

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
 Data File : BG045090.D
 Acq On : 20 Apr 2020 11:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 4/21/2020 2:53:32 PM

Quant Time: Apr 20 12:00:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 11:57:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	95250	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	412986	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	334723	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	790531	20.00	ng	0.00
76) Chrysene-d12	21.67	240	678197	20.00	ng	0.00
87) Perylene-d12	24.86	264	751046	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	414726	71.88	ng	0.00
7) Phenol-d6	7.20	99	667398	77.86	ng	0.00
23) Nitrobenzene-d5	9.19	82	683959	75.57	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	395916	76.56	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1637423	71.73	ng	0.00
79) Terphenyl-d14	20.02	244	2454152	78.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	83257	32.471	ng	99
3) Pyridine	3.89	79	273366	34.627	ng	98
4) n-Nitrosodimethylamine	3.80	42	94153	38.932	ng	# 91
6) Aniline	7.35	93	423584	38.006	ng	98
8) 2-Chlorophenol	7.59	128	234906	37.885	ng	99
9) Benzaldehyde	7.16	77	188164	38.532	ng	97
10) Phenol	7.22	94	329152	38.373	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	249098	36.474	ng	99
12) 1,3-Dichlorobenzene	7.92	146	266702	36.502	ng	97
13) 1,4-Dichlorobenzene	8.06	146	265527	36.471	ng	97
14) 1,2-Dichlorobenzene	8.38	146	261717	37.575	ng	95
15) Benzyl Alcohol	8.26	79	291331	40.537	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	239729	35.759	ng	96
17) 2-Methylphenol	8.48	107	261715	39.545	ng	93
18) Hexachloroethane	9.12	117	102063	37.290	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	242429	39.991	ng	99
20) 3+4-Methylphenols	8.81	107	363770	39.269	ng	98
22) Acetophenone	8.85	105	415083	37.167	ng	# 98
24) Nitrobenzene	9.23	77	352977	38.046	ng	97
25) Isophorone	9.76	82	716499	38.656	ng	99
26) 2-Nitrophenol	9.94	139	161028	40.294	ng	95
27) 2,4-Dimethylphenol	10.01	122	240269	37.891	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	360693	37.037	ng	98
29) 2,4-Dichlorophenol	10.48	162	282466	38.579	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	313402	37.805	ng	96
31) Naphthalene	10.88	128	850905	37.664	ng	98
32) Benzoic acid	10.18	122	198134	39.917	ng	97
33) 4-Chloroaniline	10.99	127	404174	38.360	ng	98
34) Hexachlorobutadiene	11.18	225	216587	38.107	ng	98
35) Caprolactam	11.78	113	112820	38.716	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	344093	40.005	ng	96
37) 2-Methylnaphthalene	12.49	142	681703	38.875	ng	97
38) 1-Methylnaphthalene	12.71	142	636502	38.449	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	379390	35.203	ng	99

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 SSTDC0040

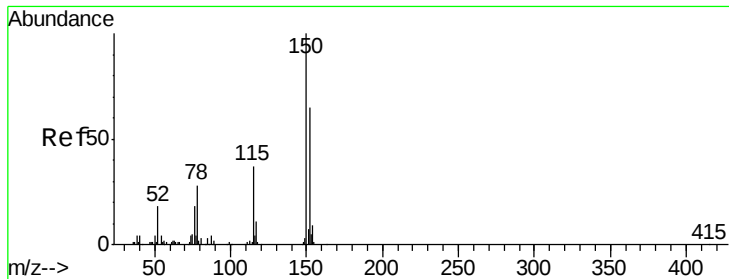
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	320854	47.633	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	286773	37.703	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	320043	36.966	nq	99
46) 1,1'-Biphenyl	13.50	154	914908	35.962	nq	99
47) 2-Chloronaphthalene	13.54	162	704031	36.216	nq	99
48) 2-Nitroaniline	13.74	65	242606	37.931	nq	99
49) Acenaphthylene	14.38	152	1146241	36.199	nq	98
50) Dimethylphthalate	14.11	163	998489	36.636	nq	97
51) 2,6-Dinitrotoluene	14.23	165	230835	37.866	nq	99
52) Acenaphthene	14.73	154	819392m	38.246	nq	
53) 3-Nitroaniline	14.56	138	245760	36.758	nq	99
54) 2,4-Dinitrophenol	14.77	184	183078	50.505	nq	96
55) Dibenzofuran	15.06	168	1127536	36.099	nq	96
56) 4-Nitrophenol	14.88	139	186922	36.057	nq	95
57) 2,4-Dinitrotoluene	15.02	165	329972	37.039	nq	97
58) Fluorene	15.71	166	938296	36.777	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	293329	38.077	nq	98
60) Diethylphthalate	15.48	149	1044929	36.773	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	555242	37.810	nq	99
62) 4-Nitroaniline	15.73	138	248637	35.854	nq	93
63) Azobenzene	15.99	77	956939	36.527	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	206702	39.779	nq	98
66) n-Nitrosodiphenylamine	15.92	169	843534	37.138	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	387136	37.960	nq	97
68) Hexachlorobenzene	16.72	284	404026	38.198	nq	97
69) Atrazine	16.86	200	293884	34.343	nq	98
70) Pentachlorophenol	17.06	266	227528	35.066	nq	98
71) Phenanthrene	17.45	178	1489804	36.674	nq	98
72) Anthracene	17.55	178	1504276	36.915	nq	99
73) Carbazole	17.81	167	1435510	34.714	nq	99
74) Di-n-butylphthalate	18.37	149	1663189	35.692	nq	98
75) Fluoranthene	19.45	202	1731399	34.873	nq	98
77) Benzidine	19.63	184	743619	36.767	nq	98
78) Pyrene	19.82	202	1741541	37.248	nq	99
80) Butylbenzylphthalate	20.71	149	732467	37.794	nq	97
81) Benzo(a)anthracene	21.65	228	1665335	37.886	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	679377	38.831	nq	99
83) Chrysene	21.72	228	1568027	37.127	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	993507	37.273	nq	99
85) Di-n-octyl phthalate	22.78	149	1693391	36.738	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	2083570	37.157	nq	99
88) Benzo(b)fluoranthene	23.85	252	1737267	36.928	nq	98
89) Benzo(k)fluoranthene	23.92	252	1686789	37.702	nq	99
90) Benzo(a)pyrene	24.72	252	1668944	37.574	nq	99
91) Dibenzo(a,h)anthracene	28.57	278	1697100	37.918	nq	98
92) Benzo(g,h,i)perylene	29.63	276	1669940	37.216	nq	97

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



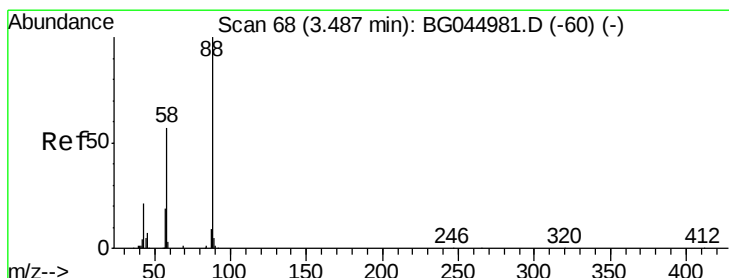
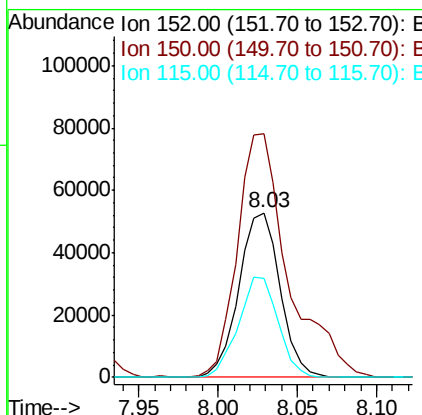
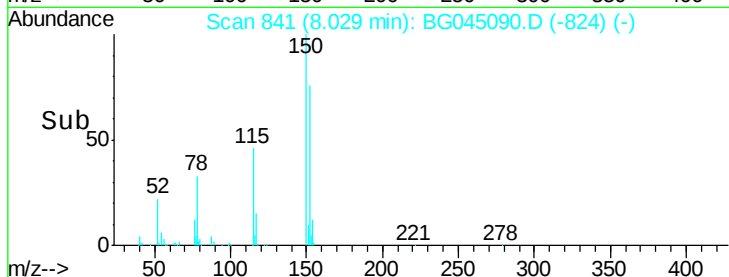
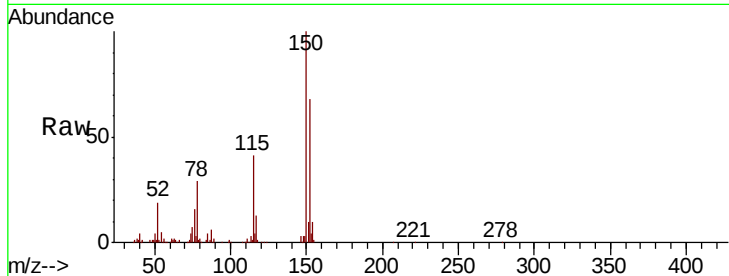
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	152	Resp:	95250
Ion Ratio	Lower	Upper	
152	100		
150	148.1	123.6	185.4
115	60.1	49.1	73.7

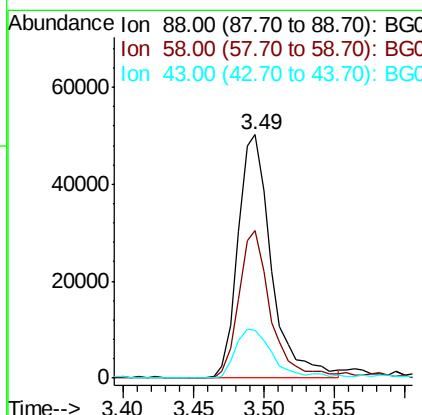
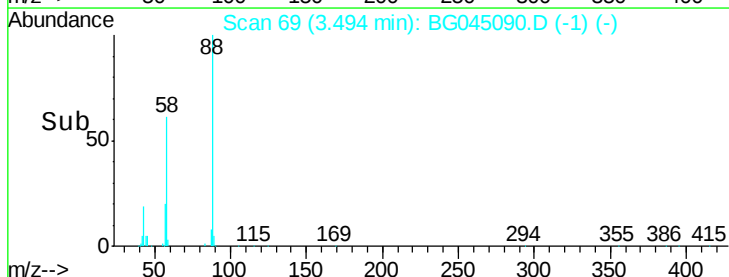
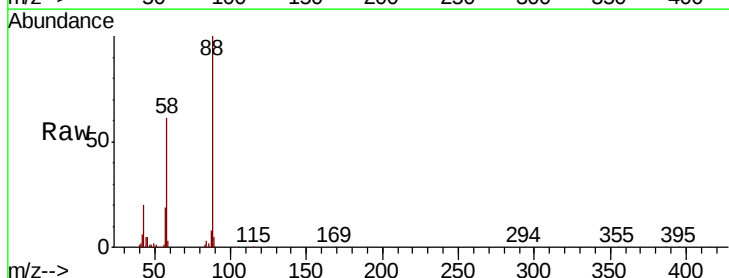
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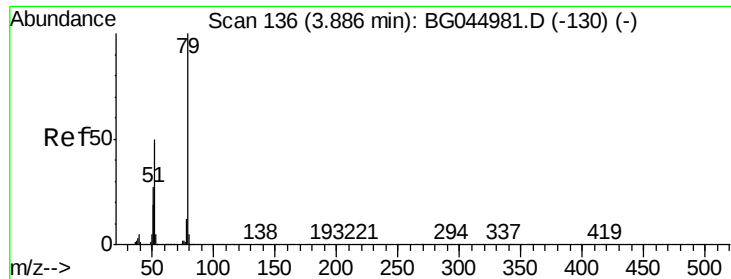
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#2
 1,4-Dioxane
 Concen: 32.471 ng
 RT: 3.49 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Tgt Ion:	88	Resp:	83257
Ion Ratio	Lower	Upper	
88	100		
58	58.7	46.6	69.8
43	22.7	17.5	26.3





#3

Pvridine

Concen: 34.627 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

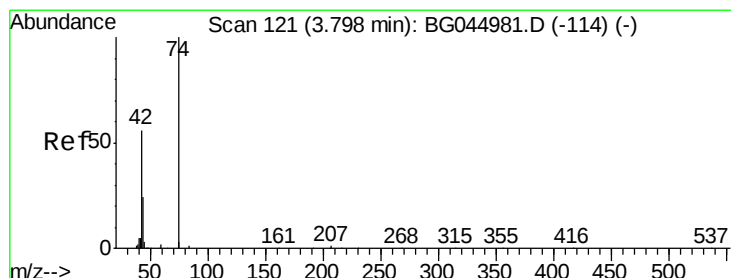
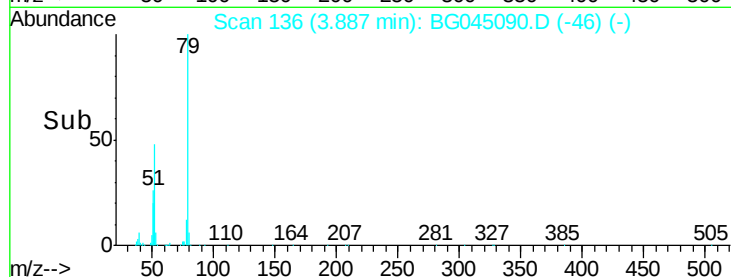
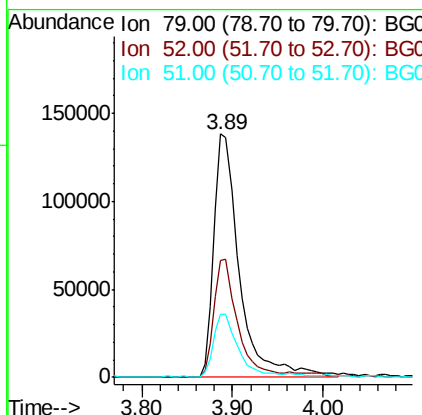
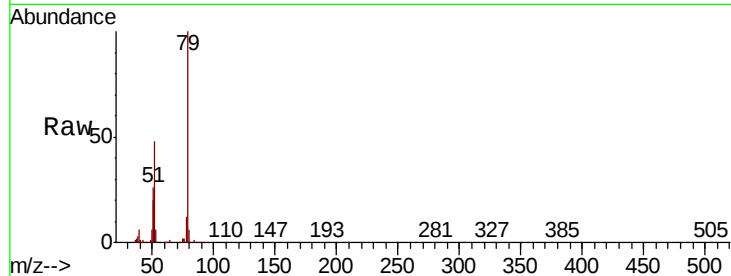
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	273366		
52	52	47.9		39.8	59.6
51	51	26.2		21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 38.932 ng

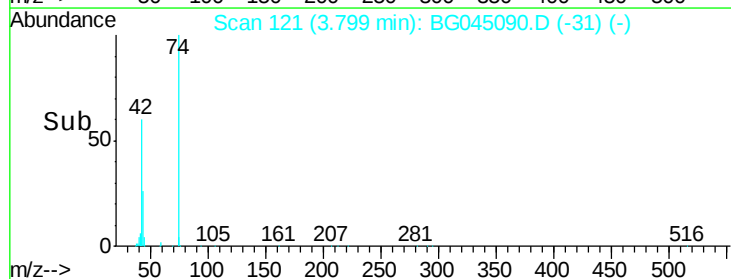
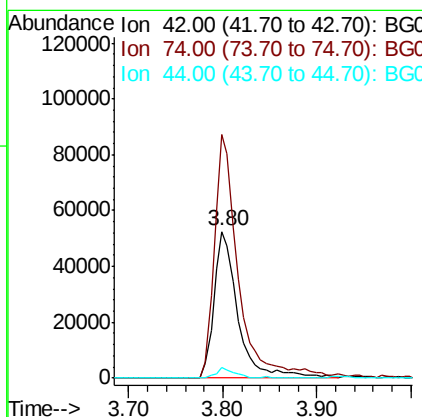
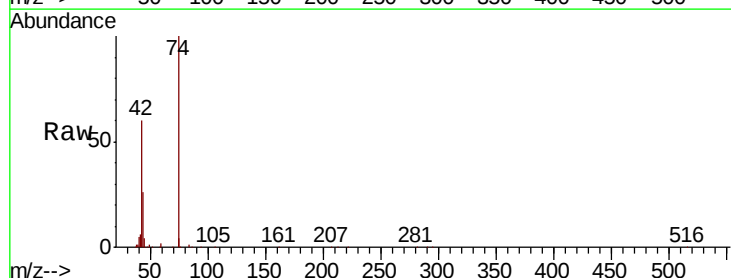
RT: 3.80 min Scan# 121

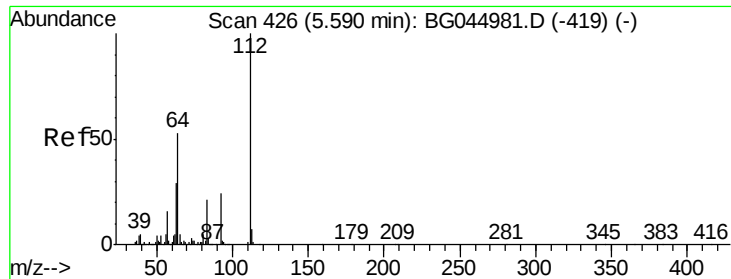
Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	94153		
74	74	165.7		143.0	214.6
44	44	6.9		4.6	6.8#





#5

2-Fluorophenol

Concen: 71.883 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

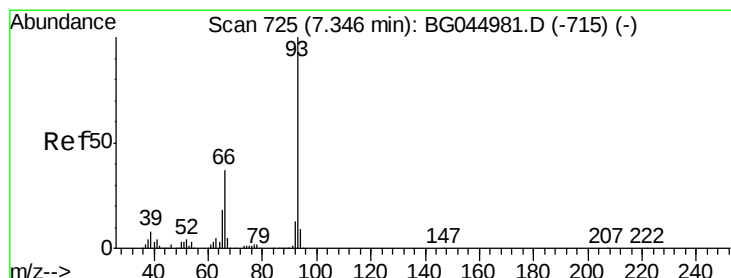
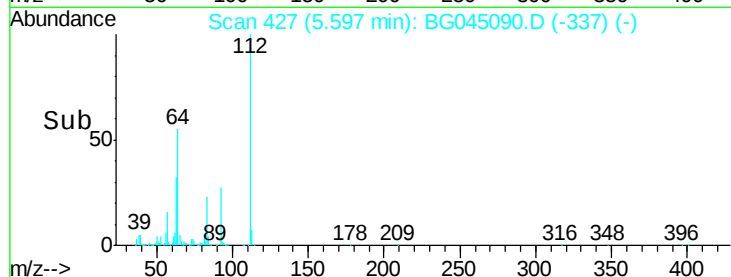
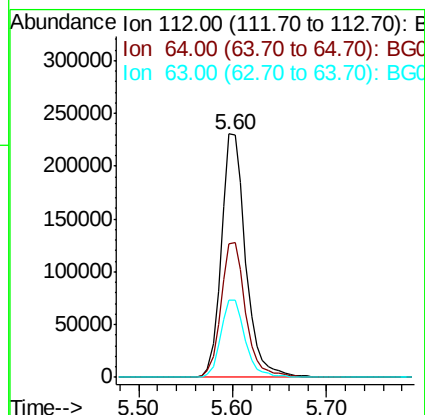
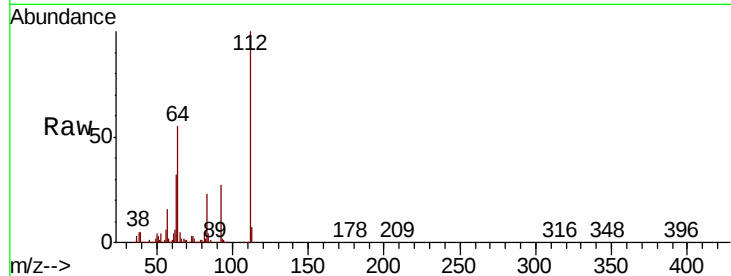
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	414726
Ion Ratio	Lower	Upper	
112	100		
64	54.7	42.4	63.6
63	31.9	23.1	34.7

