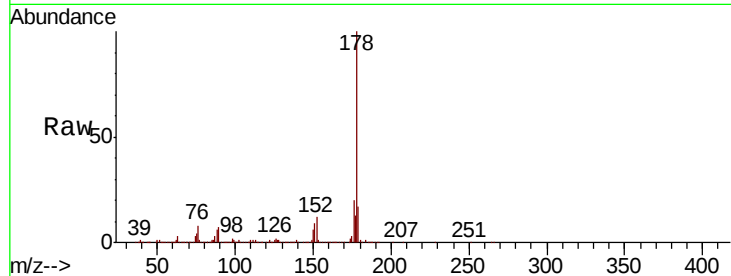
#71
Phenanthrene
Concen: 38.681 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.8	25.2
179	16.7	13.2	19.8

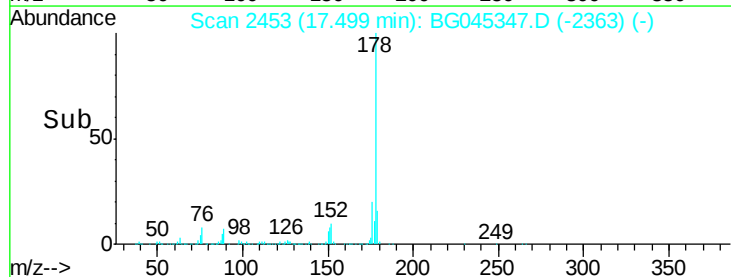
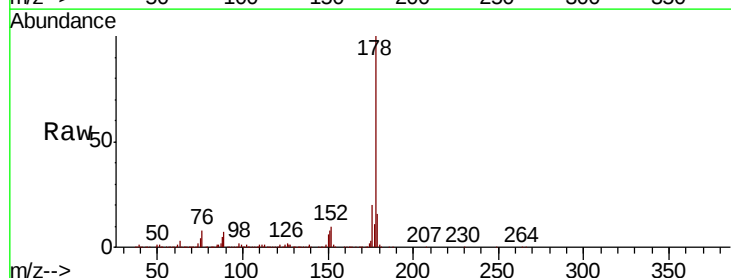
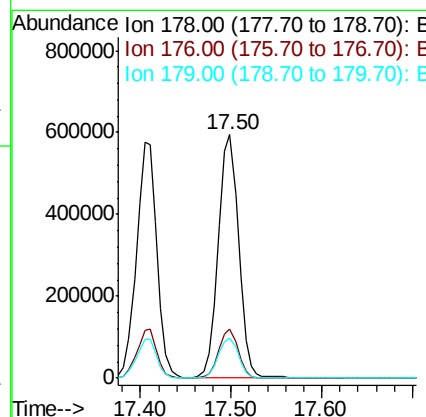
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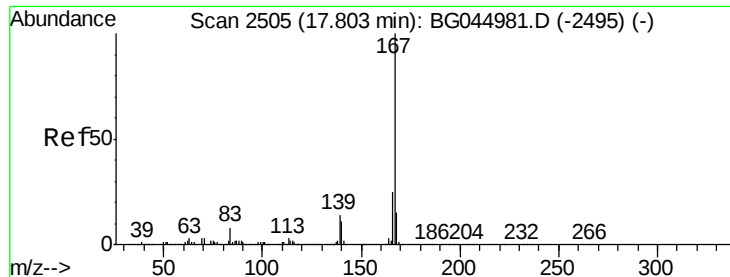
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#72
Anthracene
Concen: 38.940 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.3	13.6	20.4





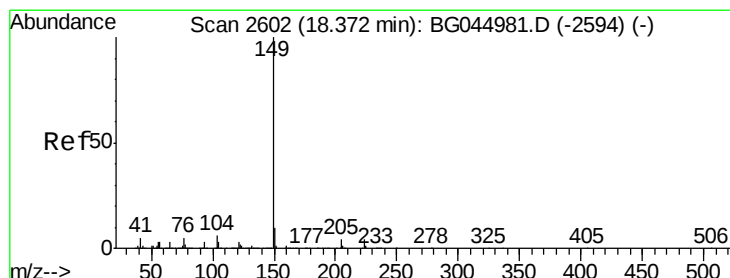
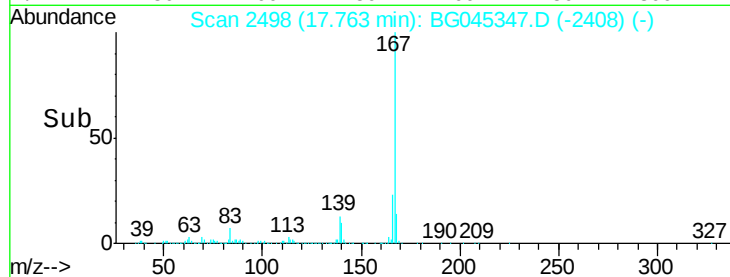
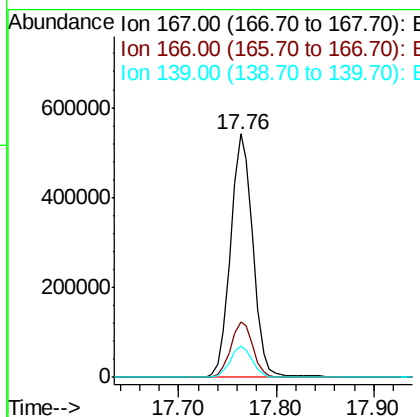
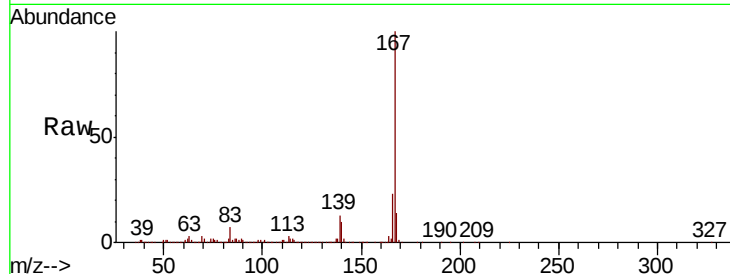
#73
 Carbazole
 Concen: 35.739 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.8	29.6
139	12.9	10.9	16.3

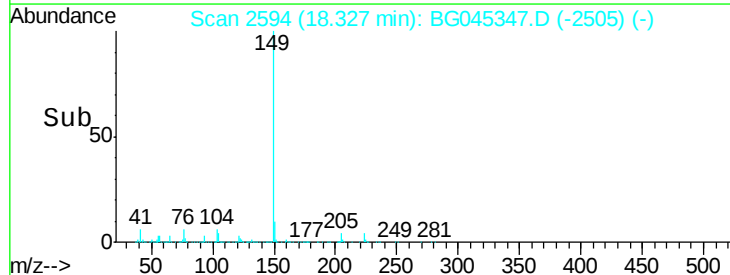
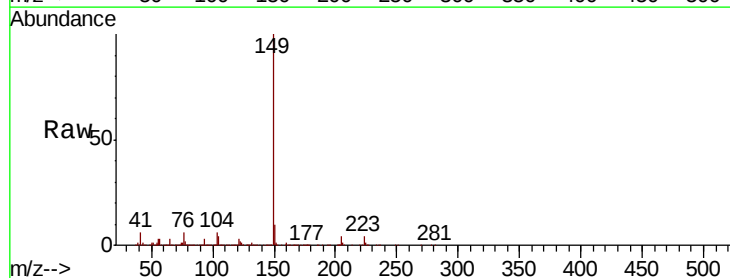
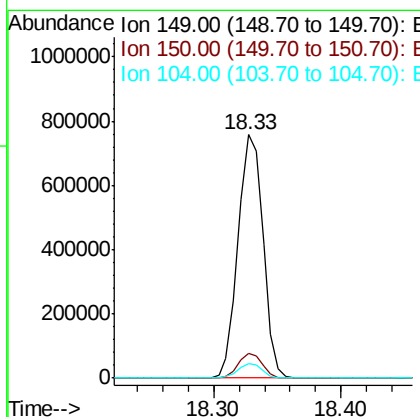
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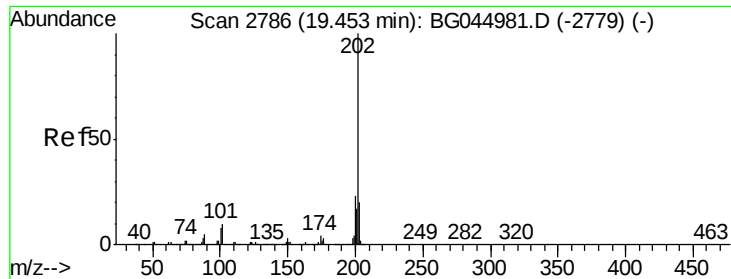
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#74
 Di-n-butylphthalate
 Concen: 38.568 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.2	4.8	7.2





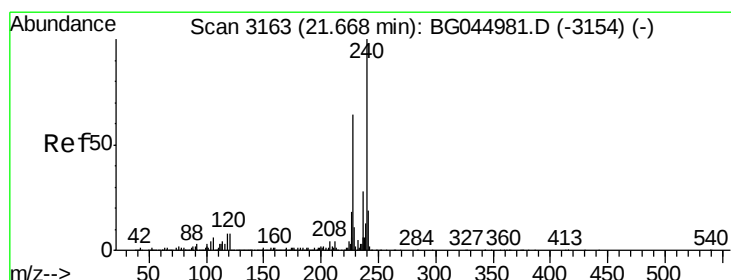
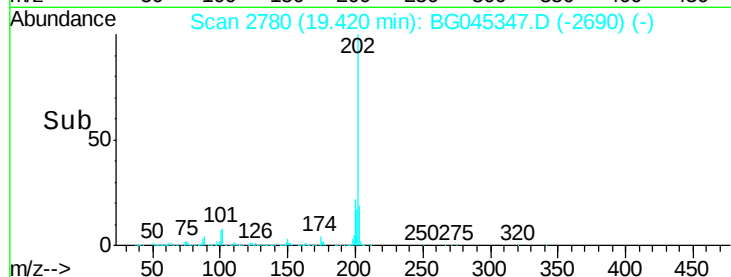
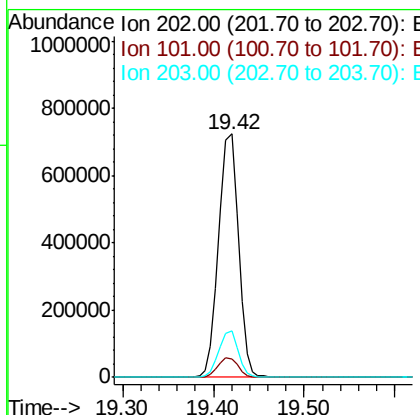
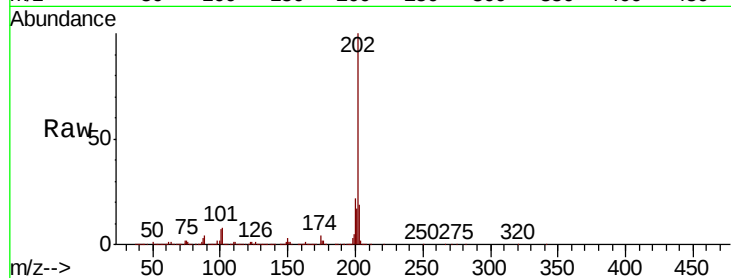
#75
Fluoranthene
Concen: 39.064 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	29.6
203	19.3	0.0	39.7

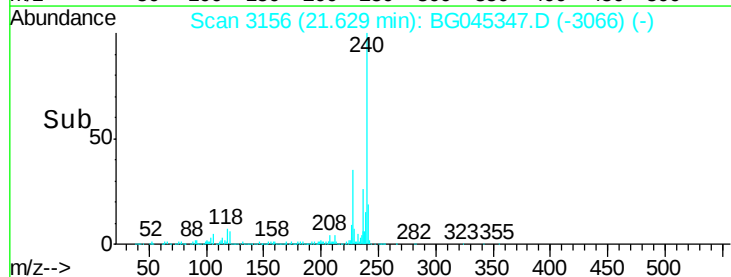
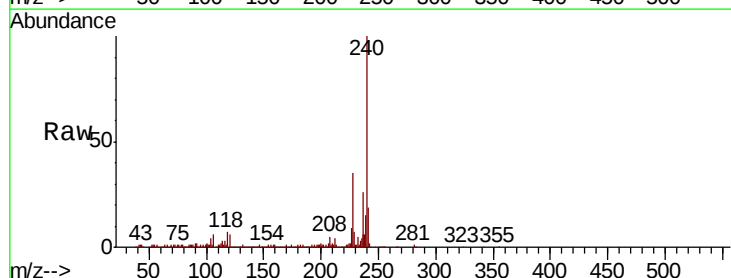
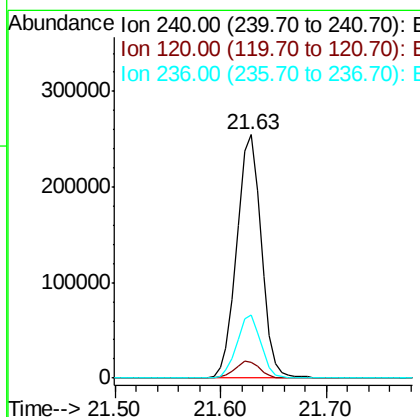
Manual Integrations
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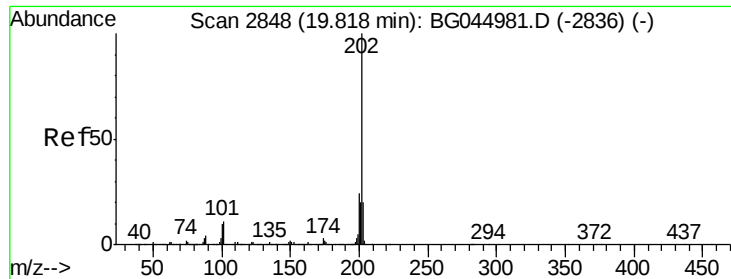
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.6	10.0#
236	26.1	22.2	33.2