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#6

Aniline

Concen: 38.006 ng

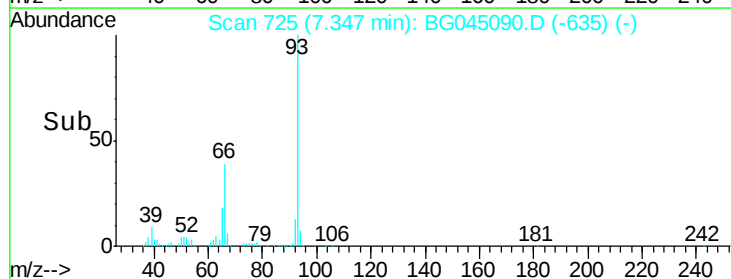
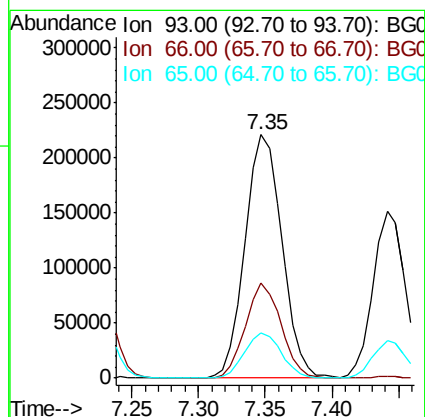
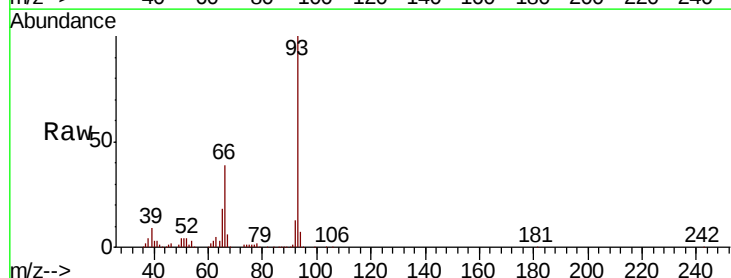
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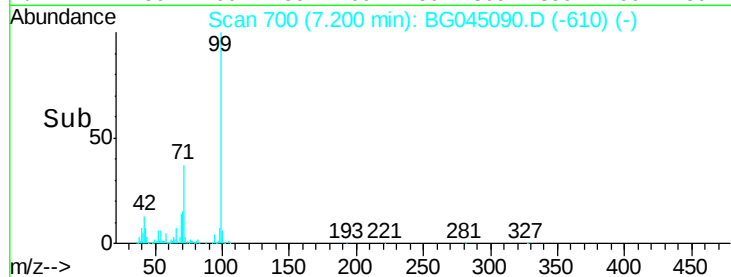
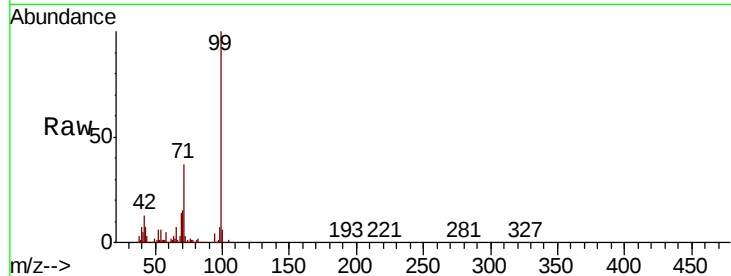
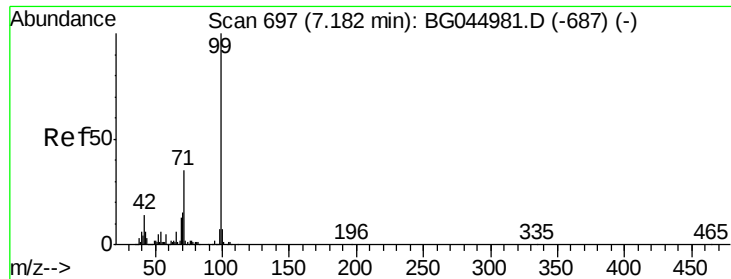
Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Tgt Ion:	93	Resp:	423584
Ion Ratio	Lower	Upper	
93	100		
66	39.2	29.8	44.8
65	18.4	14.6	22.0





#7

Phenol-d6

Concen: 77.859 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Tot Ion:	99	Resp:	667398
Ion Ratio	Lower	Upper	
99	100		
42	13.4	11.3	16.9
71	37.0	28.3	42.5

Instrument :

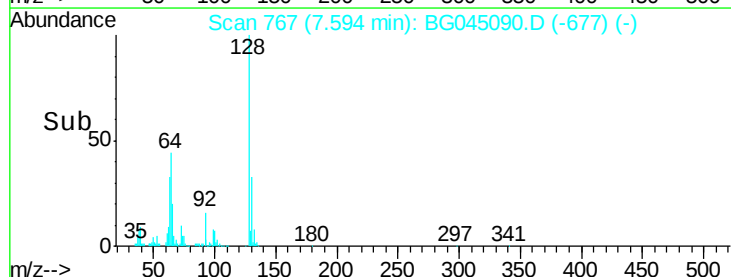
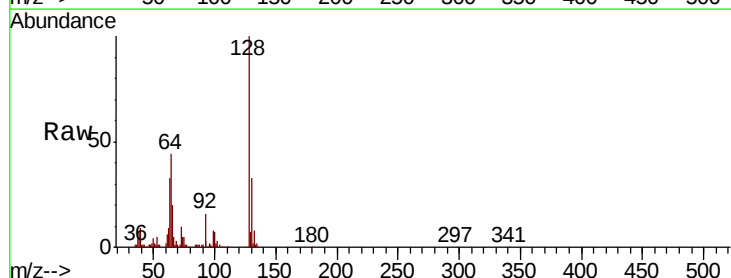
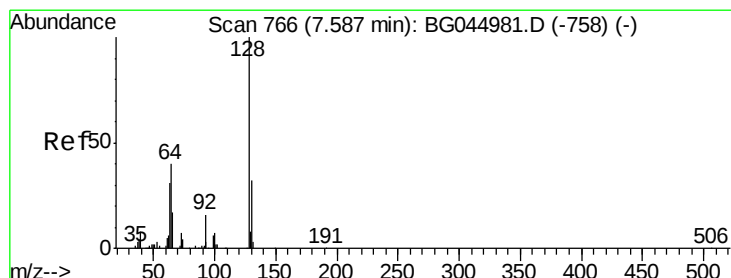
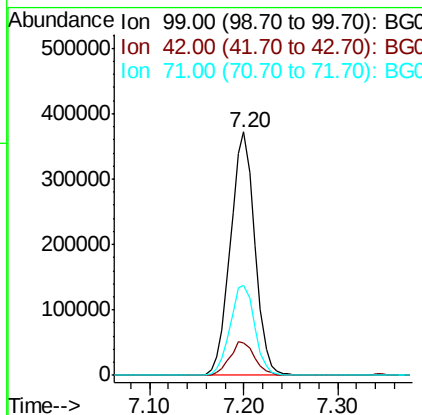
BNA_G

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 37.885 ng

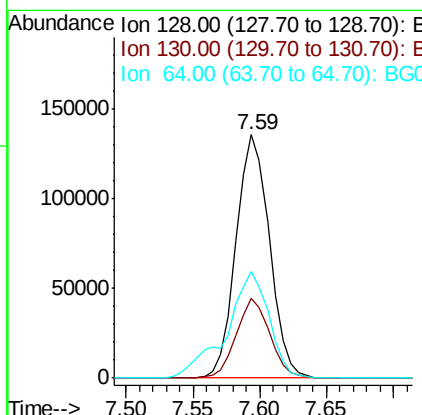
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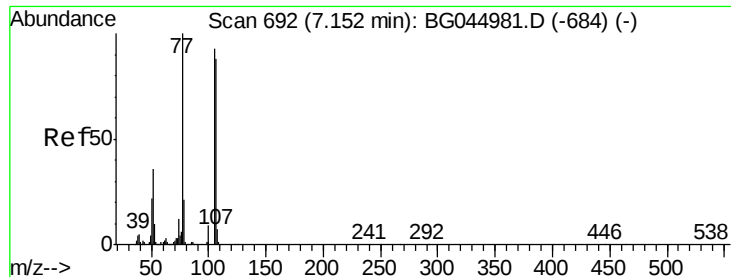
Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Tgt Ion:	128	Resp:	234906
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.3	52.3
64	43.9	24.4	64.4





#9

Benzaldehyde

Concen: 38.532 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

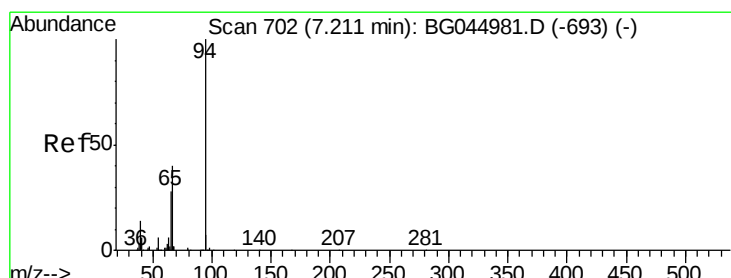
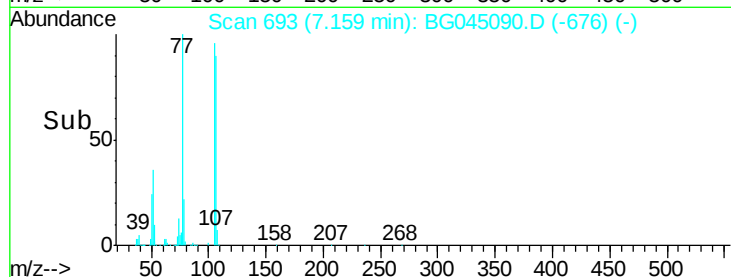
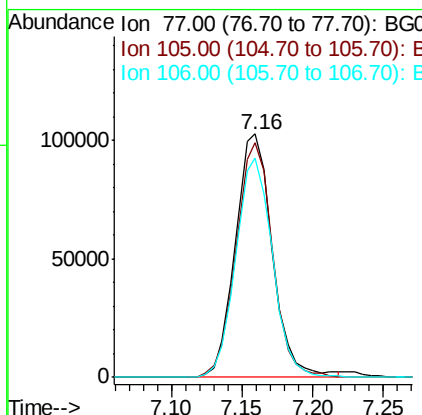
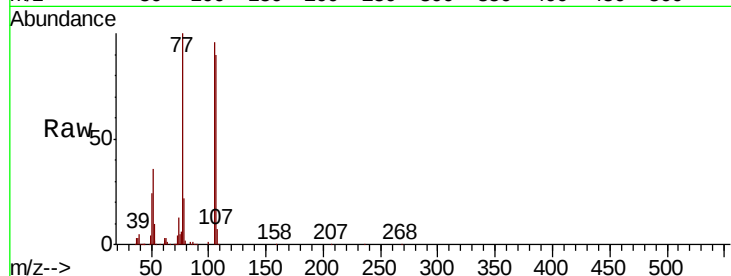
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	188164
Ion	Ratio	Lower	Upper
77	100		
105	96.3	72.9	112.9
106	90.0	67.6	107.6

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#10

Phenol

Concen: 38.373 ng

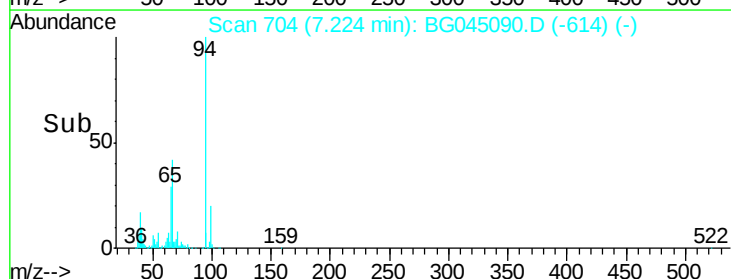
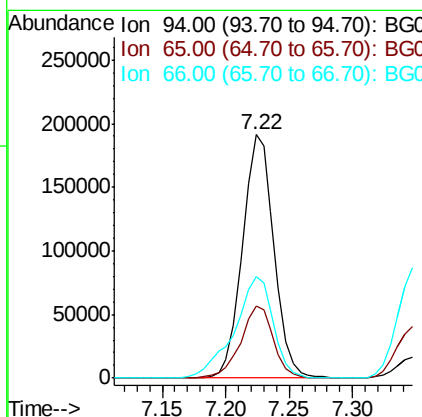
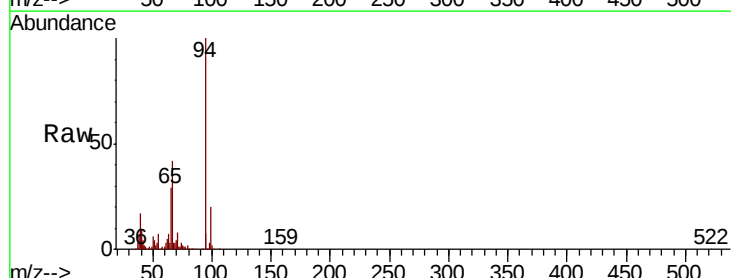
RT: 7.22 min Scan# 704

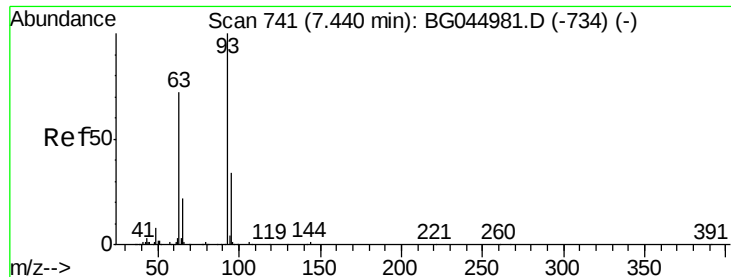
Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Tgt Ion:	94	Resp:	329152
Ion	Ratio	Lower	Upper
94	100		
65	29.4	8.2	48.2
66	41.9	20.4	60.4





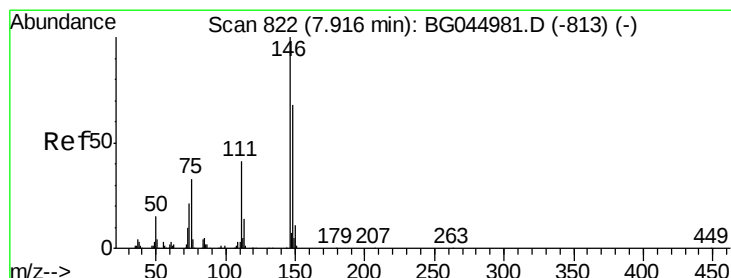
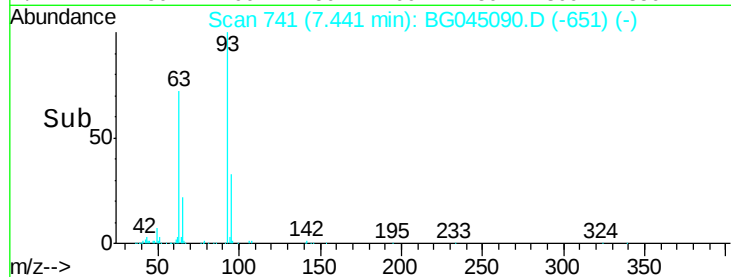
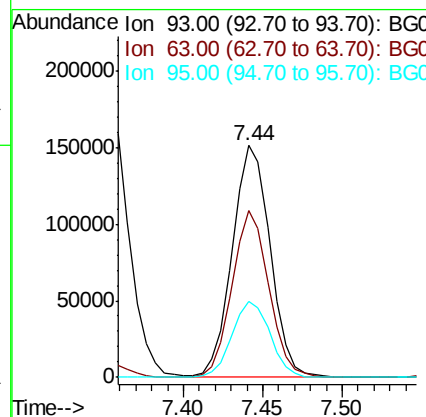
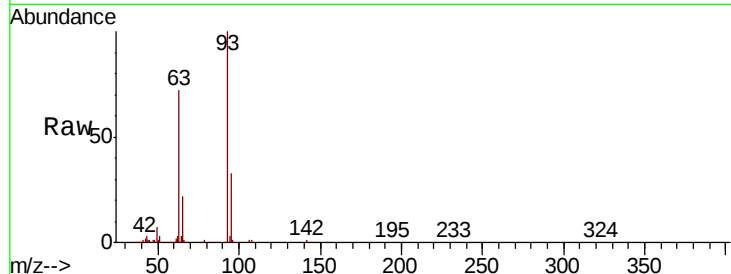
#11
bis(2-Chloroethyl)ether
Concen: 36.474 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	249098		
63	72.0		51.8	91.8
95	32.9		13.8	53.8

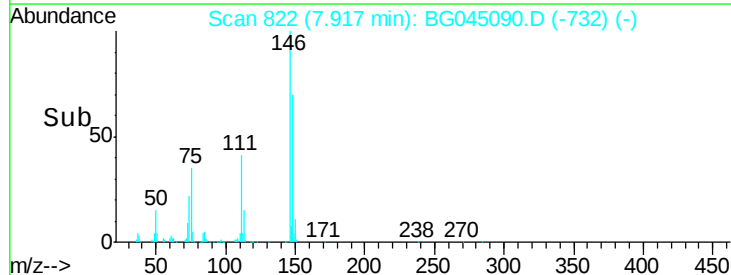
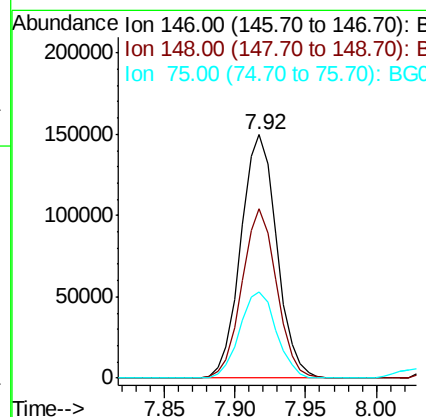
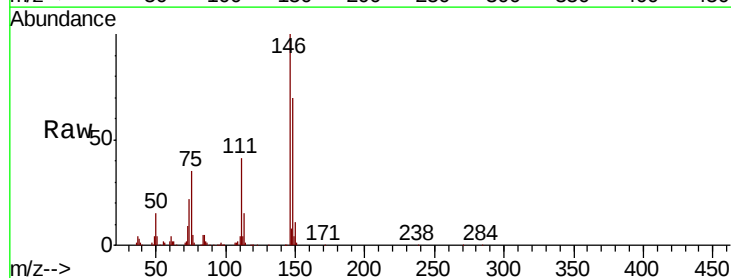
Manual Integrations
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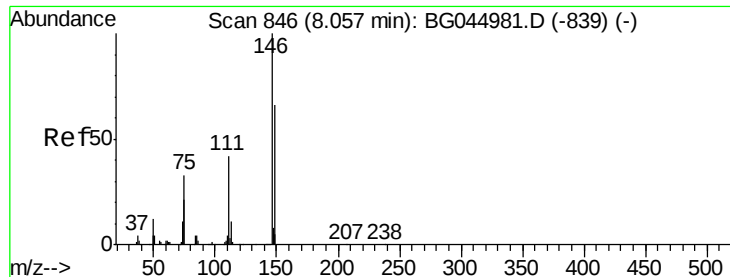
mohammad
4/21/2020 2:53:32 PM



#12
1,3-Dichlorobenzene
Concen: 36.502 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266702		
148	69.7		54.6	81.8
75	35.4		26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 36.471 ng

RT: 8.06 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

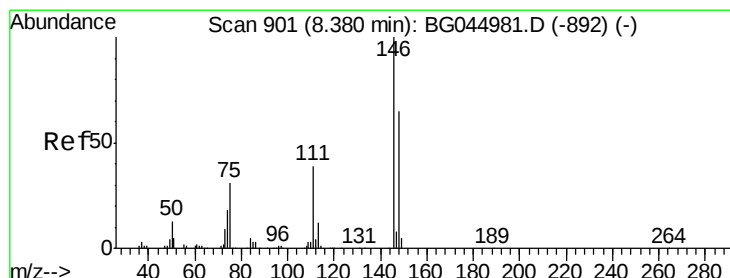
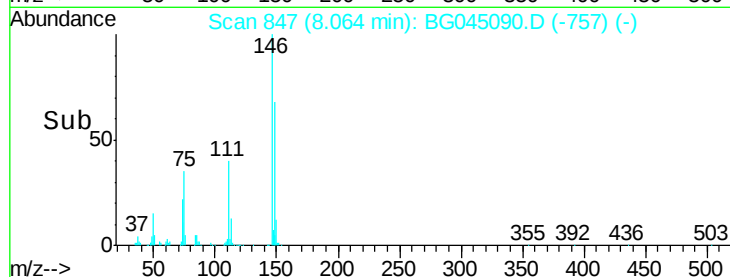
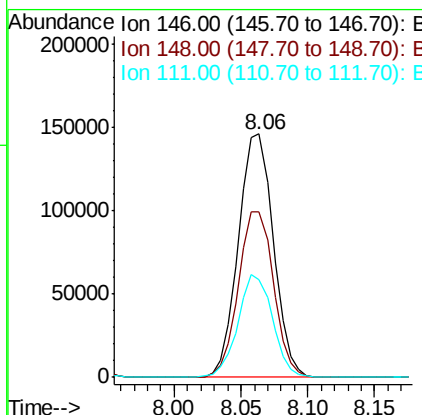
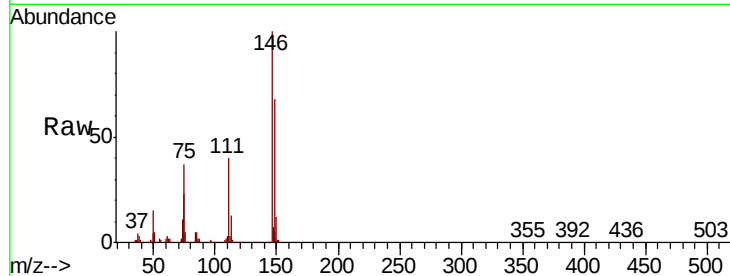
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	265527
Ion Ratio	Lower	Upper	
146	100		
148	68.2	53.3	79.9
111	40.1	33.8	50.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.575 ng

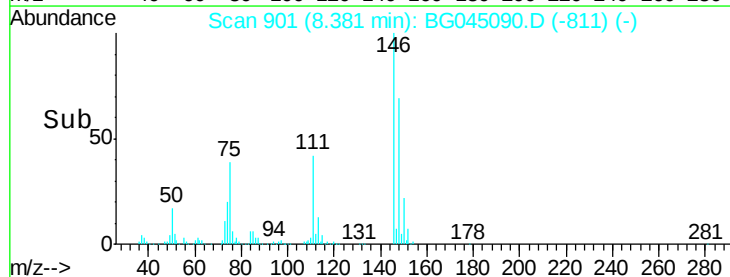
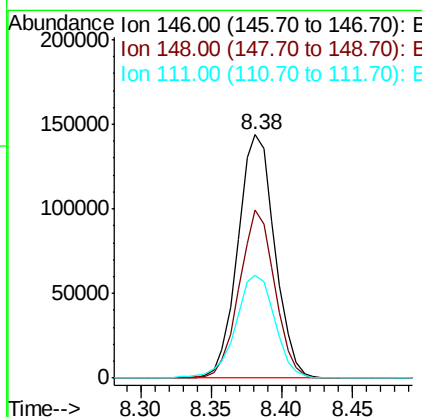
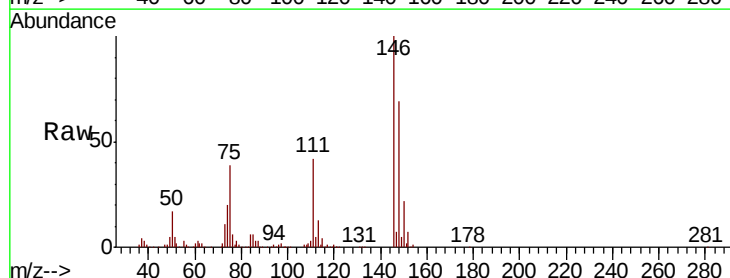
RT: 8.38 min Scan# 901

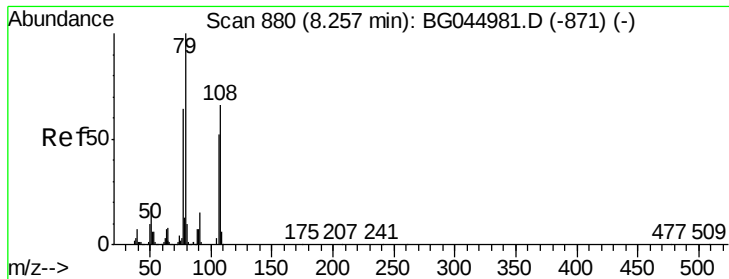
Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Tgt Ion:	146	Resp:	261717
Ion Ratio	Lower	Upper	
146	100		
148	68.9	51.9	77.9
111	42.4	31.3	46.9





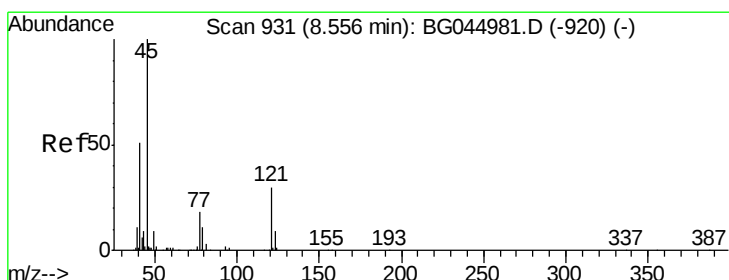
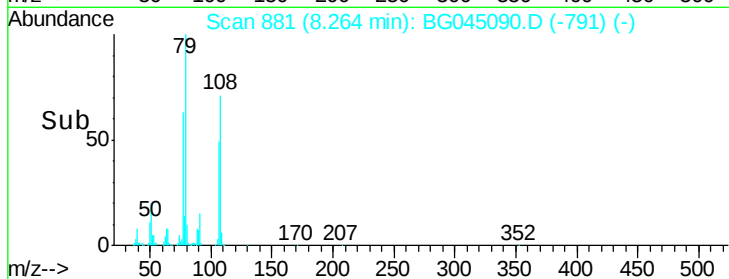
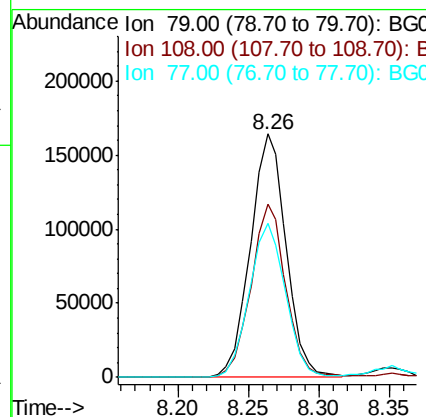
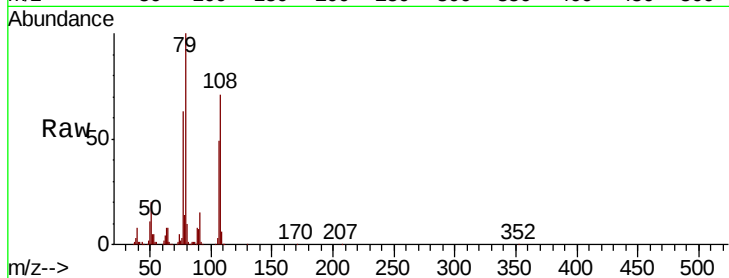
#15
Benzyl Alcohol
Concen: 40.537 ng
RT: 8.26 min Scan# 881
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.0	52.7	79.1
77	63.4	51.3	76.9

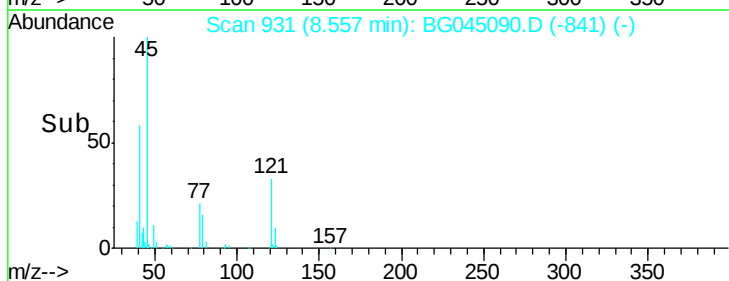
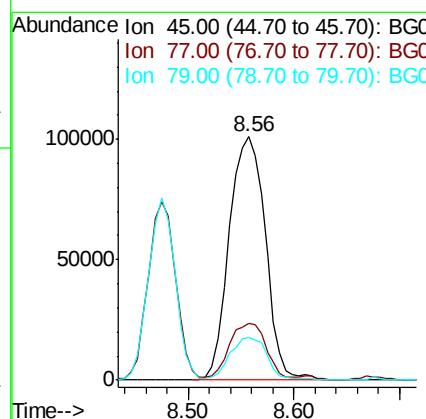
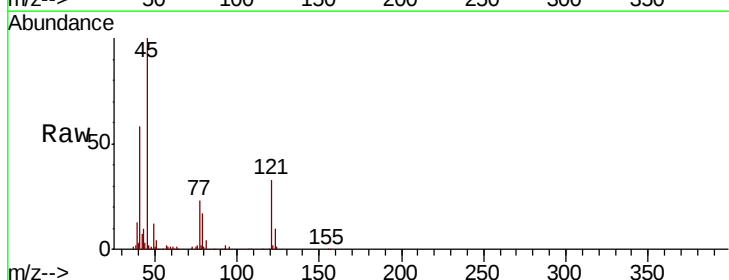
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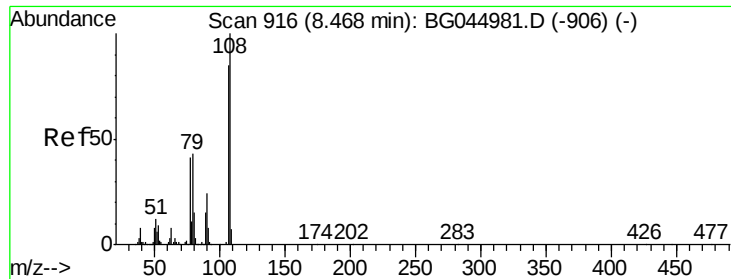
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.759 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.4	1.9	41.9
79	17.3	0.0	35.5





#17

2-Methylphenol

Concen: 39.545 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

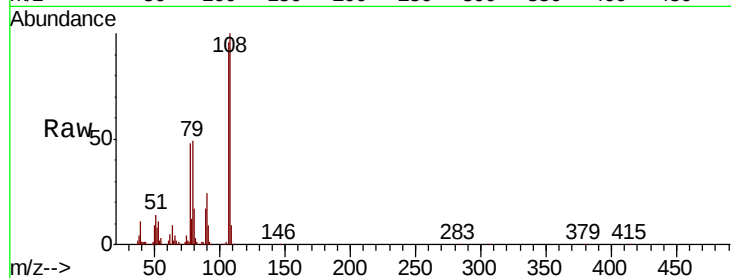
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	261715		
108	104.2	93.8	140.6	
77	49.9	38.5	57.7	
79	51.2	40.1	60.1	

Manual Integrations
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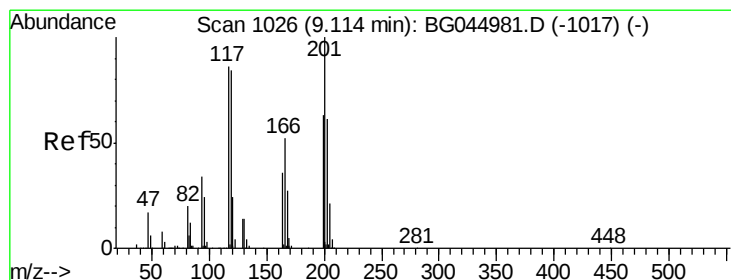
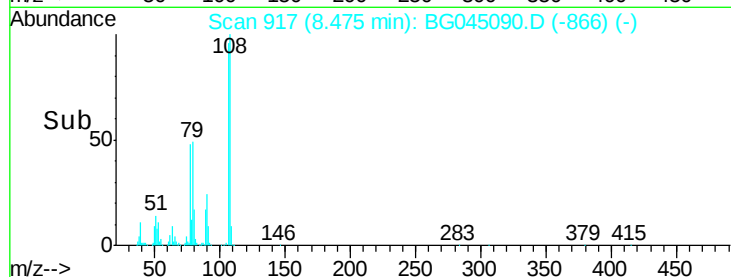
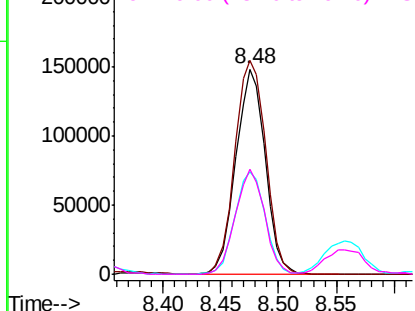
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.290 ng

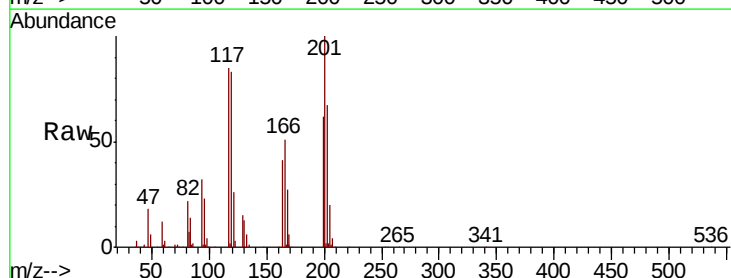
RT: 9.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	102063		
119	98.1	78.3	117.5	
201	117.8	92.9	139.3	

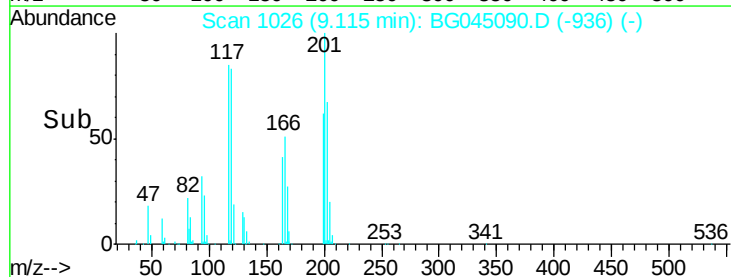
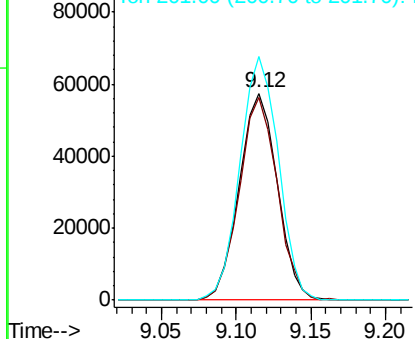


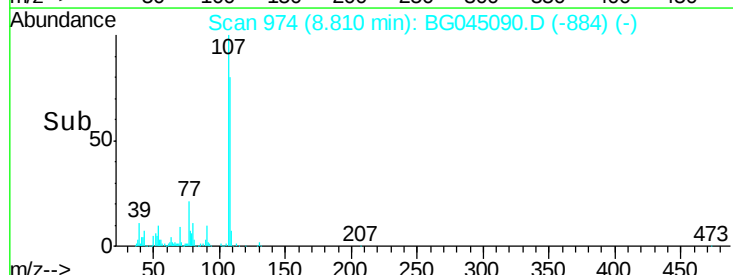
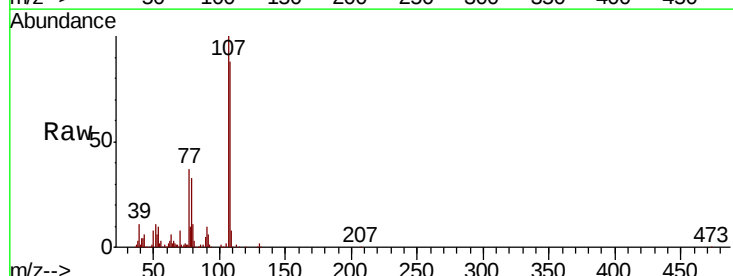
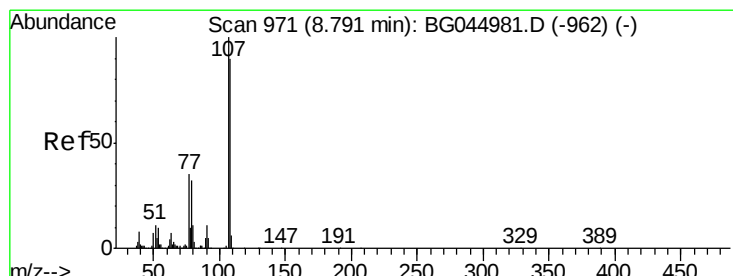
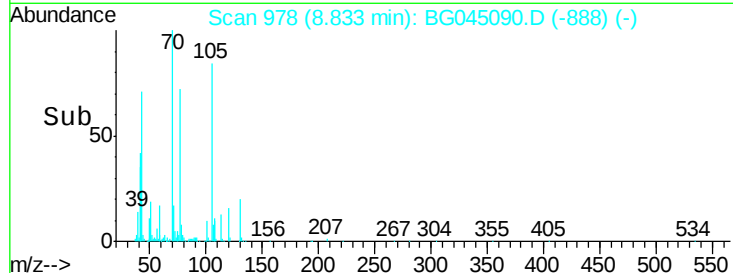
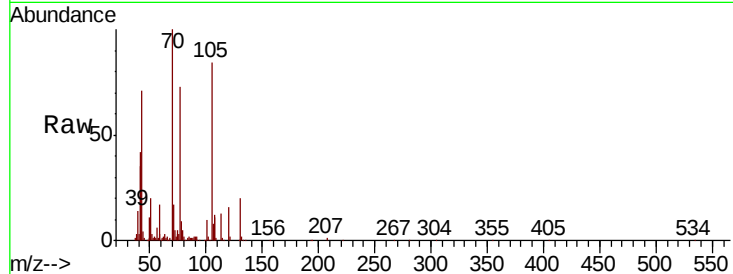
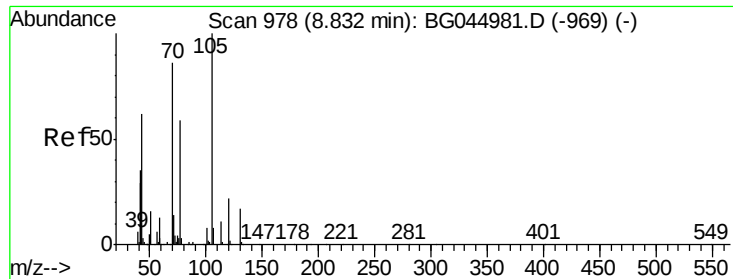
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

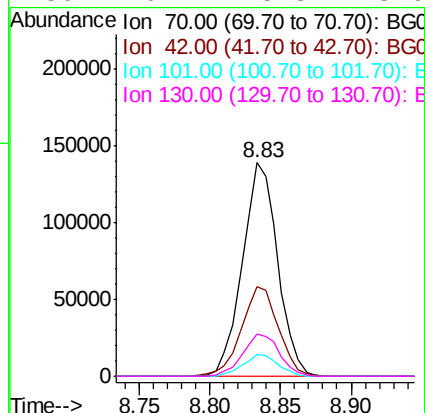
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 39.991 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	41.9	33.3	49.9	
101	10.1	7.8	11.8	
130	20.1	15.8	23.6	



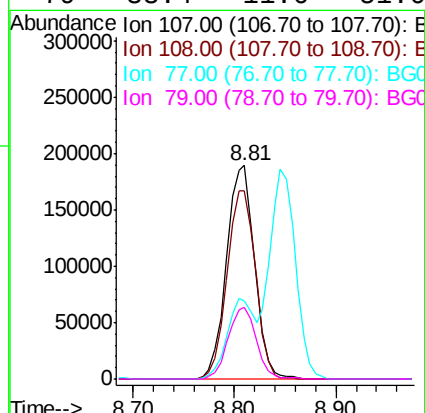
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

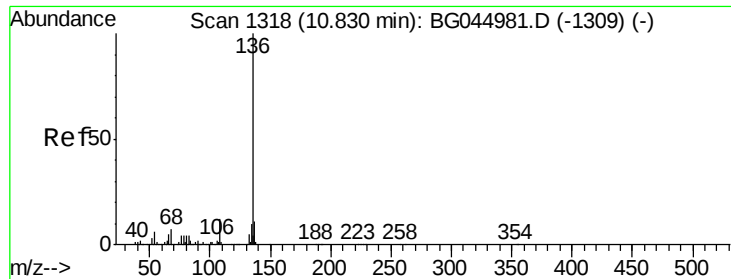
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#20
3+4-Methylphenols
Concen: 39.269 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	69.9	109.9	
77	36.7	15.2	55.2	
79	33.4	11.6	51.6	





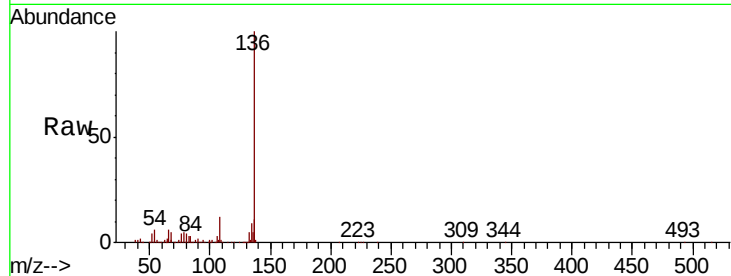
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

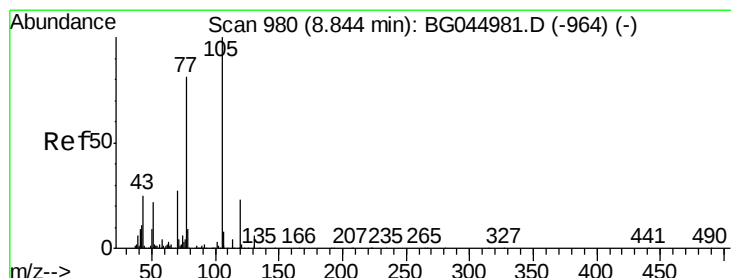
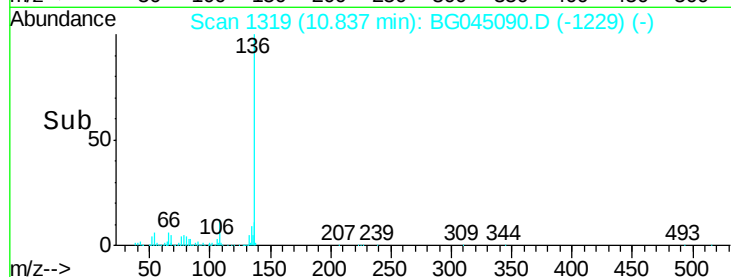
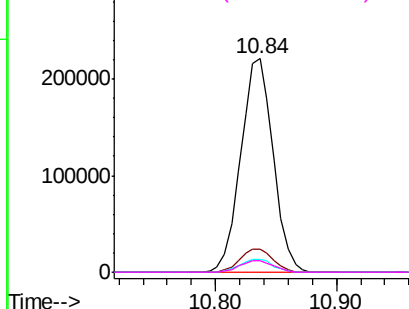
Tot Ion	Ratio	Resp	Lower	Upper
136	100	412986		
137	11.1	8.6	13.0	
54	6.0	4.8	7.2	
68	5.4	5.2	7.8	