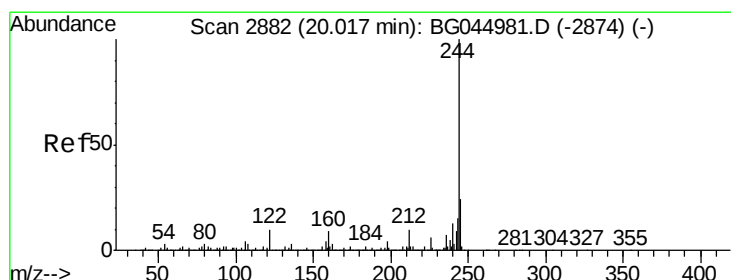
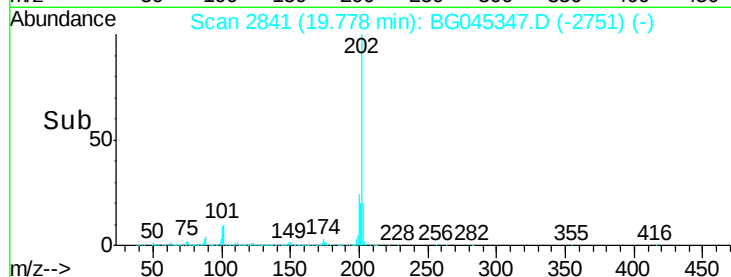
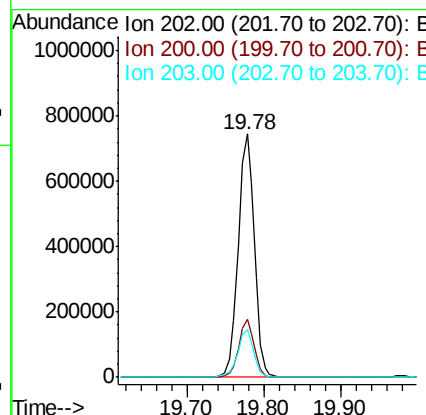
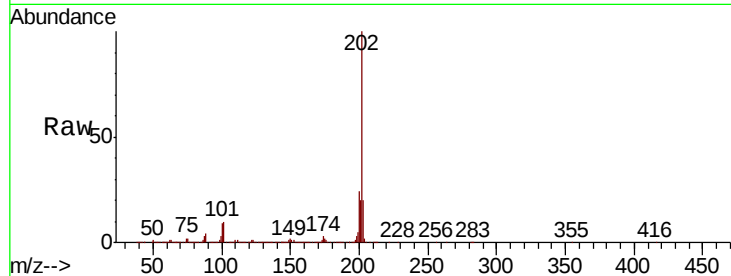
#78
Pvrene
Concen: 38.930 ng
RT: 19.78 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.8	19.0	28.6
203	19.5	16.1	24.1

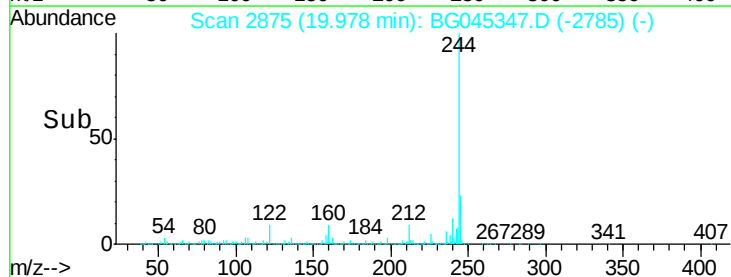
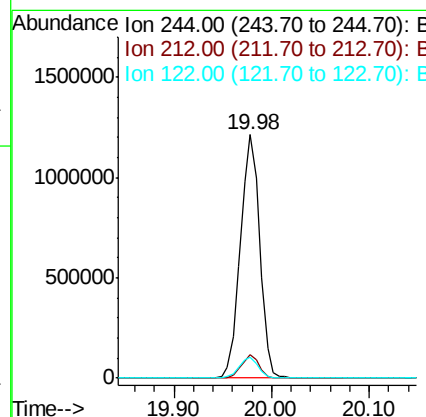
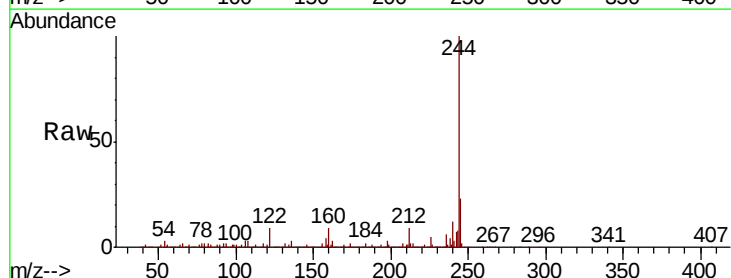
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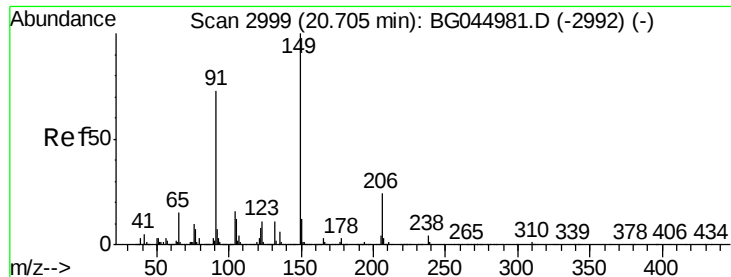
mohammad
5/14/2020 11:54:03 AM



#79
Terphenyl-d14
Concen: 89.237 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	8.8	7.7	11.5