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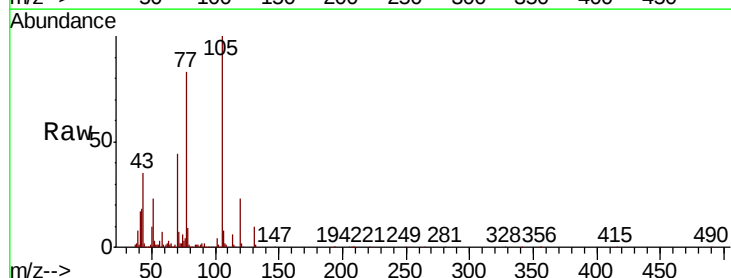


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

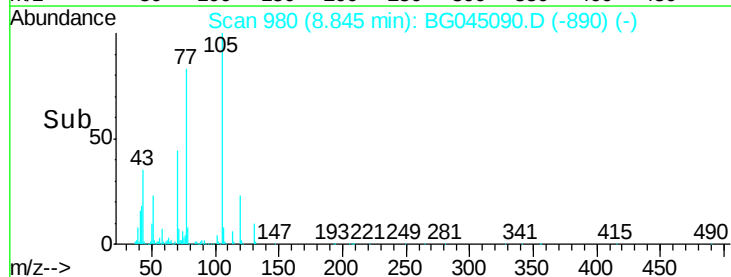
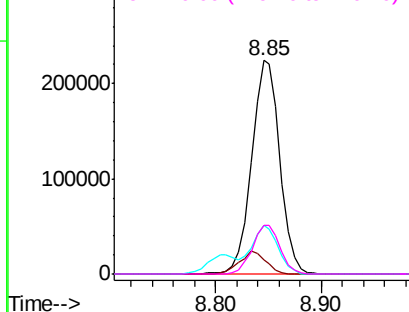


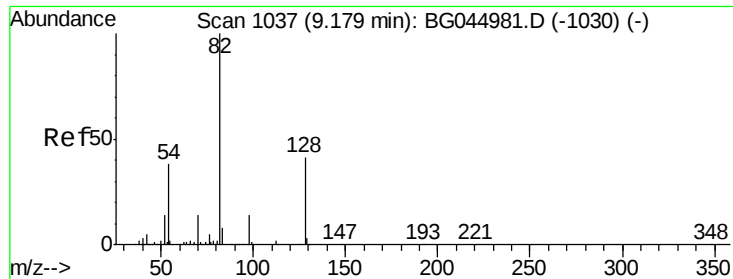
#22
Acetophenone
Concen: 37.167 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	415083		
71	6.8	3.3	4.9#	
51	22.8	17.3	25.9	
120	22.6	18.4	27.6	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





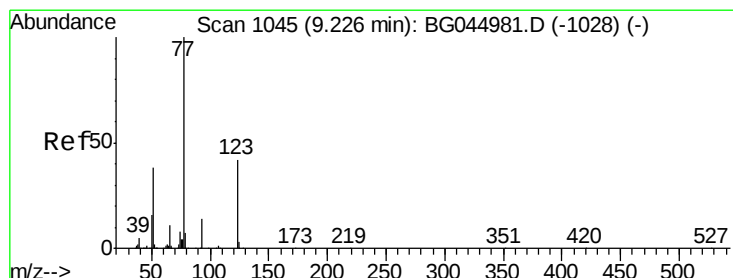
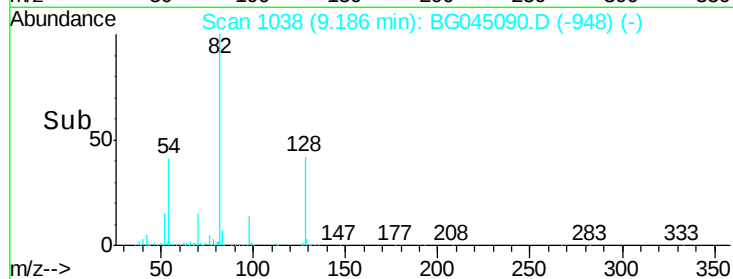
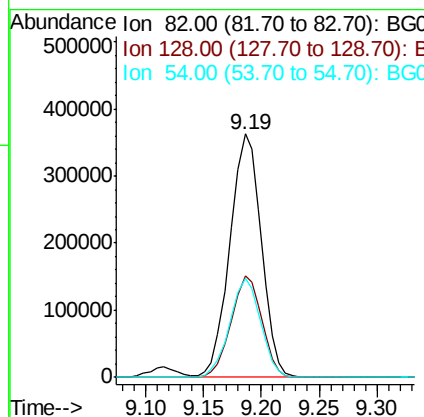
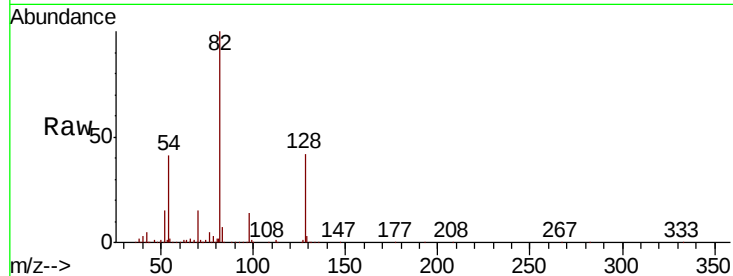
#23
 Nitrobenzene-d5
 Concen: 75.567 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.6	33.0	49.4	
54	40.8	30.4	45.6	

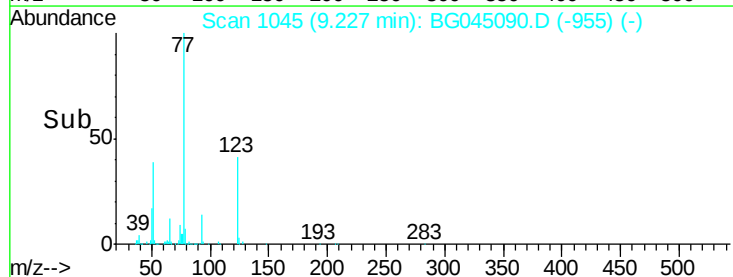
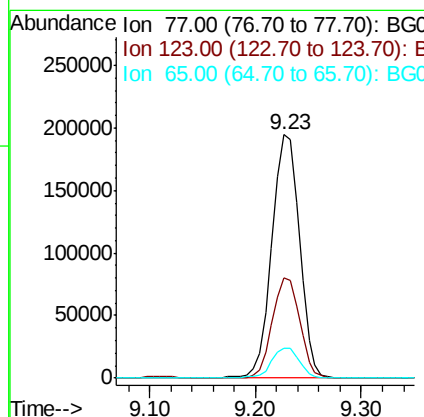
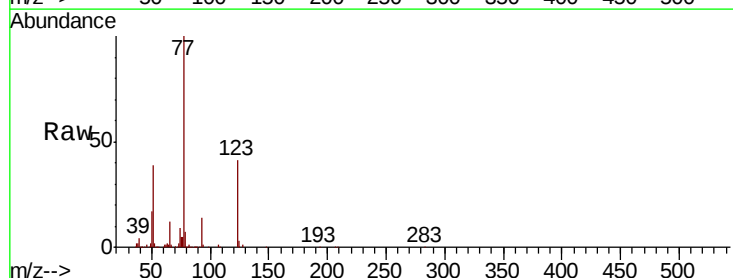
Manual Integrations
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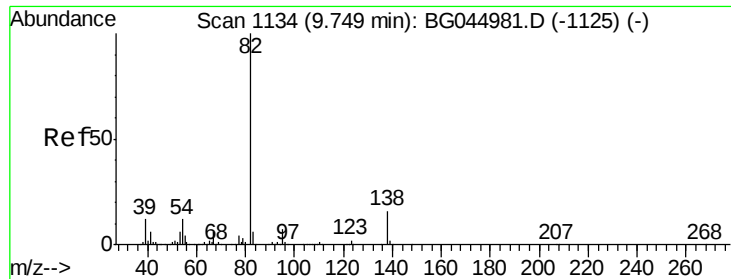
mohammad
 4/21/2020 2:53:32 PM



#24
 Nitrobenzene
 Concen: 38.046 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.0	34.3	51.5	
65	12.0	8.9	13.3	





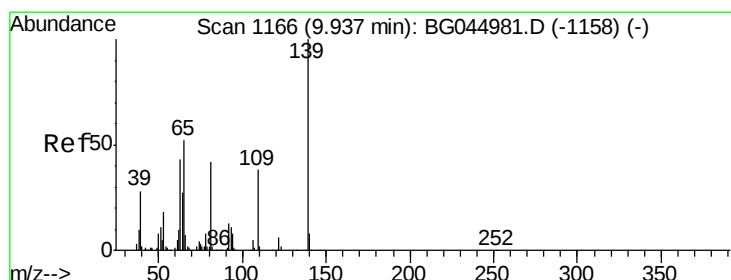
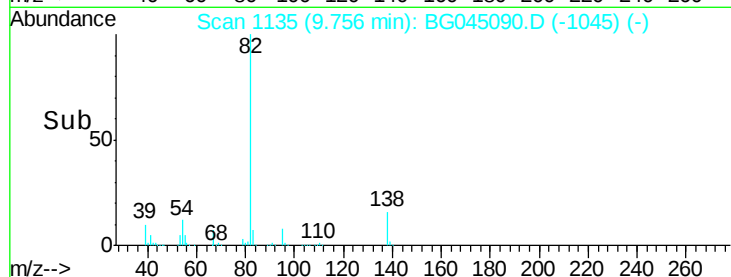
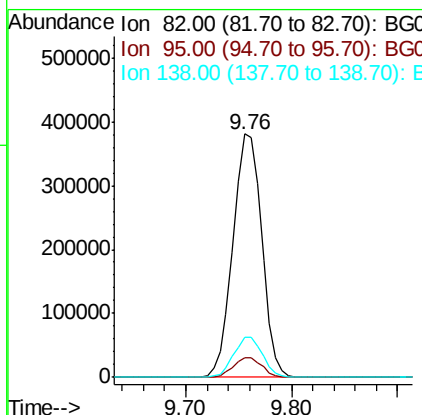
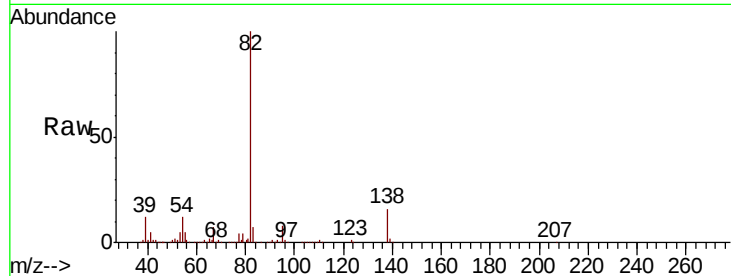
#25
Isophorone
Concen: 38.656 ng
RT: 9.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.0	9.0
138	16.3	12.7	19.1

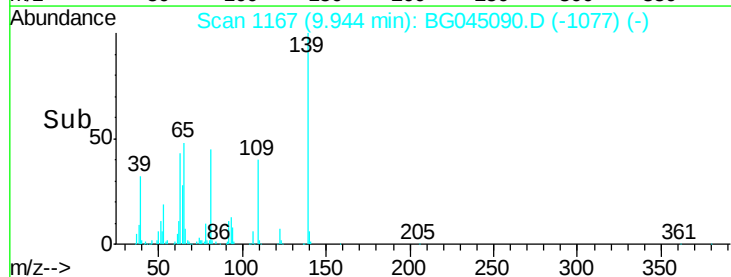
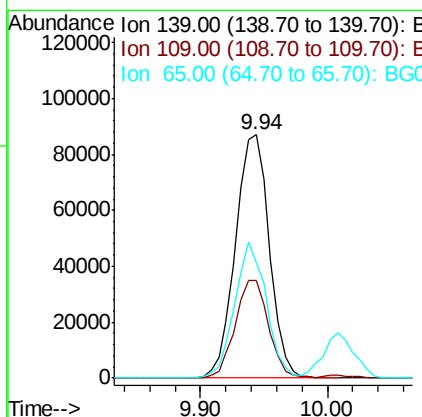
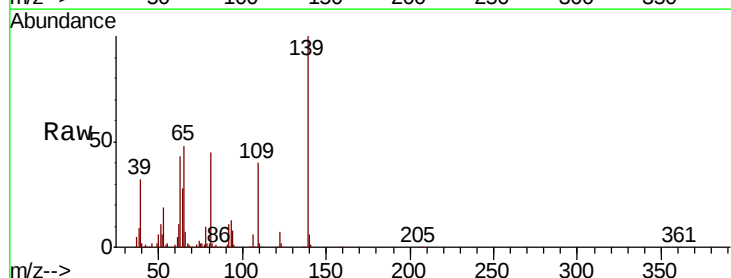
Manual Integrations
APPROVED

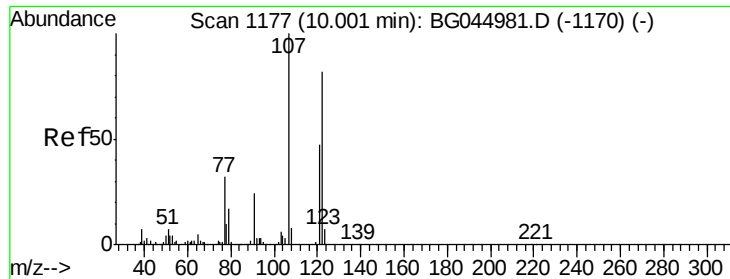
mohammad
4/21/2020 2:53:32 PM



#26
2-Nitrophenol
Concen: 40.294 ng
RT: 9.94 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	40.1	30.6	45.8
65	47.6	41.8	62.6





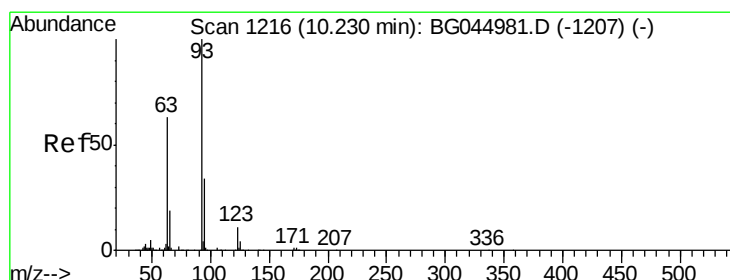
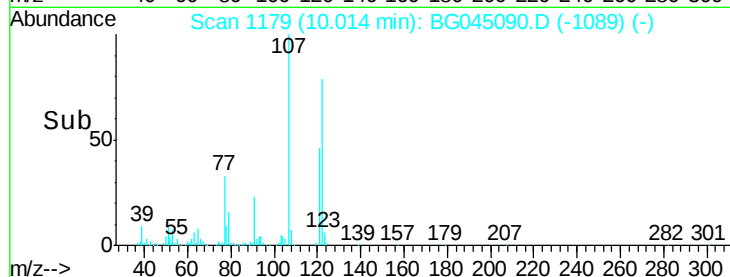
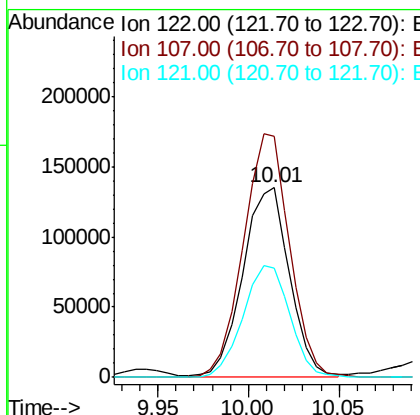
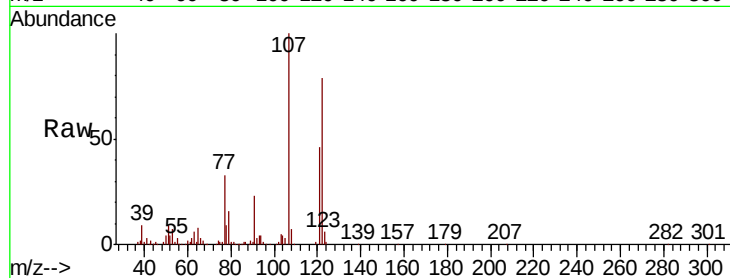
#27
2,4-Dimethylphenol
Concen: 37.891 ng
RT: 10.01 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	240269		
107	127.3	96.8	145.2	
121	58.0	45.6	68.4	

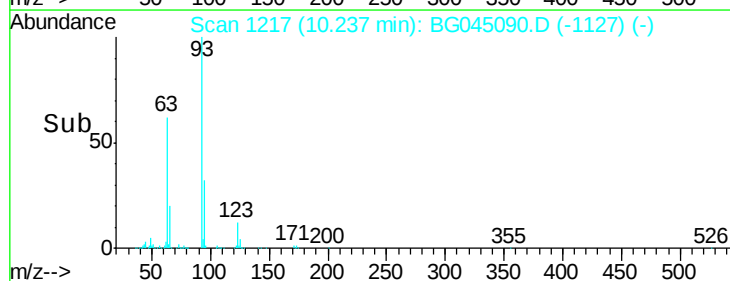
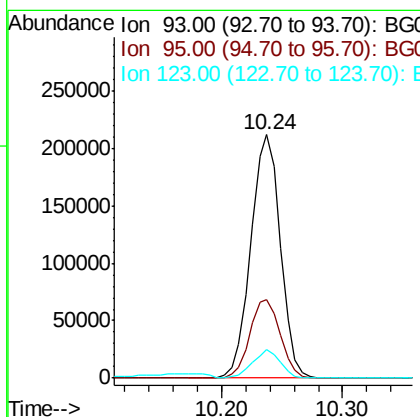
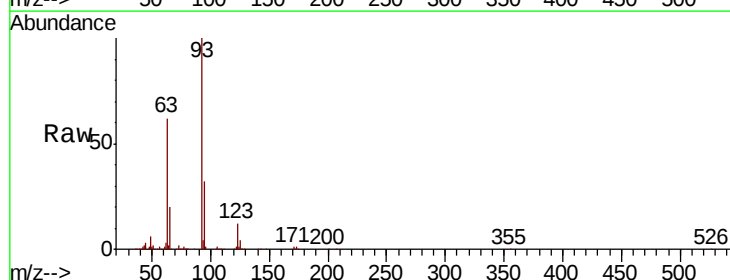
Manual Integrations
APPROVED

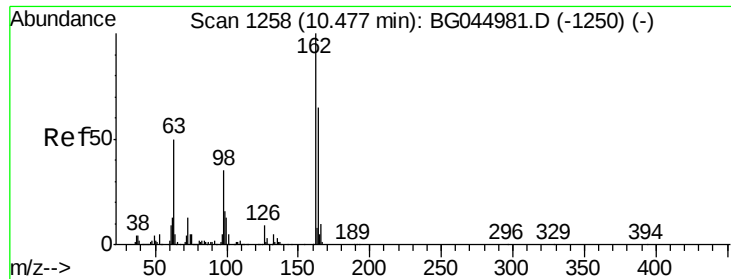
mohammad
4/21/2020 2:53:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.037 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	360693		
95	32.3	27.0	40.4	
123	11.8	8.7	13.1	





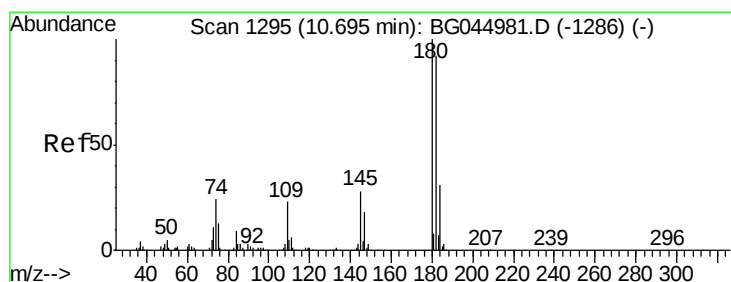
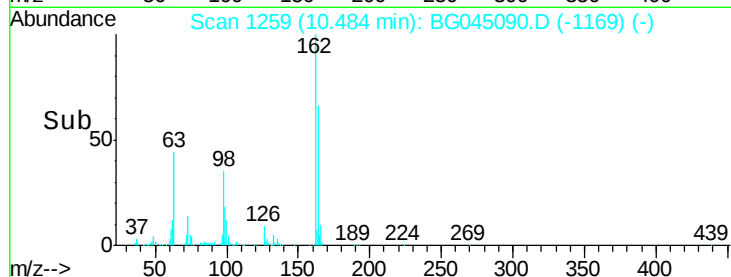
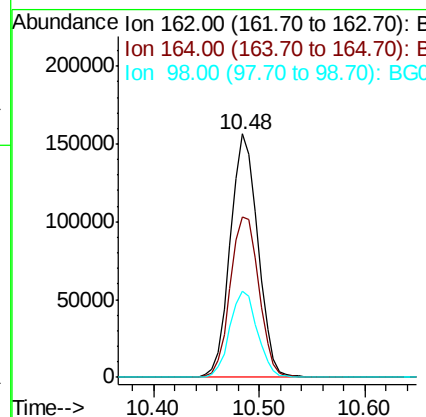
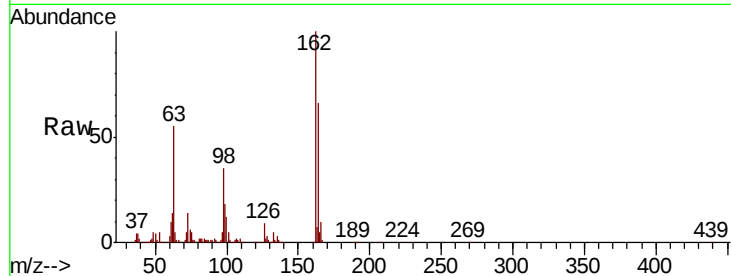
#29
 2,4-Dichlorophenol
 Concen: 38.579 ng
 RT: 10.48 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	282466
Ion Ratio	Lower	Upper	
162	100		
164	66.0	45.0	85.0
98	35.4	15.2	55.2