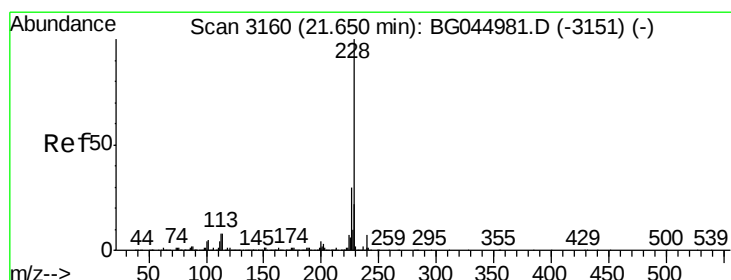
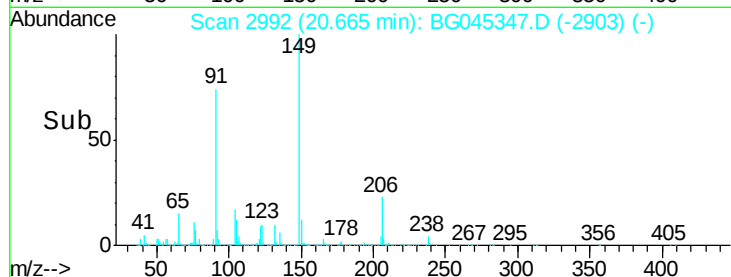
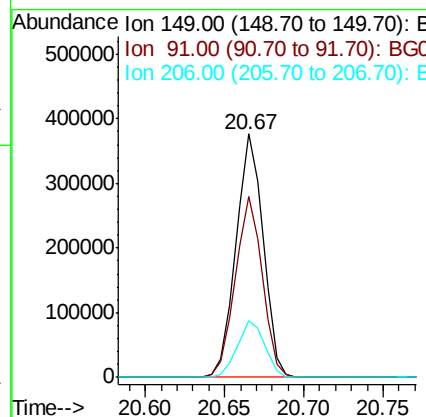
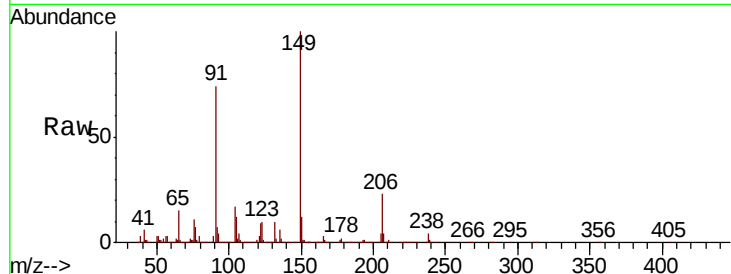
#80
Butylbenzylphthalate
Concen: 38.255 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	58.5	87.7
206	23.5	19.2	28.8

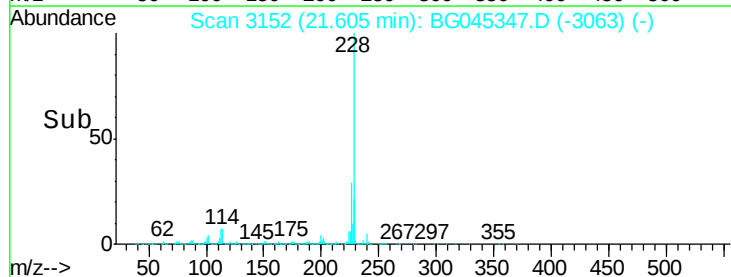
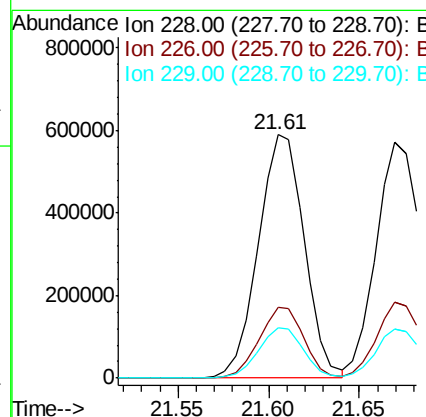
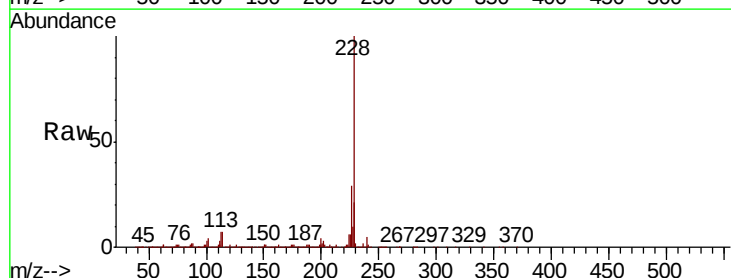
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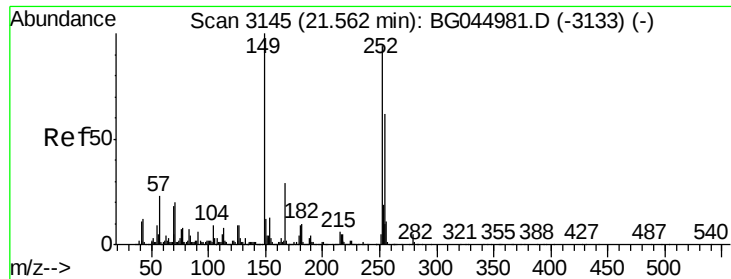
mohammad
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#81
Benzo(a)anthracene
Concen: 39.265 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	20.6	17.5	26.3





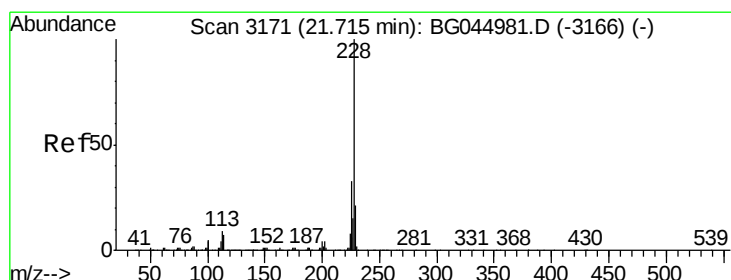
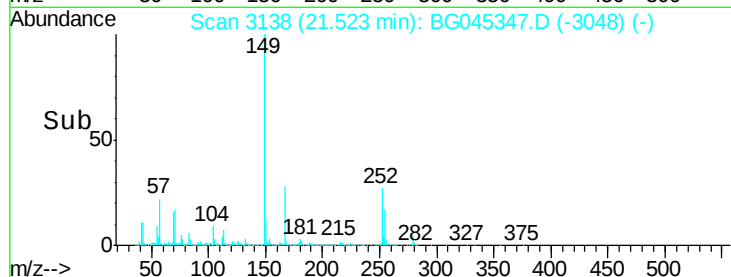
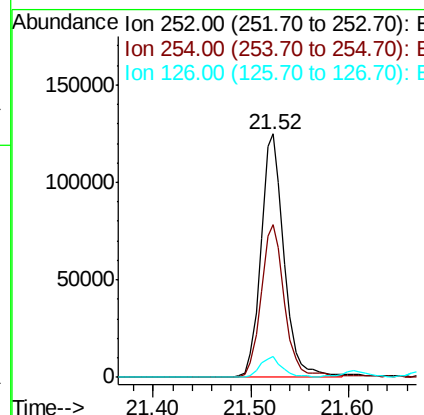
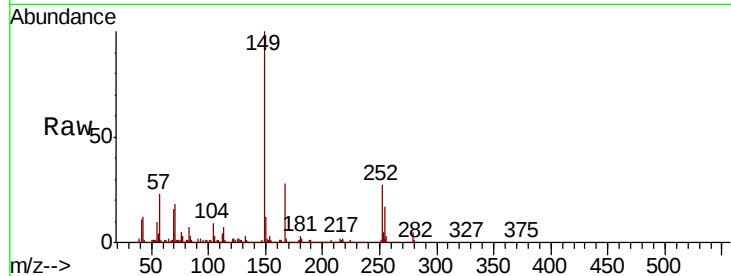
#82
 3,3'-Dichlorobenzidine
 Concen: 19.768 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.6	79.0
126	8.6	7.5	11.3

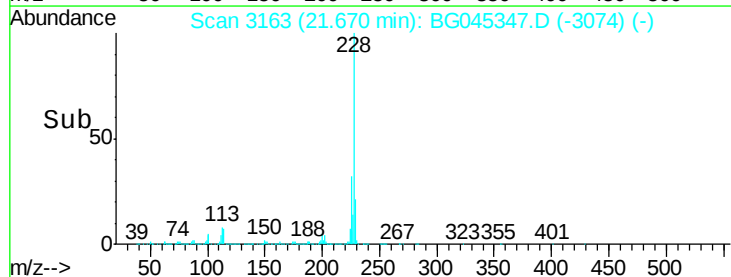
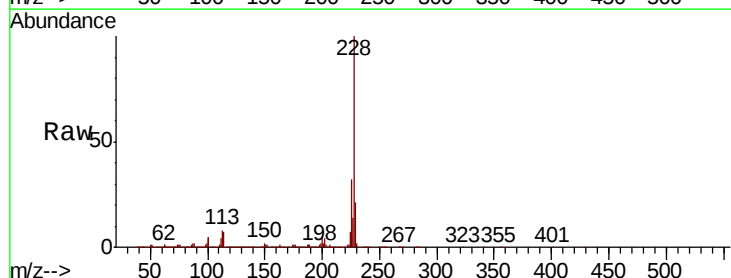
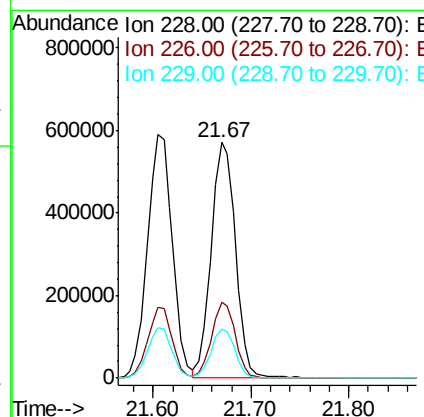
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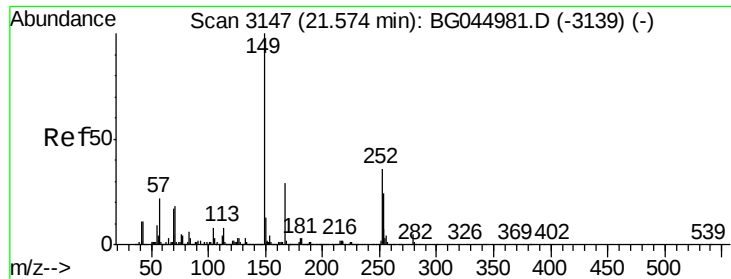
mohammad
 5/14/2020 11:54:03 AM



#83
 Chrysene
 Concen: 38.686 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	20.9	17.0	25.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 39.106 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

Instrument :

BNA_G

ClientSampleId :

CHASSIE-WASHMSD

Tot Ion:149 Resp: 627139

Ion Ratio Lower Upper

149 100

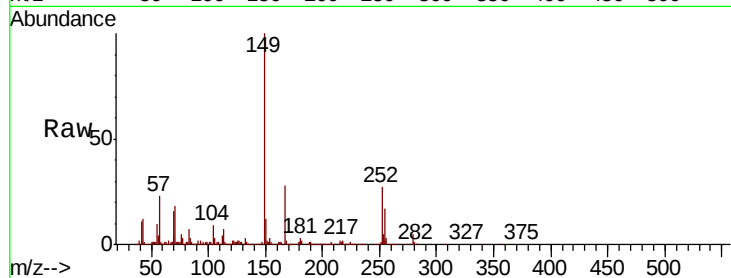
167 27.8 23.4 35.0

279 5.2 4.3 6.5

Manual Integrations
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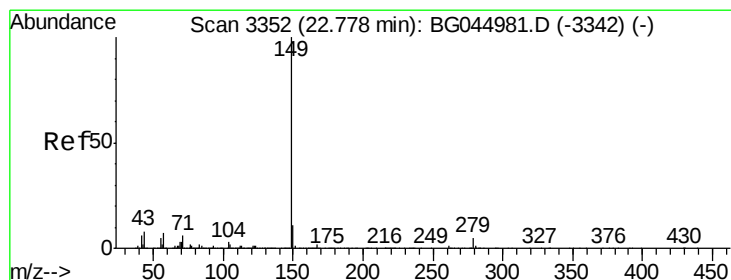
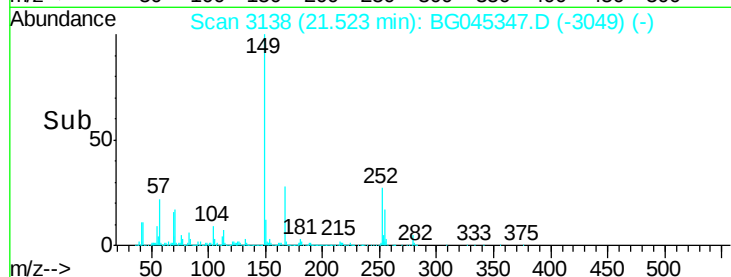
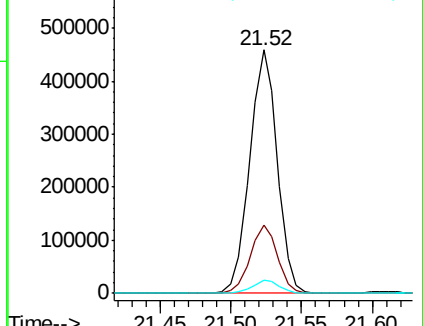
5/14/2020 11:54:03 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 38.540 ng