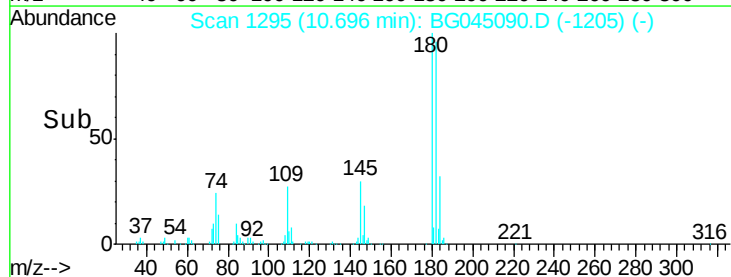
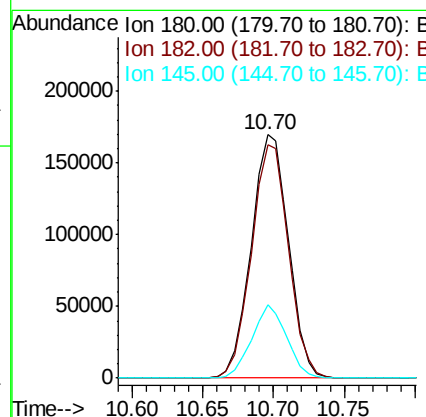
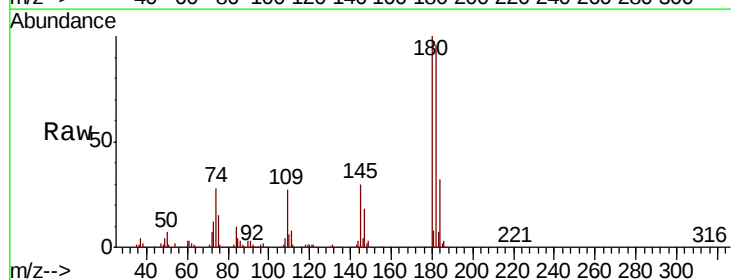
Manual Integrations
 APPROVED

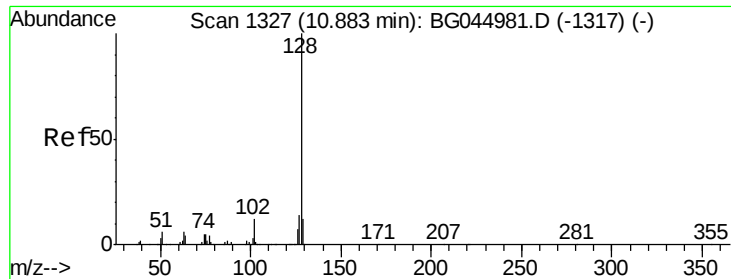
mohammad
 4/21/2020 2:53:32 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.805 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Tgt Ion:	180	Resp:	313402
Ion Ratio	Lower	Upper	
180	100		
182	95.8	73.3	109.9
145	30.2	22.6	33.8





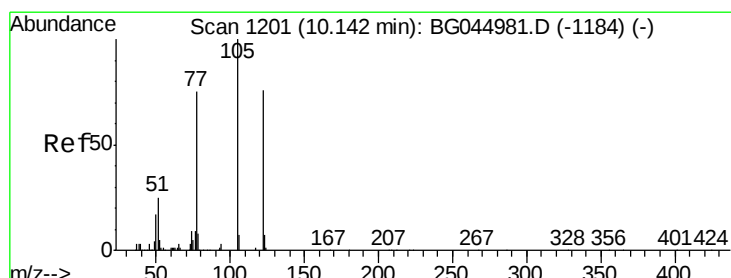
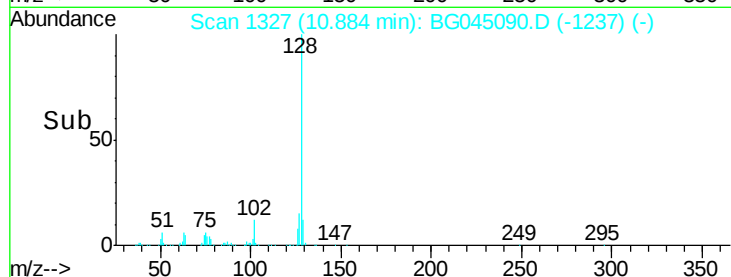
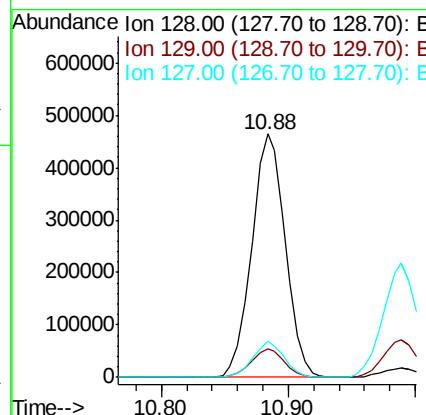
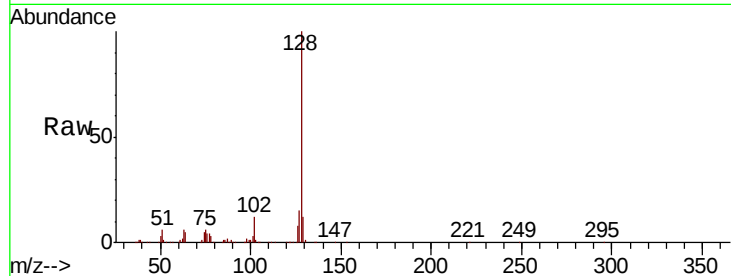
#31
Naphthalene
Concen: 37.664 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	9.4	14.2	
127	15.0	10.8	16.2	

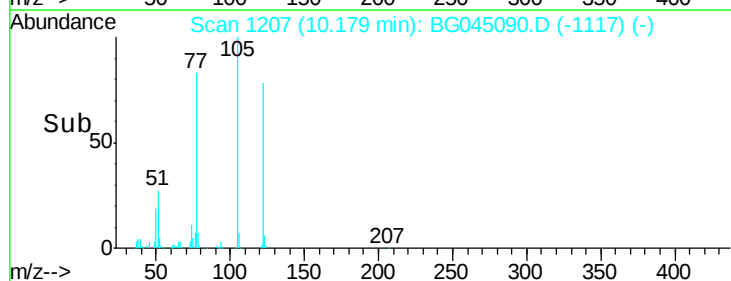
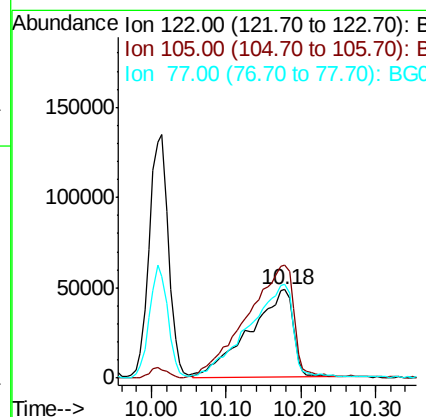
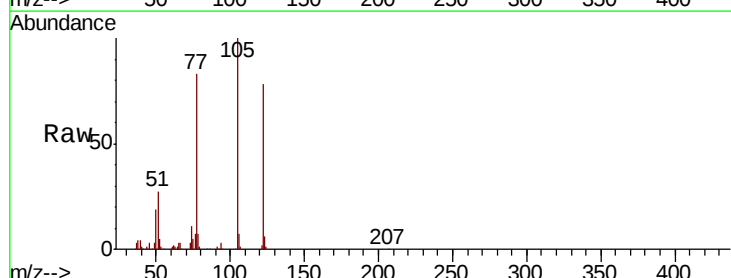
Manual Integrations
APPROVED

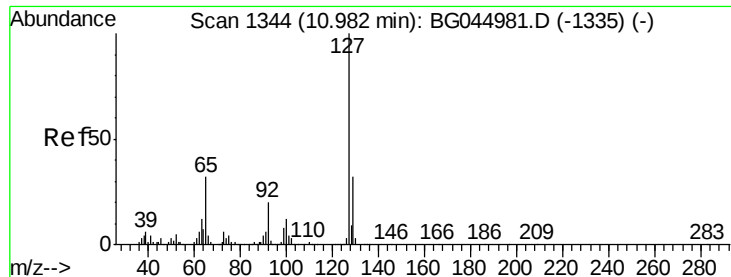
mohammad
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#32
Benzoic acid
Concen: 39.917 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.8	108.4	148.4	
77	105.6	78.8	118.8	





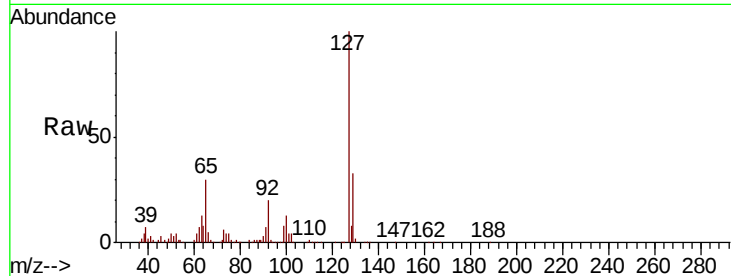
#33
4-Chloroaniline
Concen: 38.360 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		404174		
129	32.6	25.7	38.5		
65	30.4	25.4	38.2		
92	20.5	16.1	24.1		

Manual Integrations
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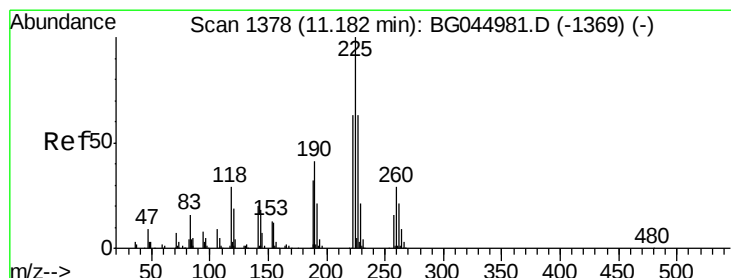
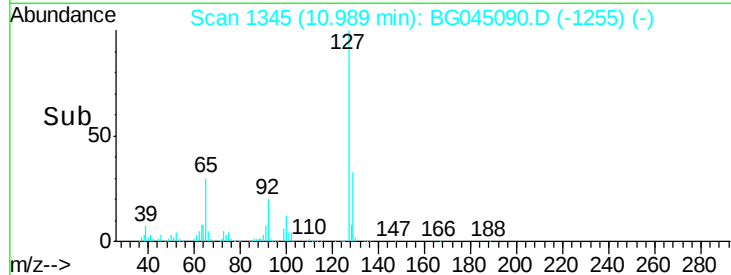
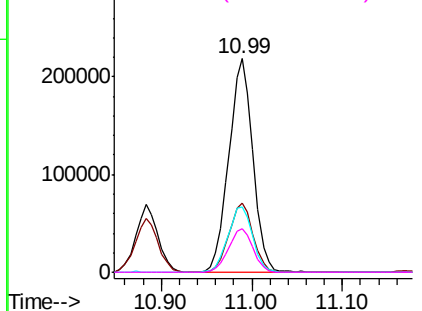
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

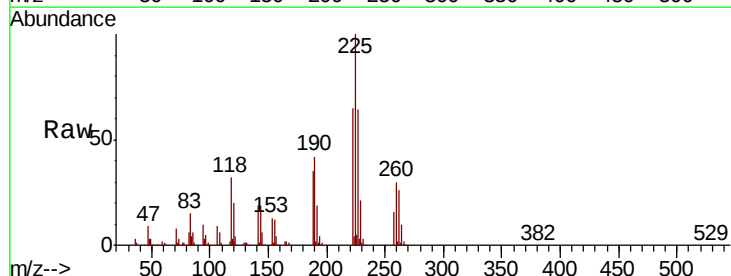
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.107 ng
RT: 11.18 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		216587		
223	64.8	50.7	76.1		
227	64.3	50.2	75.2		

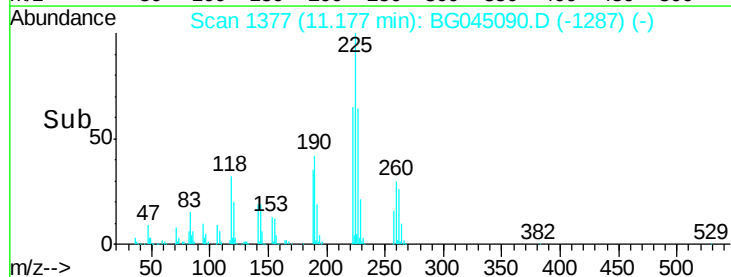
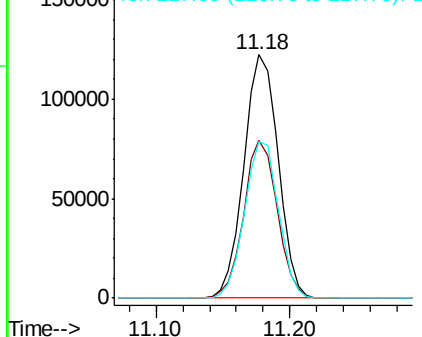


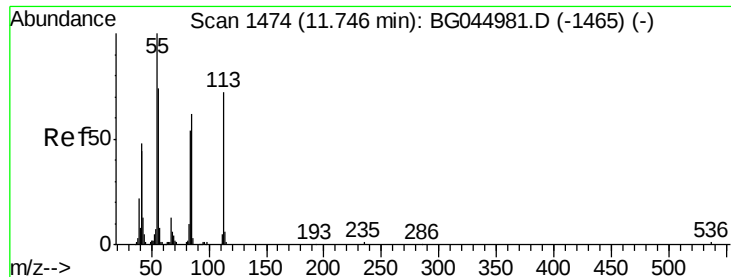
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





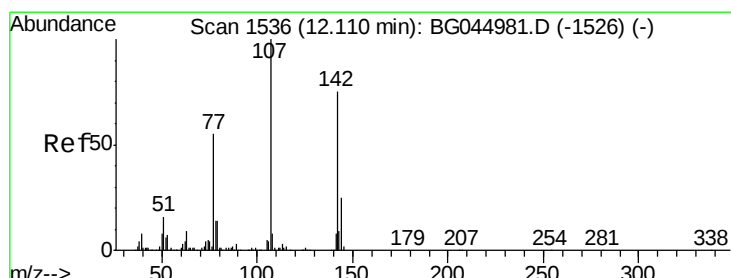
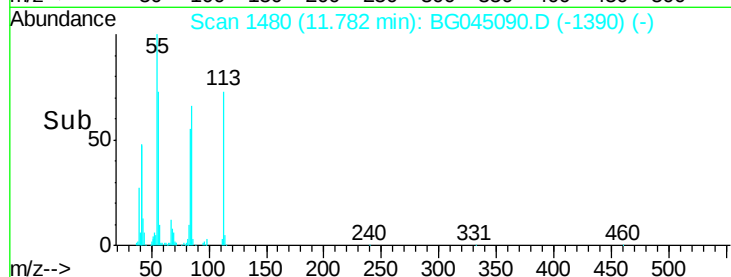
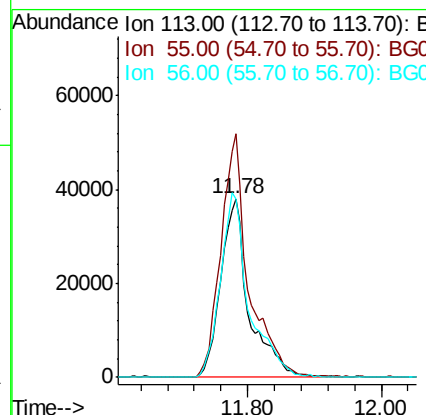
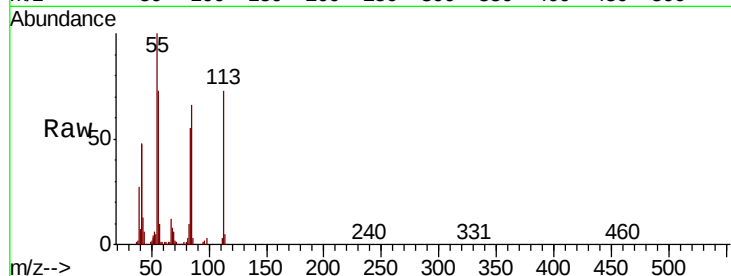
#35
 Caprolactam
 Concen: 38.716 ng
 RT: 11.78 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	136.5	118.8	158.8
56	100.0	82.6	122.6

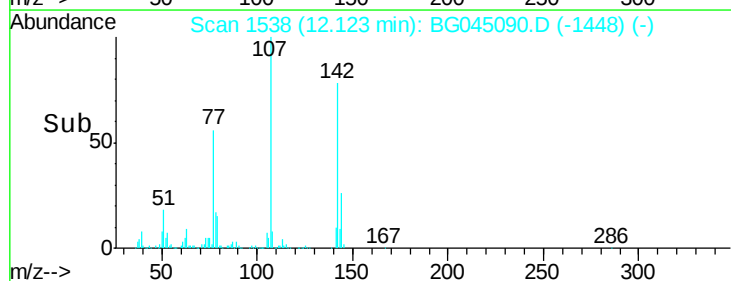
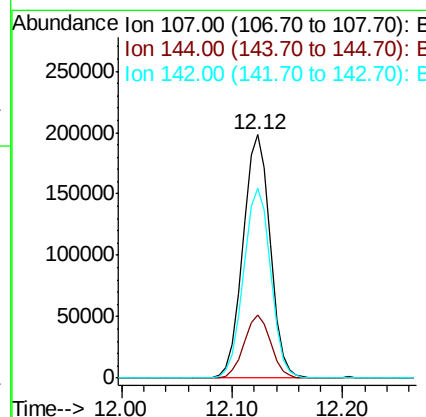
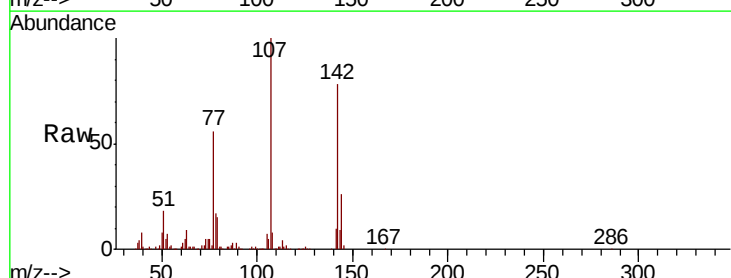
Manual Integrations
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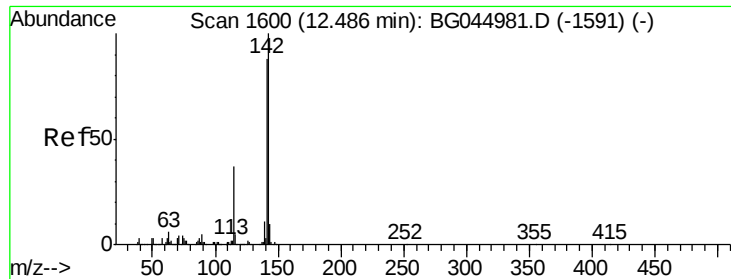
mohammad
 4/21/2020 2:53:32 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.005 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	19.8	29.6
142	77.9	59.7	89.5