RT: 22.72 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BG045347.D

Acq: 13 May 2020 4:23

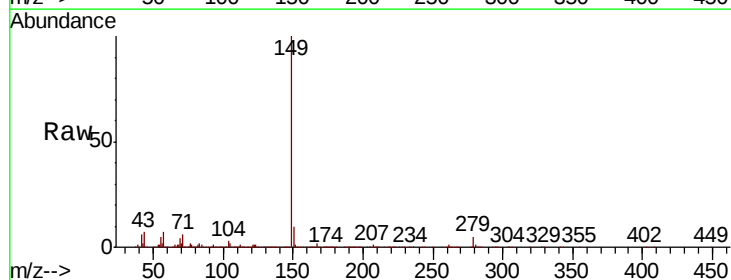
Tgt Ion:149 Resp: 1068809

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

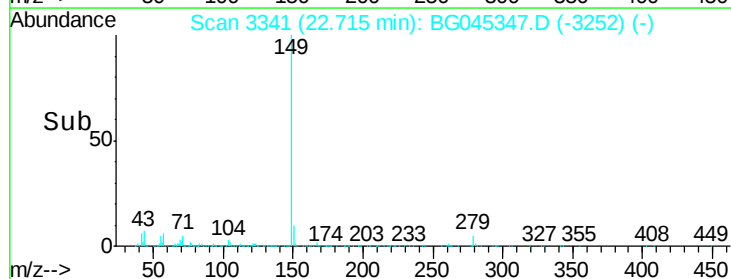
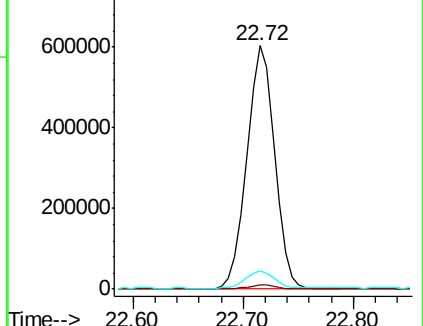
43 7.3 5.7 8.5

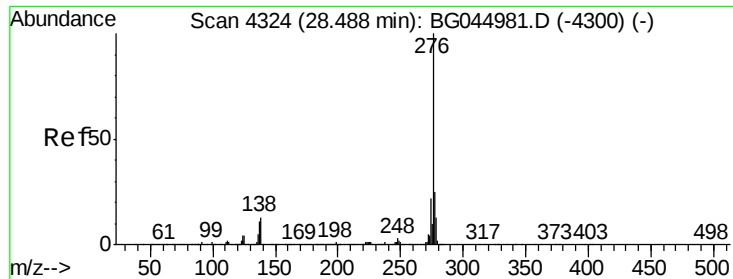


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





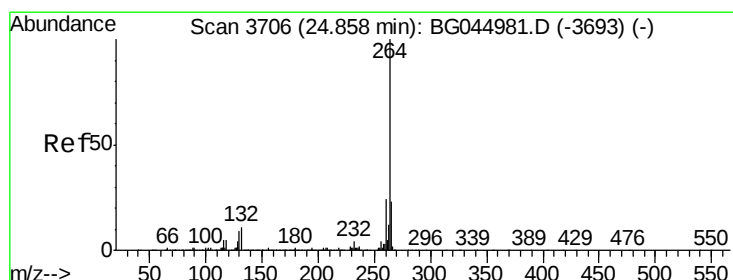
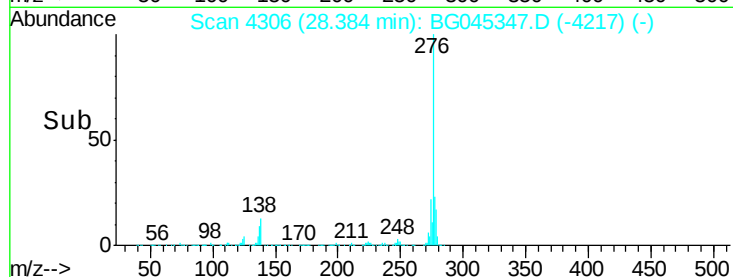
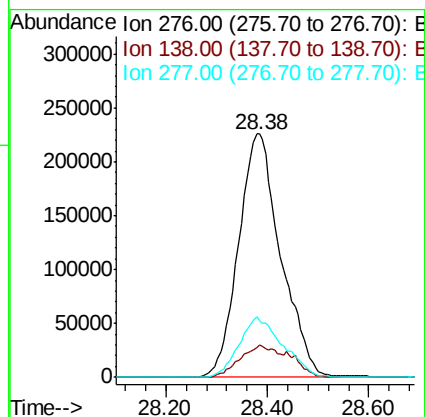
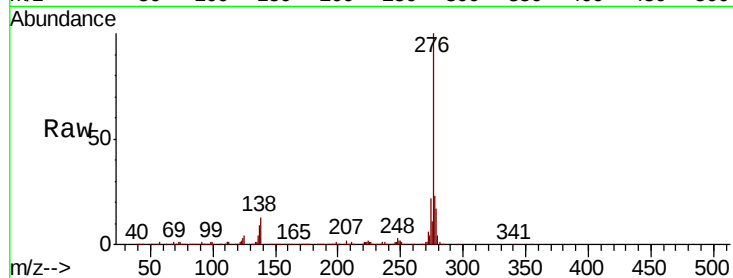
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.602 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.8	9.6	14.4#
277	25.7	20.6	31.0