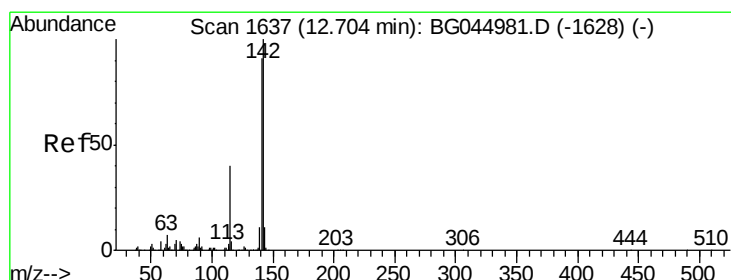
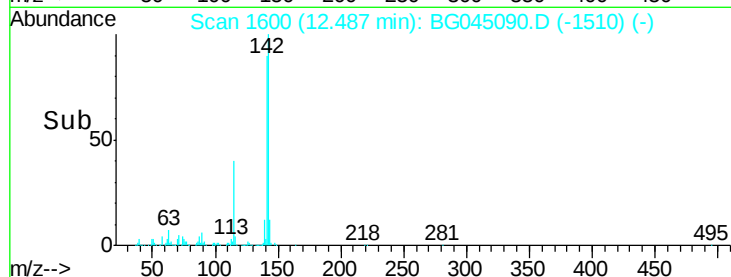
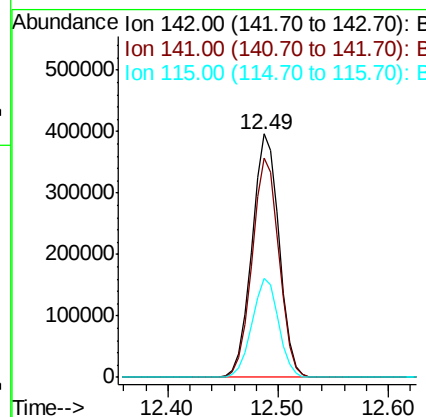
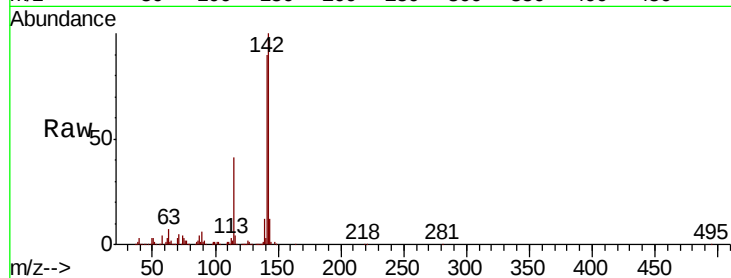
#37
 2-Methylnaphthalene
 Concen: 38.875 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	40.5	29.8	44.6

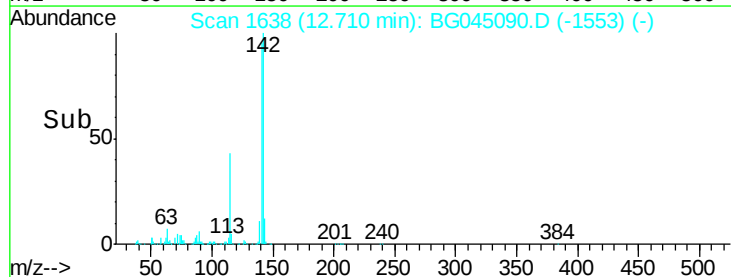
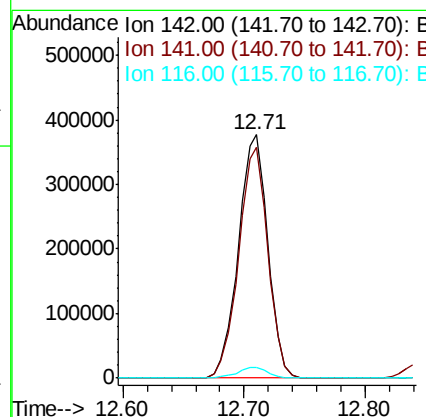
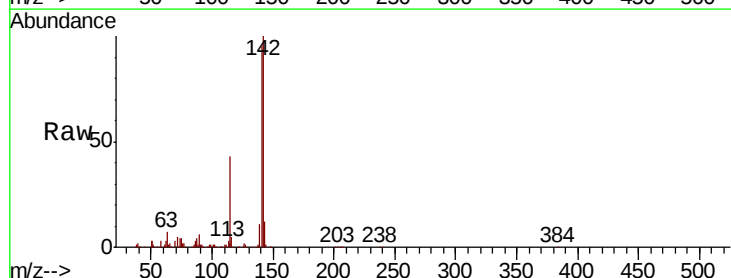
Manual Integrations
 APPROVED

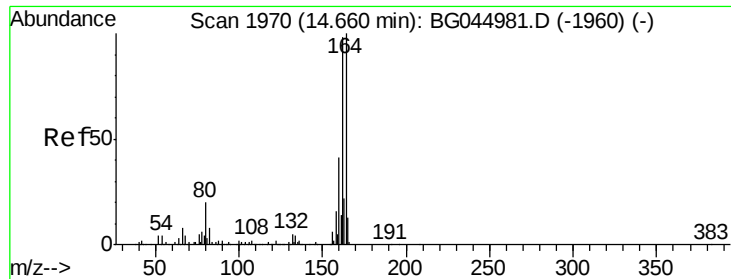
mohammad
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#38
 1-Methylnaphthalene
 Concen: 38.449 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.7	109.1
116	4.5	3.1	4.7





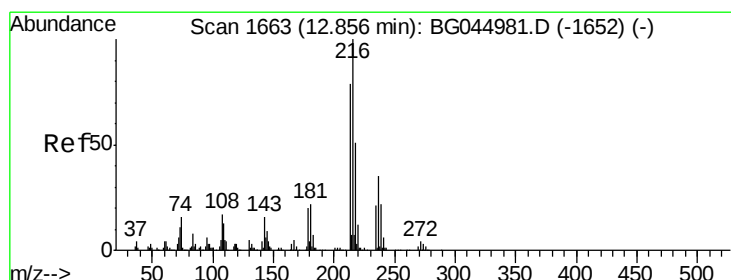
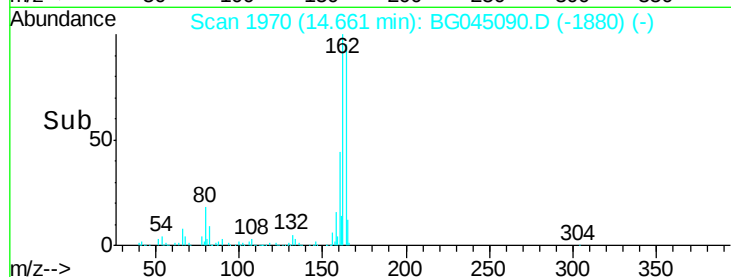
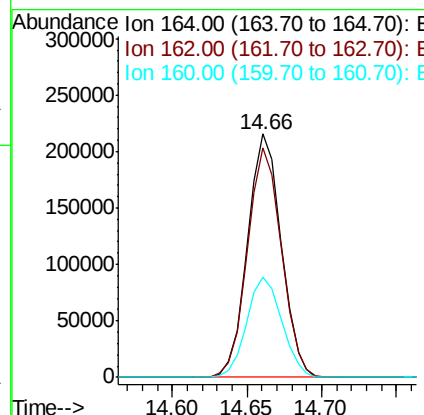
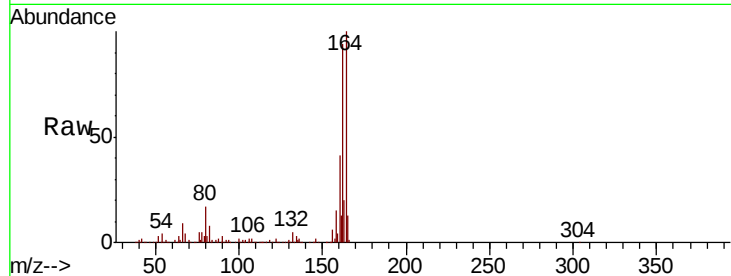
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.4	78.7	118.1
160	41.3	32.8	49.2

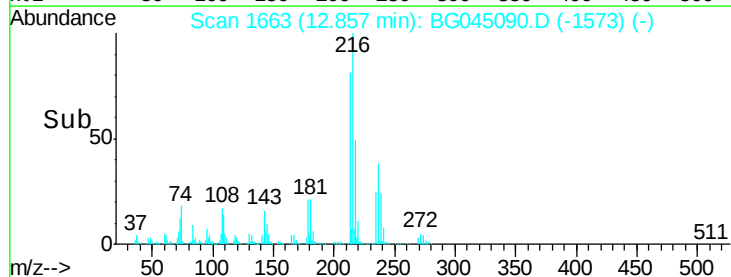
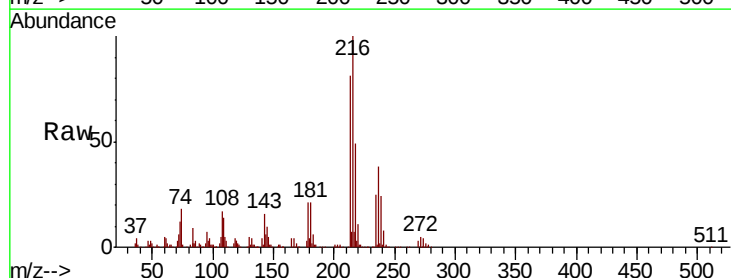
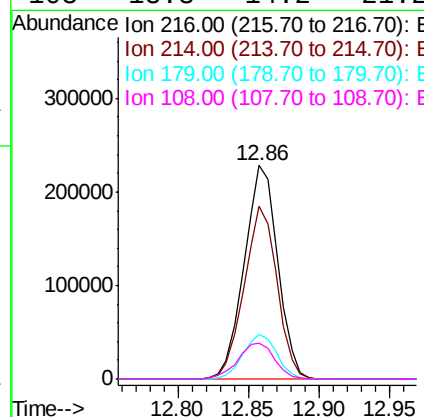
Manual Integrations
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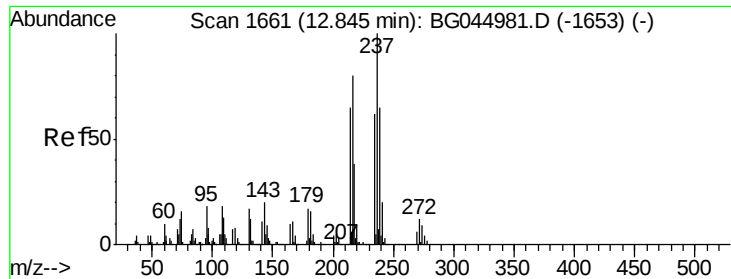
mohammad
4/21/2020 2:53:32 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.203 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.6
179	21.0	15.8	23.8
108	18.3	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 47.633 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

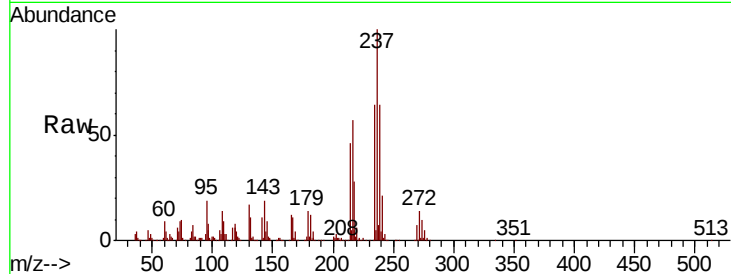
ClientSampleId :

SSTDCCC040

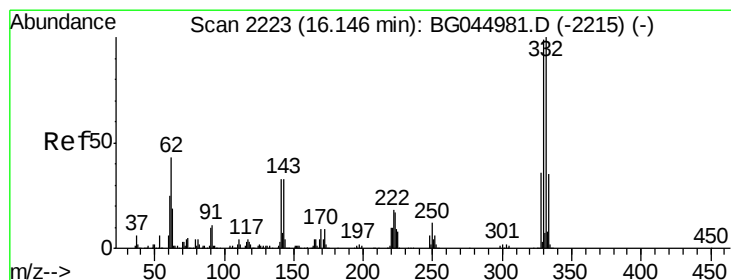
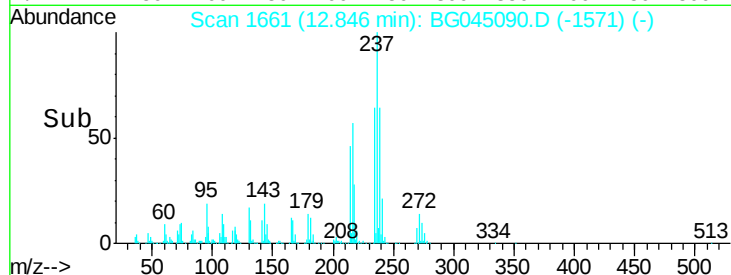
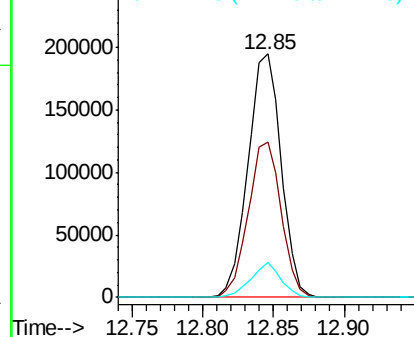
Tot Ion:	237	Resp:	320854
Ion Ratio	Lower	Upper	
237	100		
235	63.6	41.6	81.6
272	14.1	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 76.564 ng

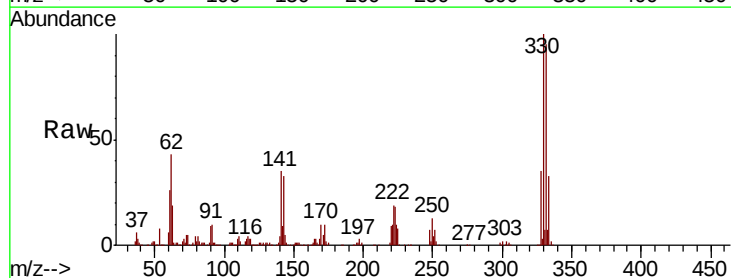
RT: 16.15 min Scan# 2224

Delta R.T. 0.00 min

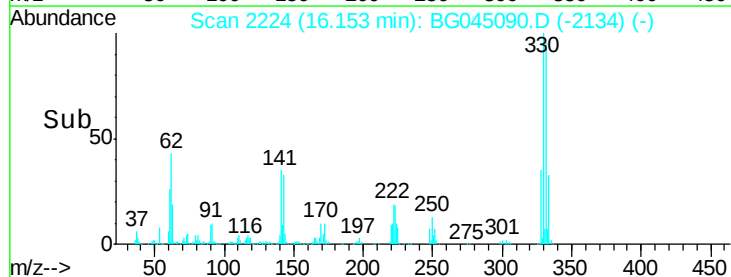
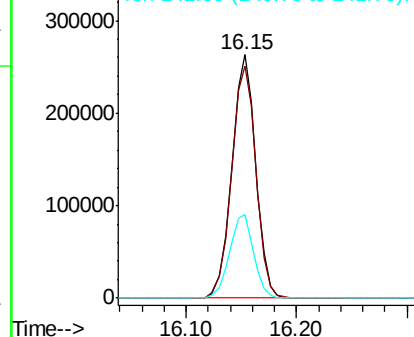
Lab File: BG045090.D

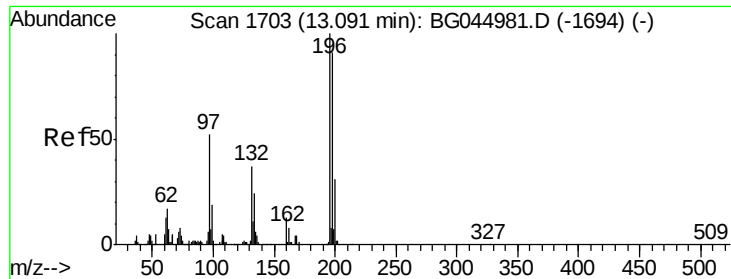
Acq: 20 Apr 2020 11:03

Tgt Ion:	330	Resp:	395916
Ion Ratio	Lower	Upper	
330	100		
332	97.6	79.1	118.7
141	34.7	27.1	40.7



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





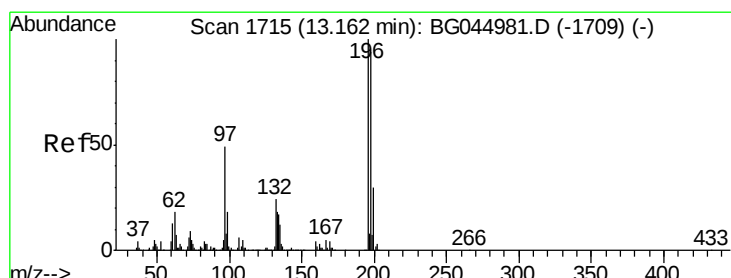
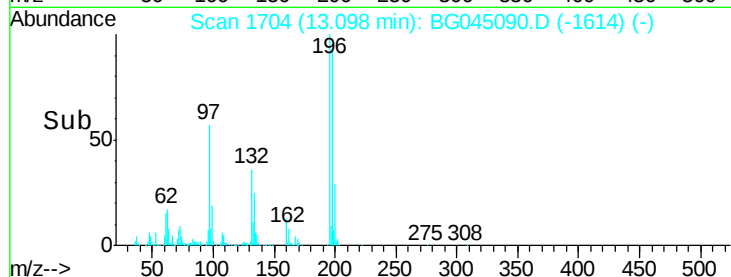
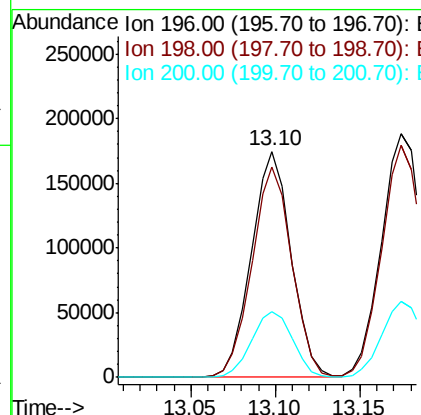
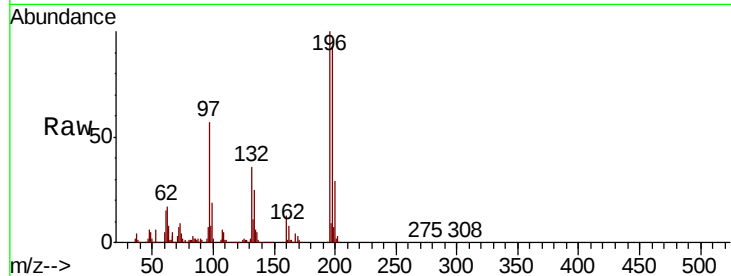
#43
2,4,6-Trichlorophenol
Concen: 37.703 ng
RT: 13.10 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	286773		
198	92.8	72.5	108.7	
200	28.8	24.5	36.7	

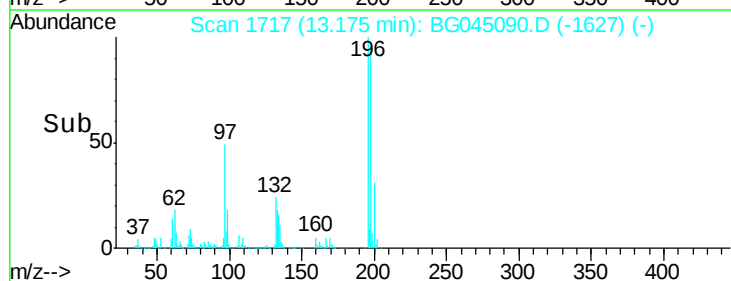
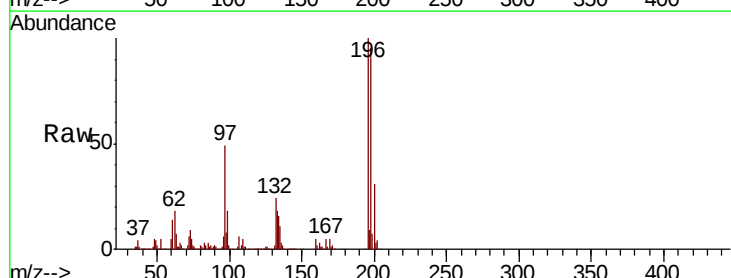
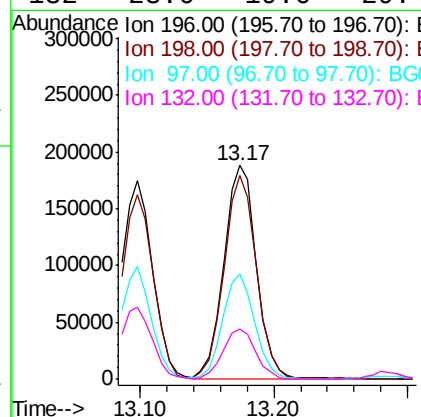
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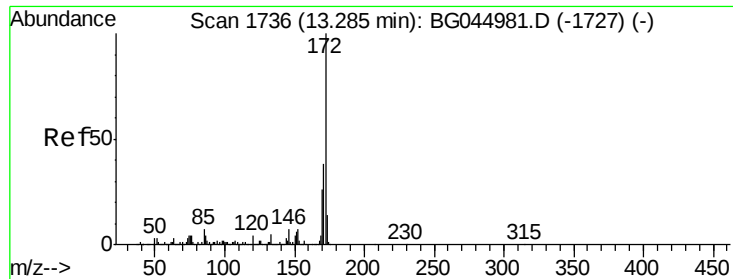
mohammad
4/21/2020 2:53:32 PM



#44
2,4,5-Trichlorophenol
Concen: 36.966 ng
RT: 13.17 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	320043		
198	95.3	75.7	113.5	
97	49.3	39.6	59.4	
132	23.6	19.6	29.4	