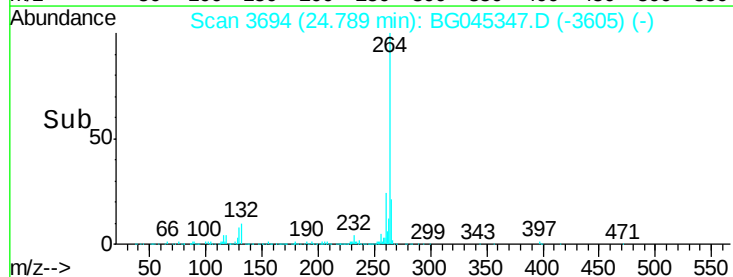
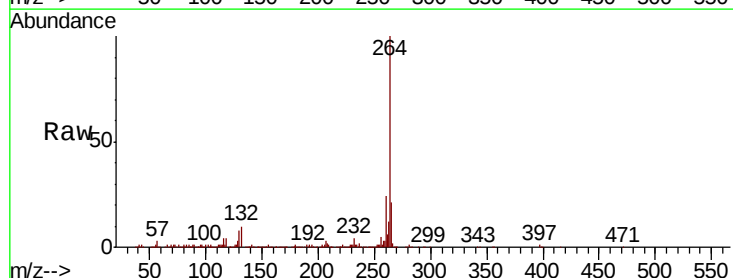
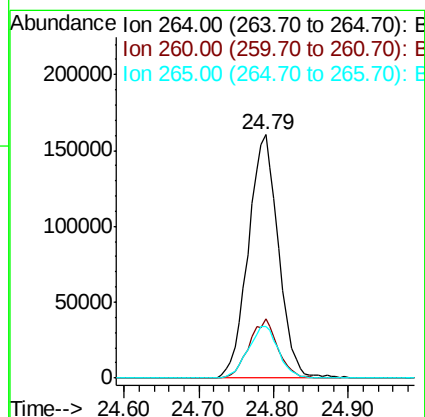
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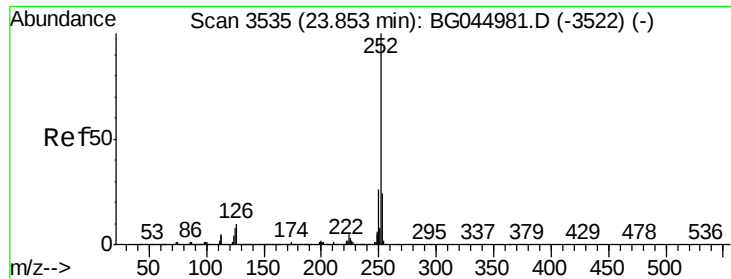
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	19.0	28.4





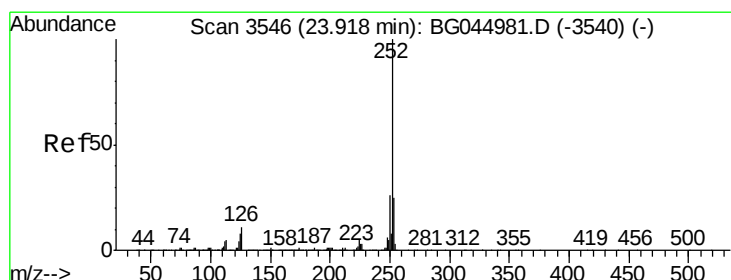
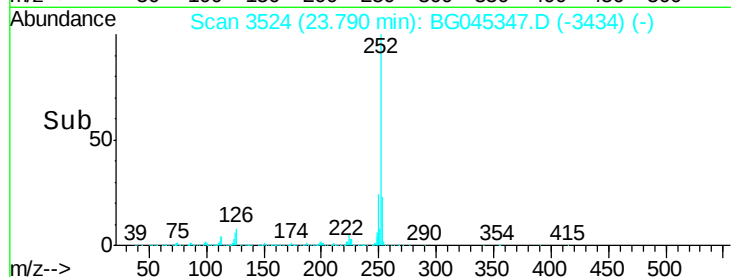
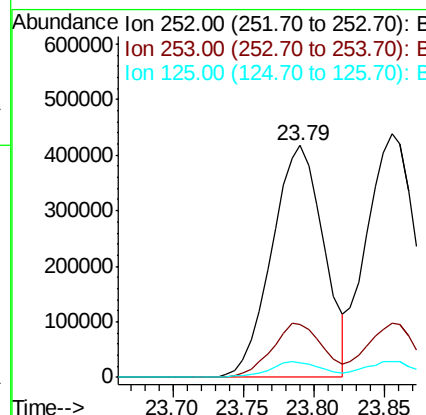
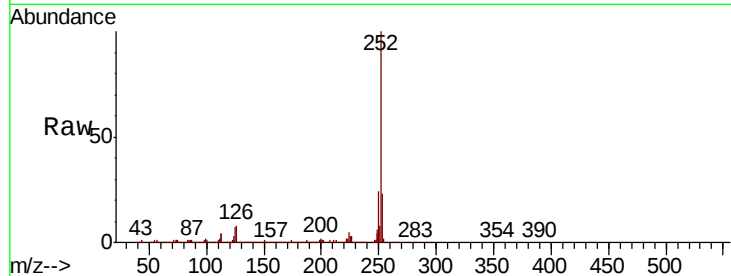
#88
Benzo(b)fluoranthene
Concen: 38.114 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.8	28.2
125	6.5	6.2	9.4

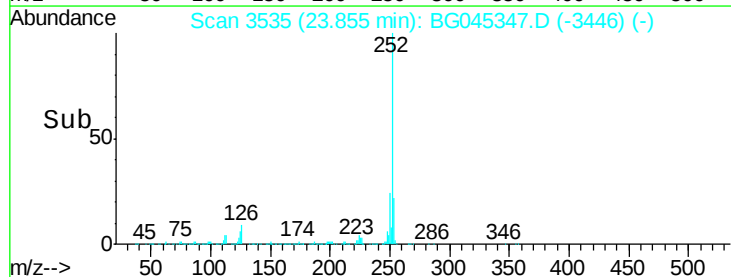
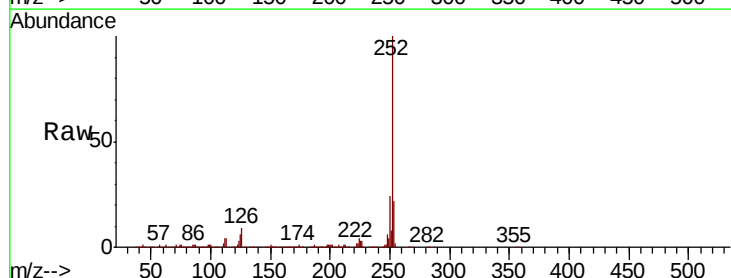
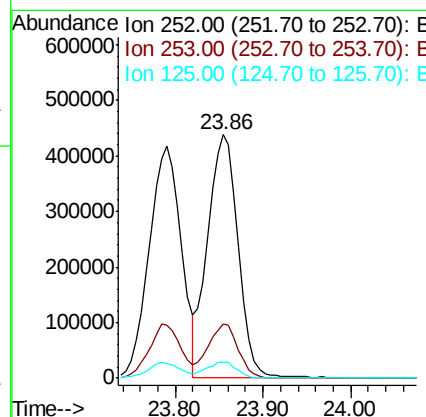
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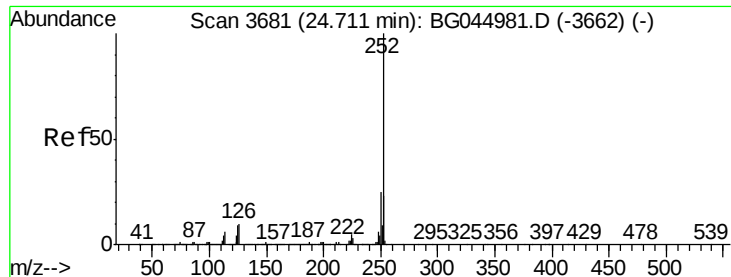
mohammad
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#89
Benzo(k)fluoranthene
Concen: 39.677 ng
RT: 23.86 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	6.4	5.9	8.9