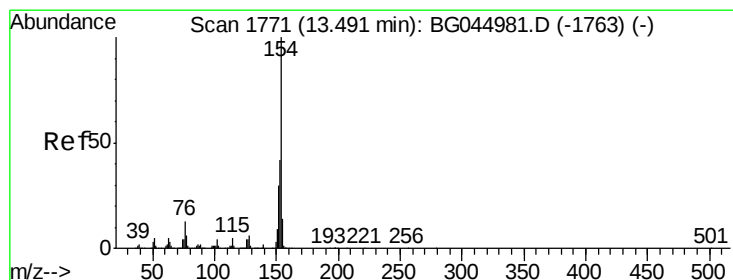
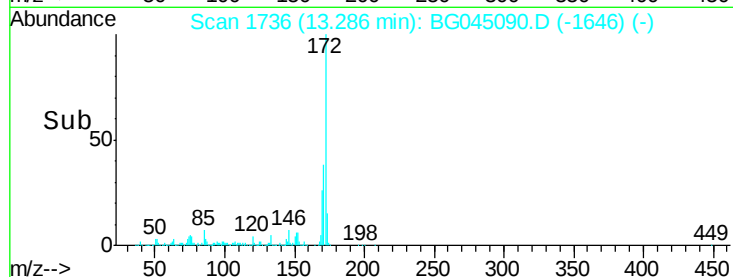
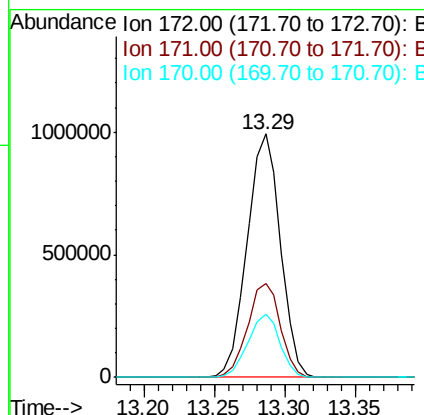
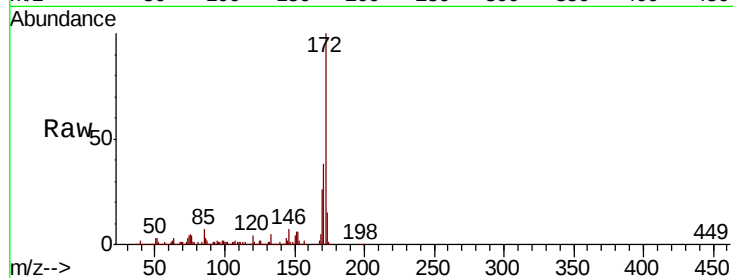
#45
2-Fluorobiphenyl
Concen: 71.730 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.6	46.0
170	25.8	20.5	30.7

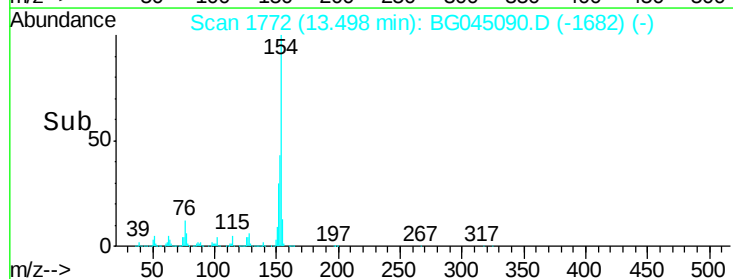
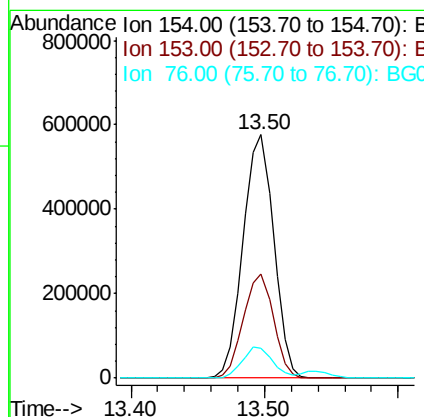
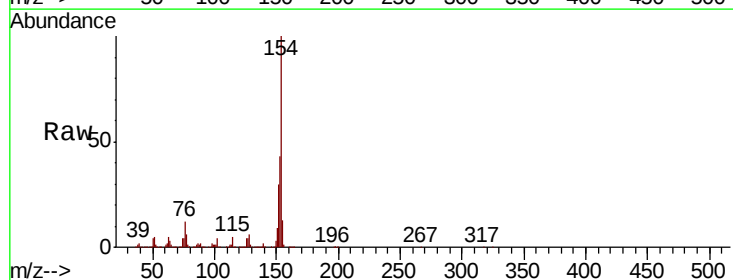
Manual Integrations
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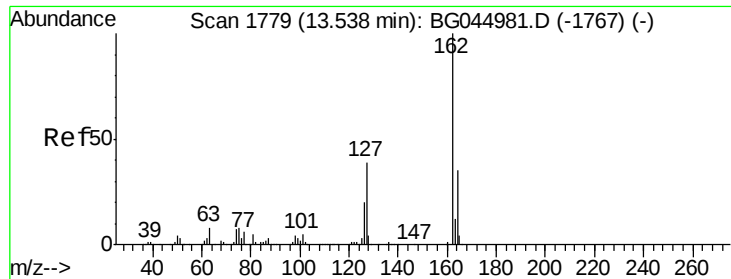
mohammad
4/21/2020 2:53:32 PM



#46
1,1'-Biphenyl
Concen: 35.962 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.9	61.9
76	12.4	0.0	33.1





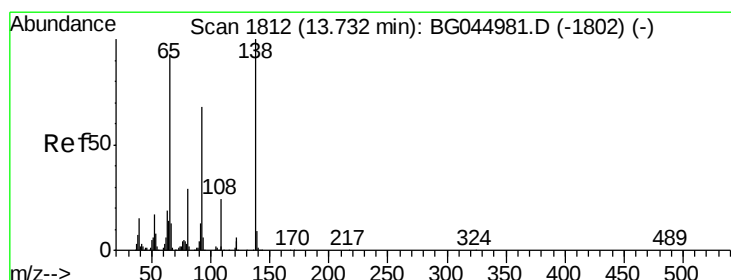
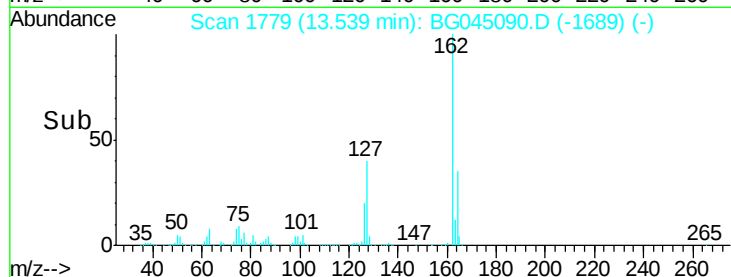
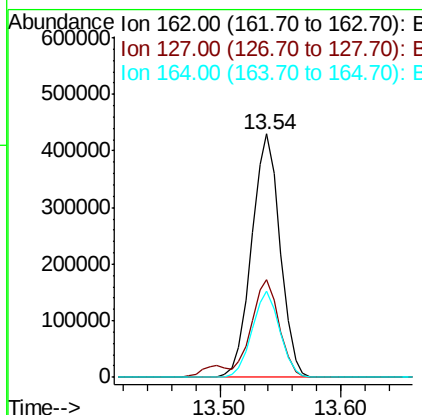
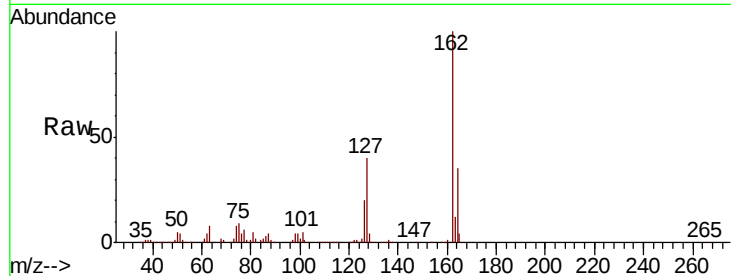
#47
 2-Chloronaphthalene
 Concen: 36.216 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	704031
Ion Ratio	Lower	Upper	
162	100		
127	40.2	31.3	46.9
164	35.2	27.8	41.8

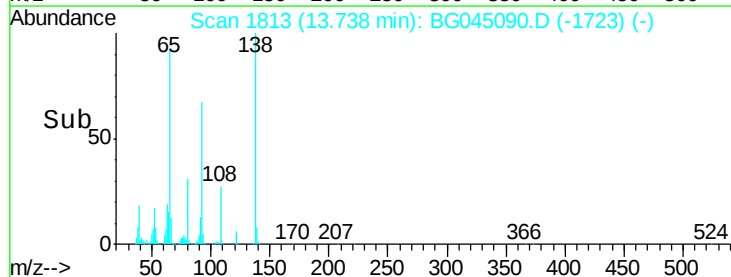
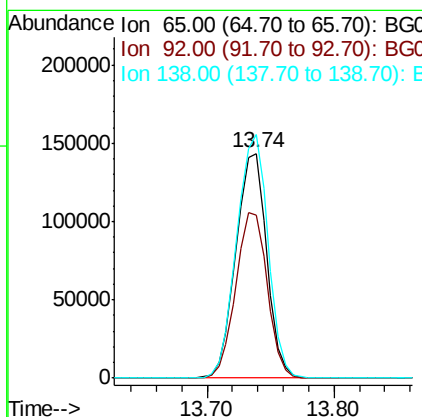
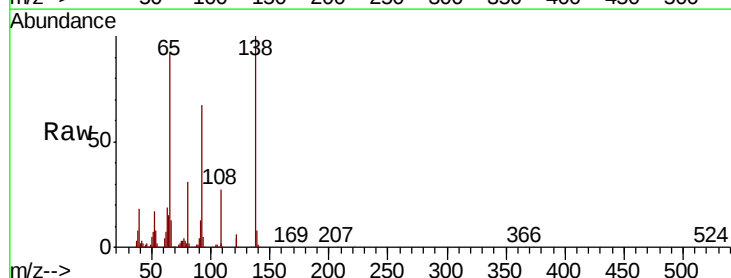
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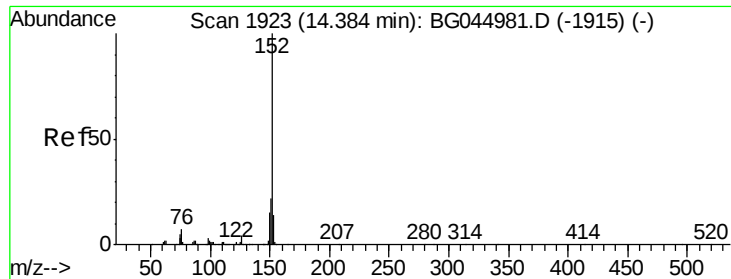
mohammad
 4/21/2020 2:53:32 PM



#48
 2-Nitroaniline
 Concen: 37.931 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Tgt Ion:	65	Resp:	242606
Ion Ratio	Lower	Upper	
65	100		
92	72.3	58.3	87.5
138	108.2	85.6	128.4





#49

Acenaphthylene

Concen: 36.199 ng

RT: 14.38 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1146241

Ion Ratio Lower Upper

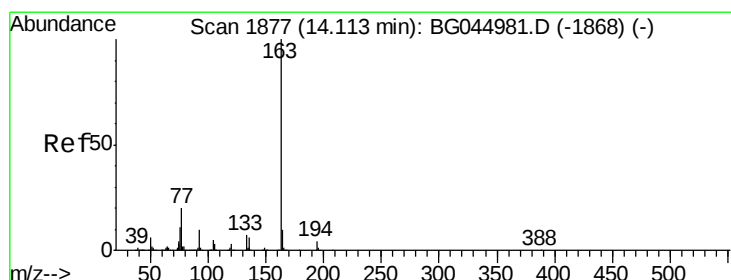
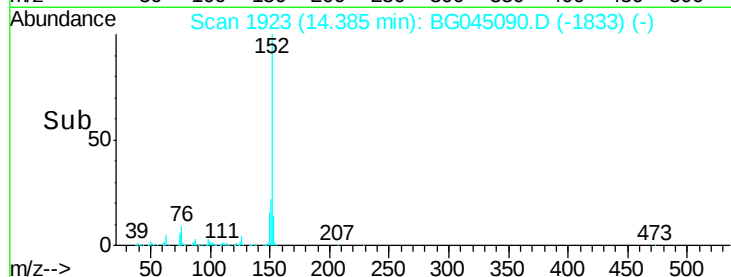
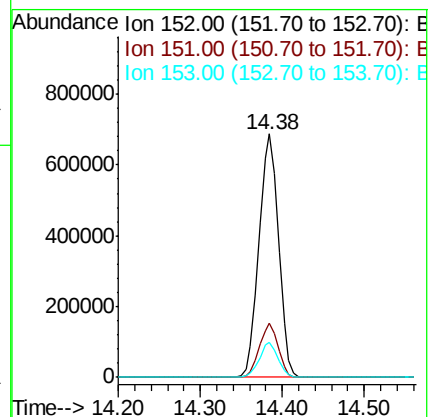
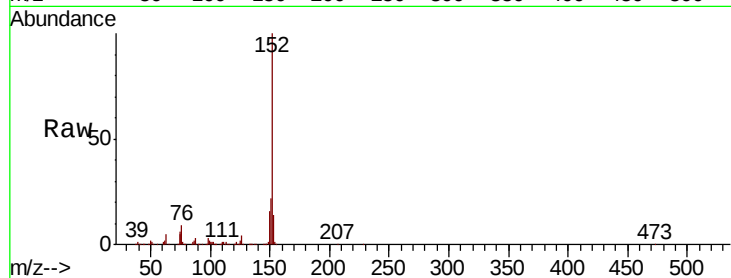
152 100

151 22.3 17.2 25.8

153 14.3 11.0 16.4

Manual Integrations
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mohammad
4/21/2020 2:53:32 PM



#50

Dimethylphthalate

Concen: 36.636 ng

RT: 14.11 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

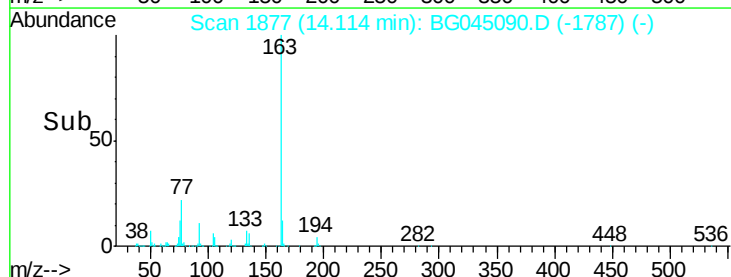
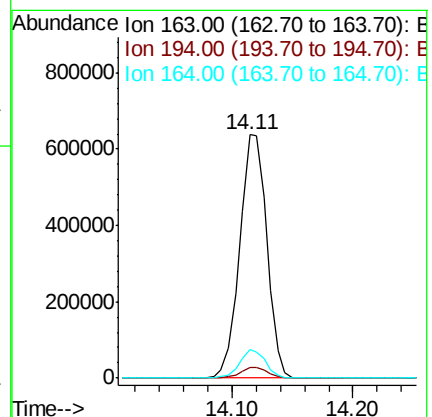
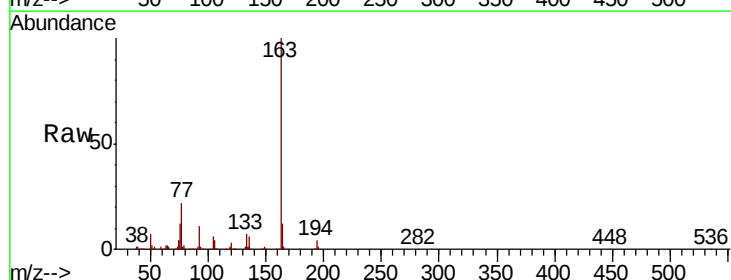
Tgt Ion:163 Resp: 998489

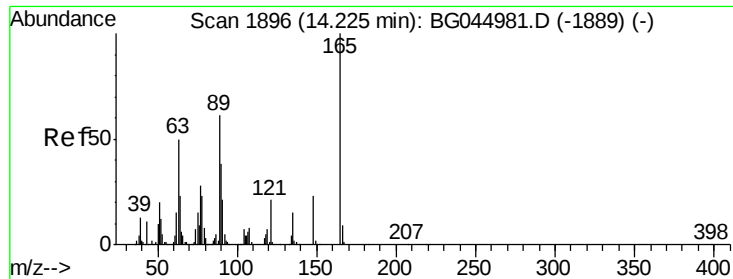
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 11.8 8.2 12.4





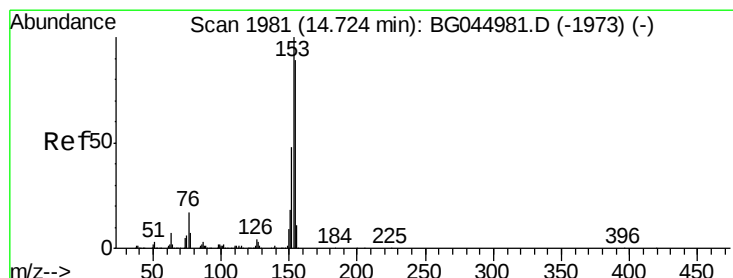
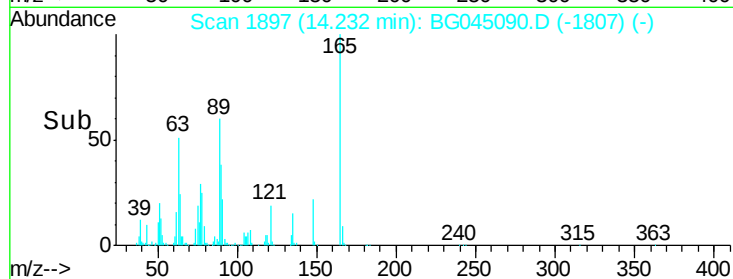
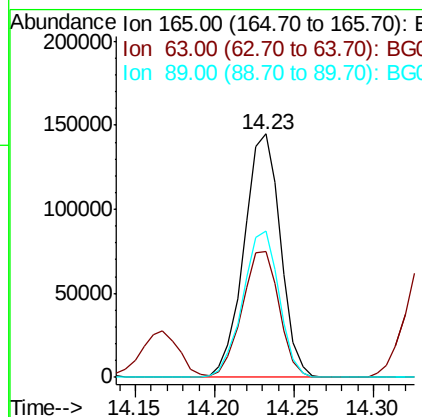
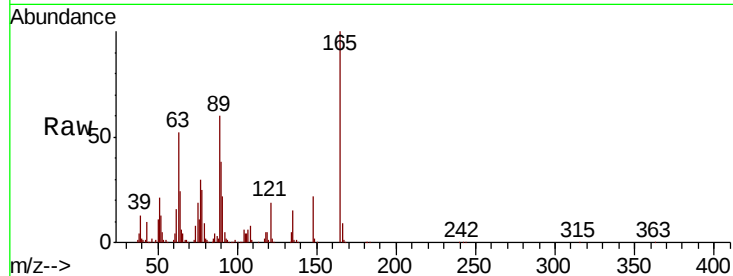
#51
 2,6-Dinitrotoluene
 Concen: 37.866 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	230835		
63	51.5	40.4	60.6	
89	60.2	49.1	73.7	

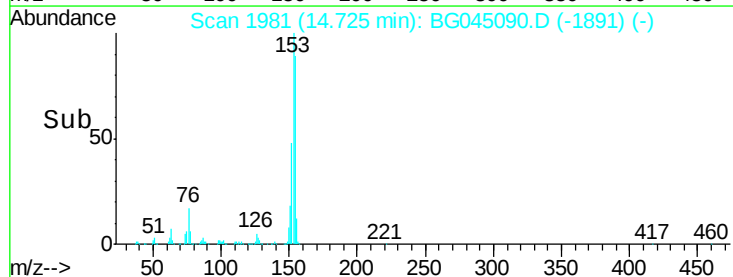
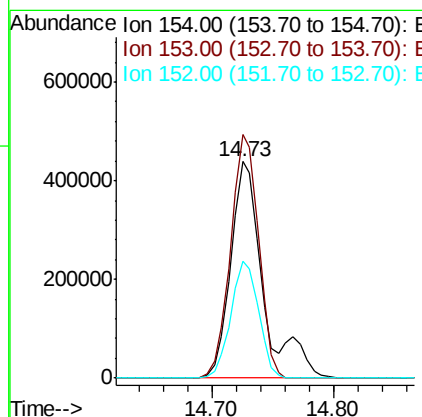
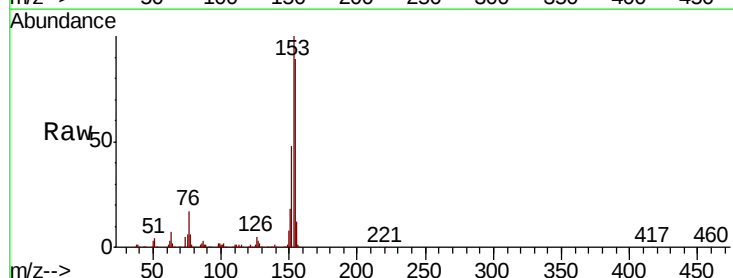
Manual Integrations
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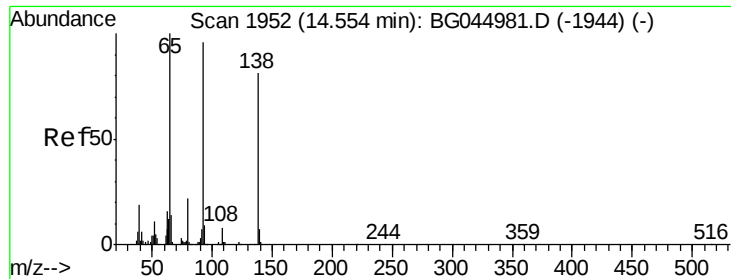
mohammad
 4/21/2020 2:53:32 PM