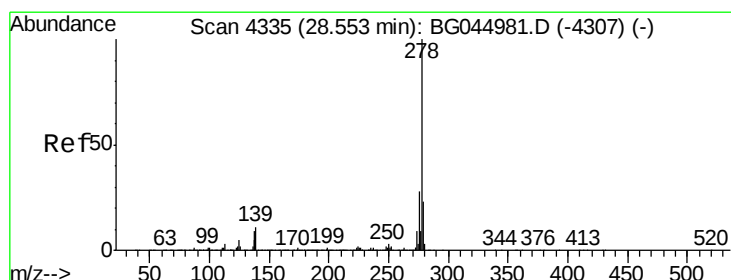
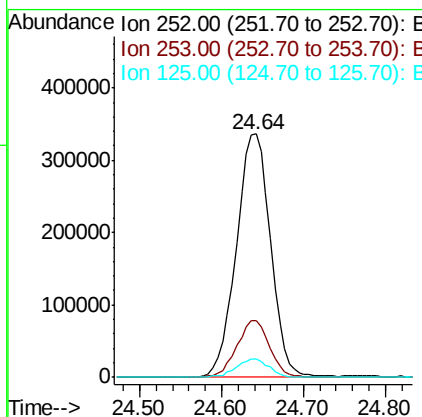
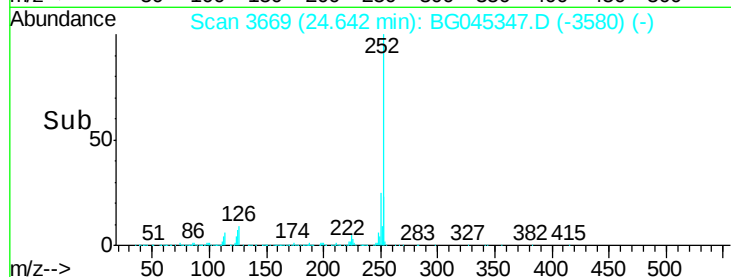
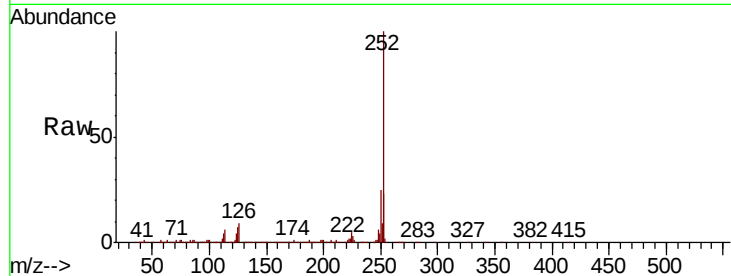
#90
Benzo(a)pyrene
Concen: 36.886 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	7.3	7.0	10.6

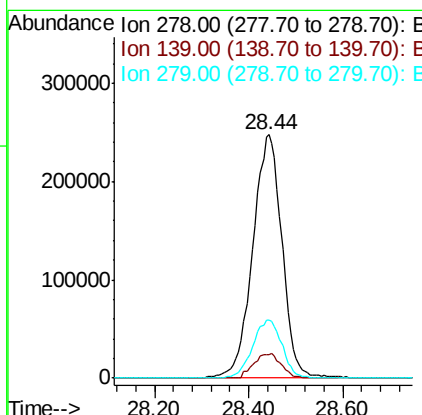
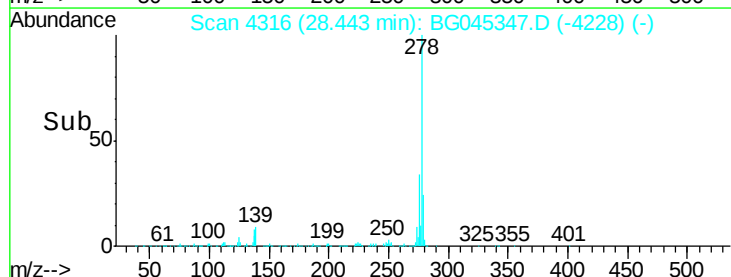
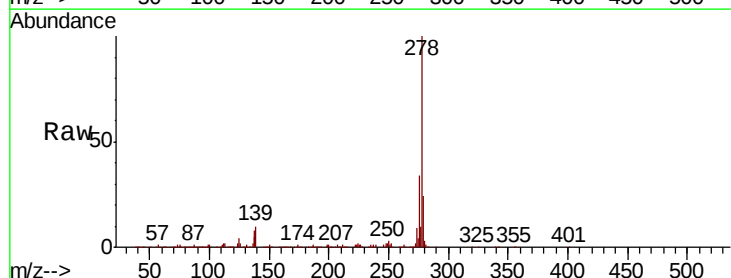
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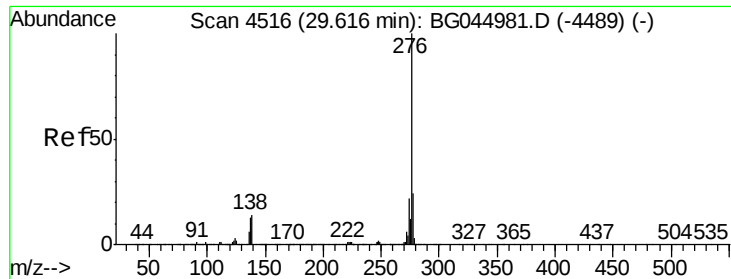
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 40.138 ng
RT: 28.44 min Scan# 4316
Delta R.T. -0.01 min
Lab File: BG045347.D
Acq: 13 May 2020 4:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.0	13.6
279	23.8	18.4	27.6





#92
 Benzo(a,h,i)perylene
 Concen: 40.568 ng
 RT: 29.49 min Scan# 4495
 Delta R.T. -0.02 min
 Lab File: BG045347.D
 Acq: 13 May 2020 4:23

Instrument :
 BNA_G
 ClientSampleId :
 CHASSIE-WASHMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.3	28.9
138	11.8	11.4	17.2

Manual Integrations
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