#52
 Acenaphthene
 Concen: 38.246 ng m
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	819392		
153	112.6	89.7	134.5	
152	54.3	43.1	64.7	





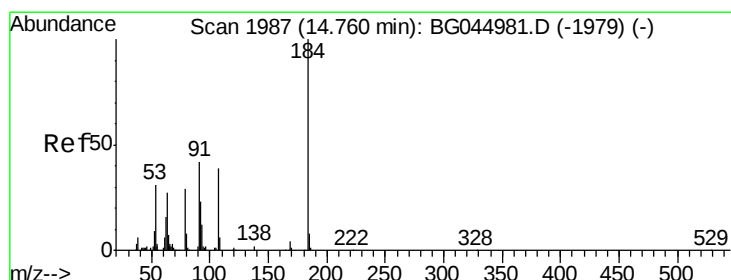
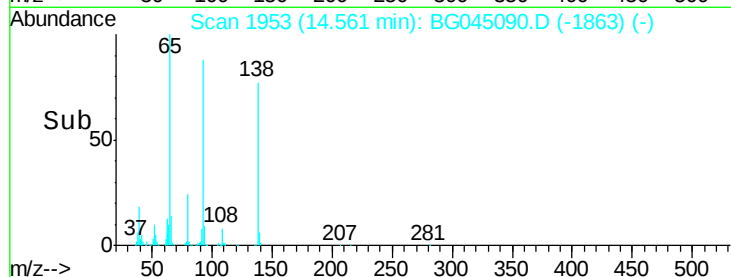
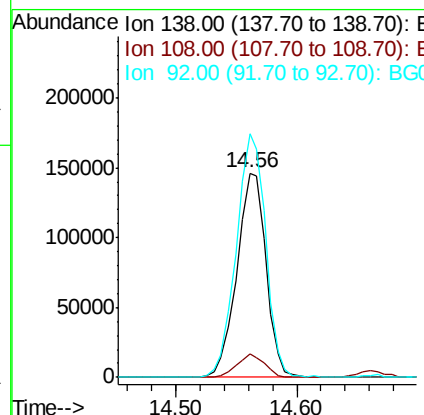
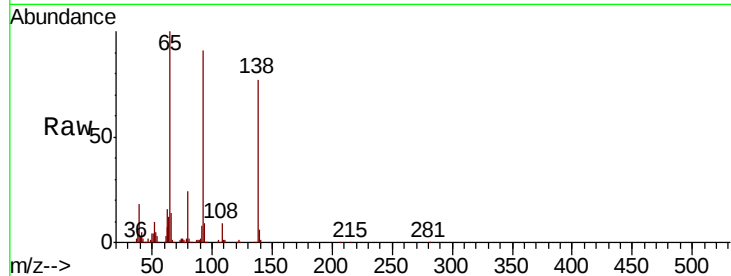
#53
3-Nitroaniline
Concen: 36.758 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.8	11.8
92	119.1	94.5	141.7

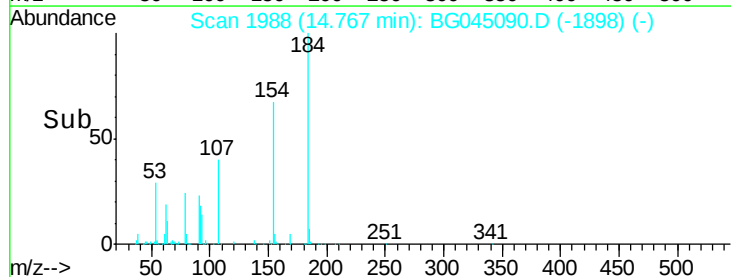
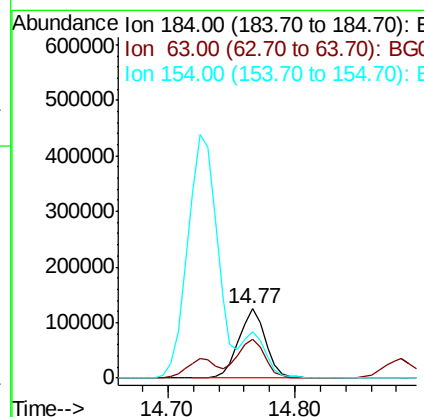
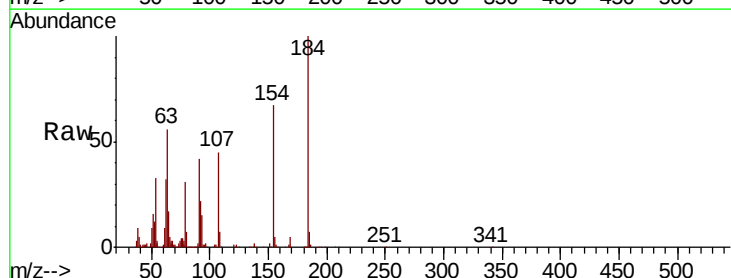
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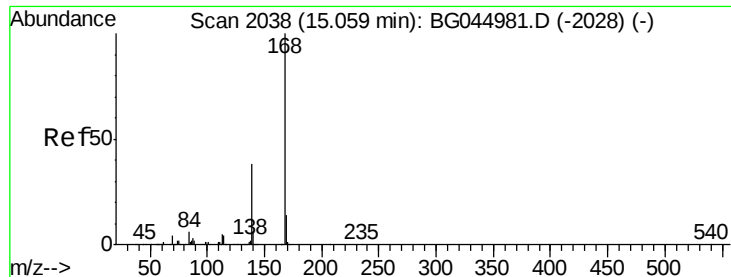
mohammad
4/21/2020 2:53:32 PM



#54
2,4-Dinitrophenol
Concen: 50.505 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.3	41.5	62.3
154	67.1	52.3	78.5





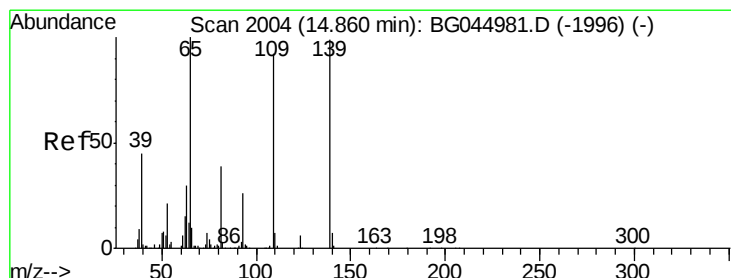
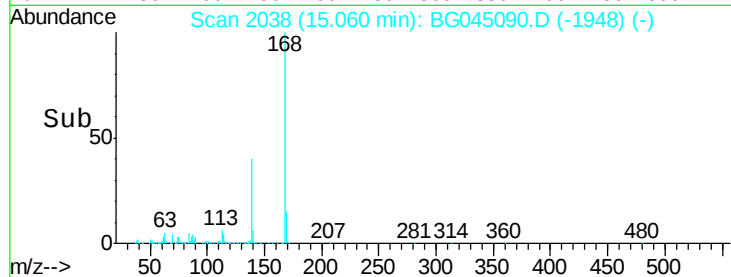
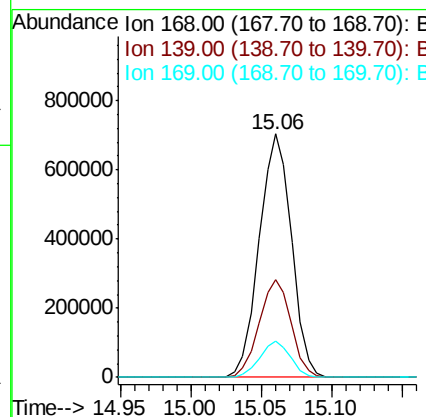
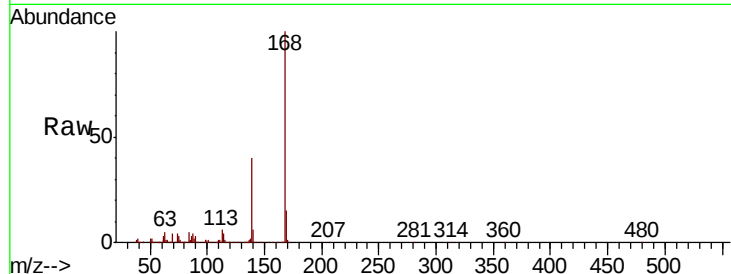
#55
Dibenzenofuran
Concen: 36.099 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.4	45.6
169	14.7	11.0	16.4

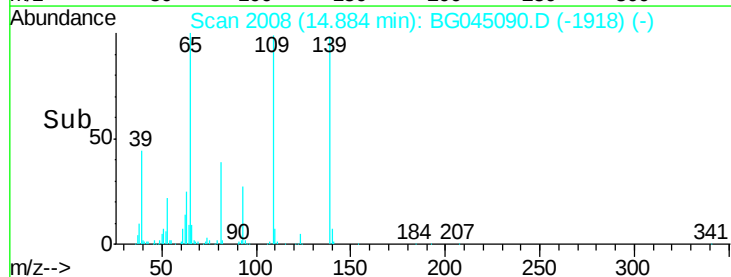
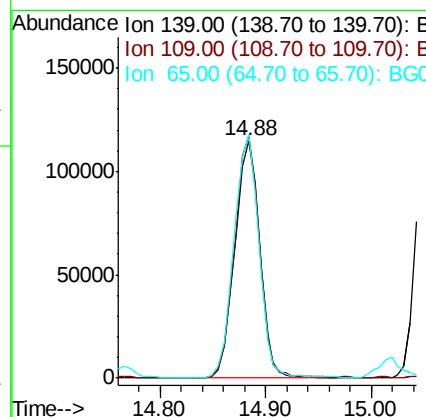
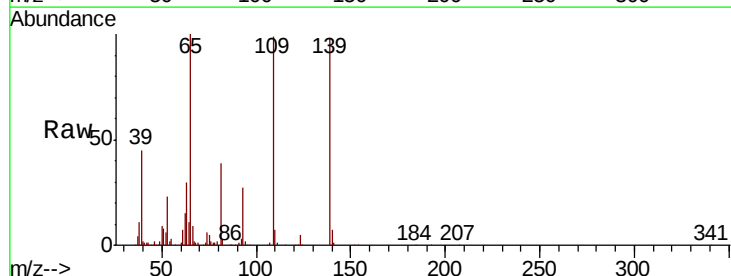
Manual Integrations
APPROVED

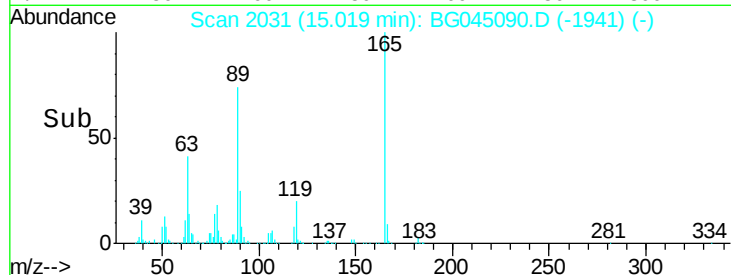
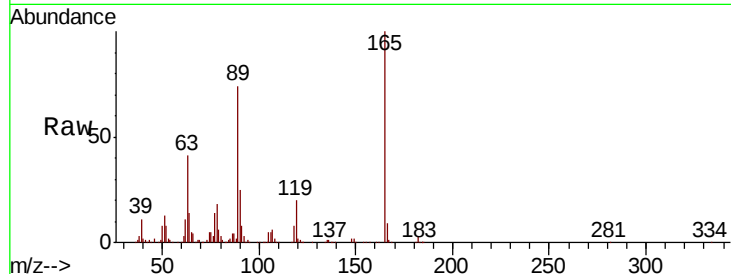
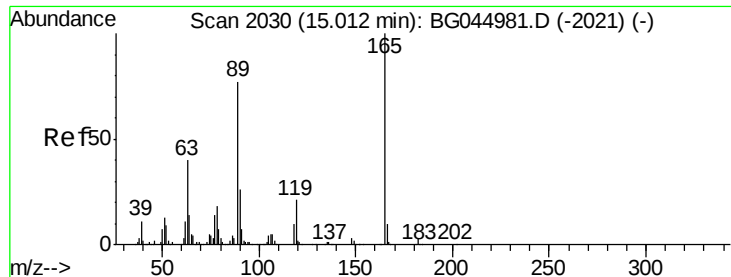
mohammad
4/21/2020 2:53:32 PM



#56
4-Nitrophenol
Concen: 36.057 ng
RT: 14.88 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.9	73.6	113.6
65	102.6	81.2	121.2





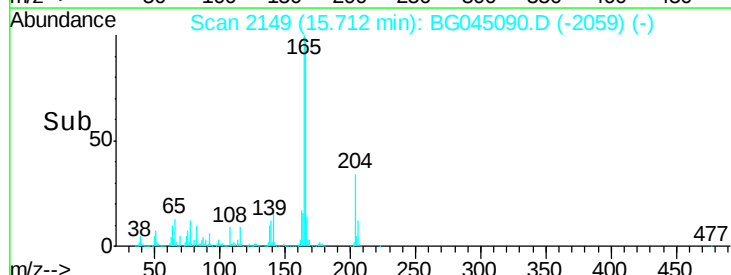
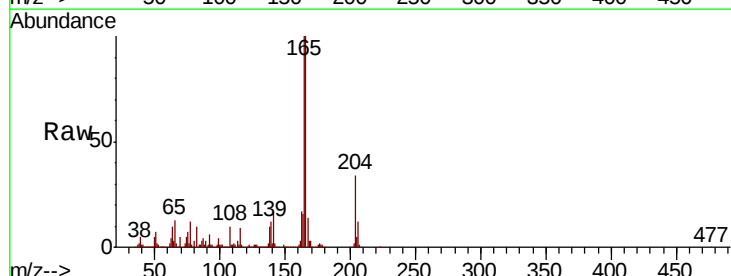
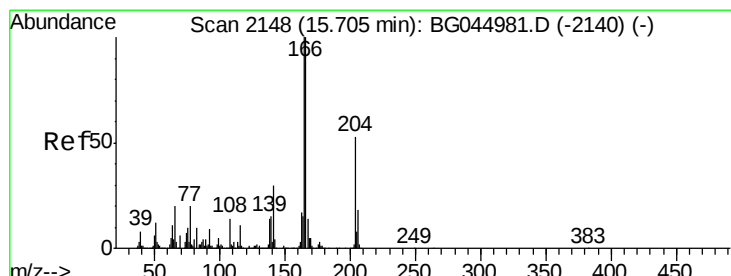
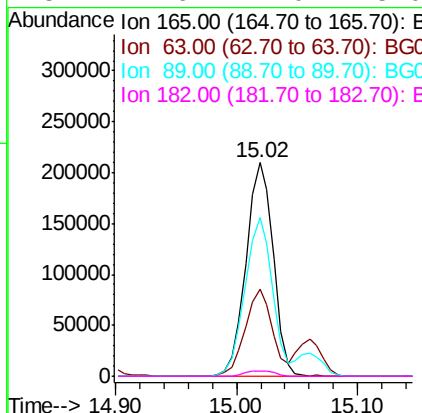
#57
2,4-Dinitrotoluene
Concen: 37.039 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tot Ion	Ratio	Resp	Lower	Upper
165	100	329972		
63	40.9	32.2	48.2	
89	74.2	61.7	92.5	
182	2.6	2.0	3.0	

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

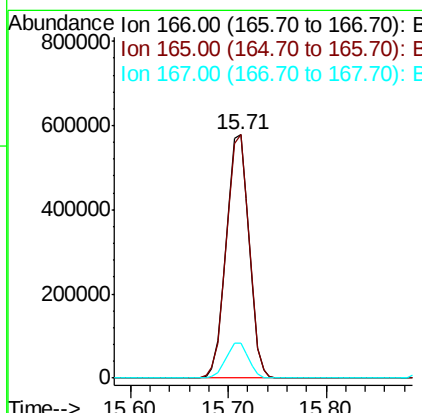
Manual Integrations
APPROVED

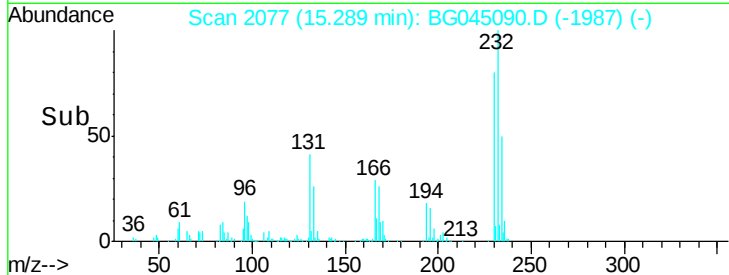
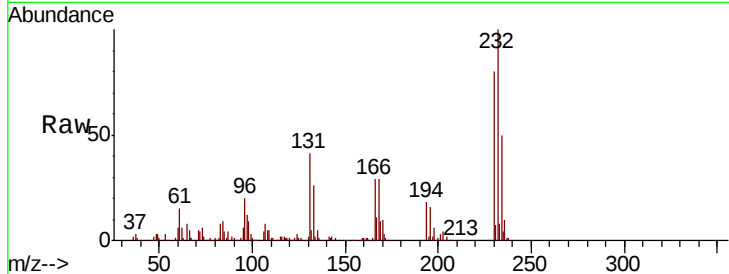
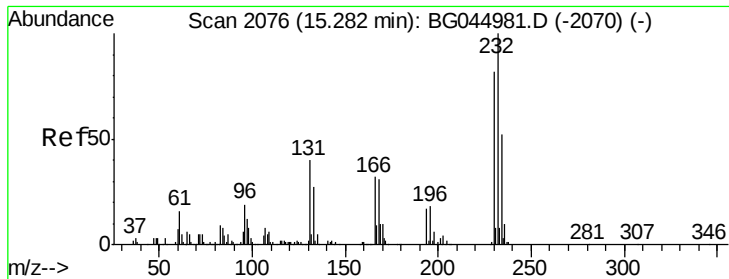
mohammad
4/21/2020 2:53:32 PM



#58
Fluorene
Concen: 36.777 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	938296		
165	100.0	79.9	119.9	
167	14.2	11.4	17.0	





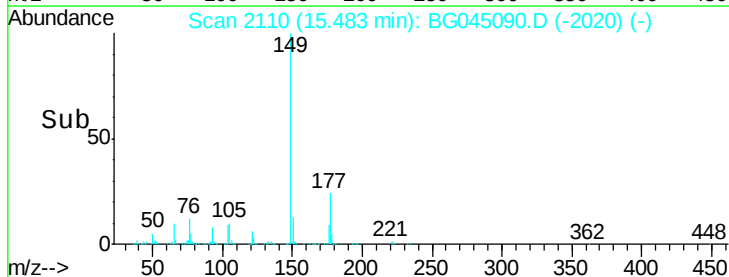
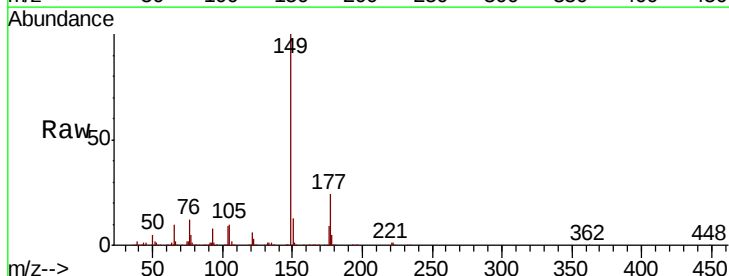
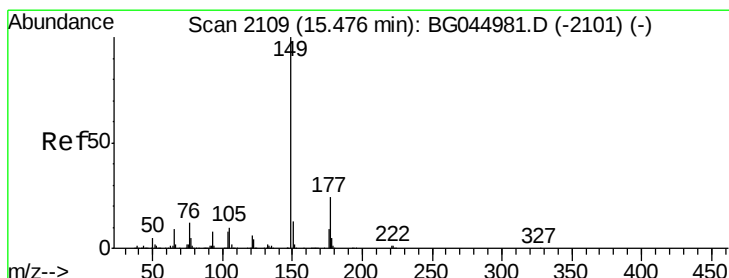
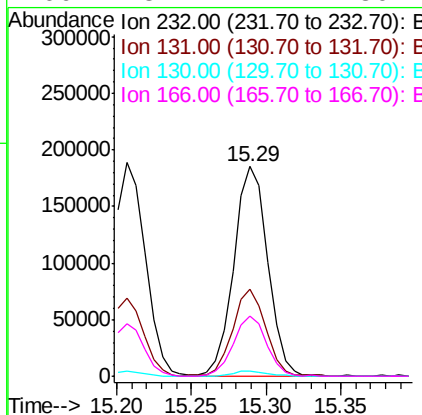
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.077 ng
RT: 15.29 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	293329		
131	40.8	32.2	48.2	
130	2.5	2.2	3.2	
166	28.2	24.2	36.4	

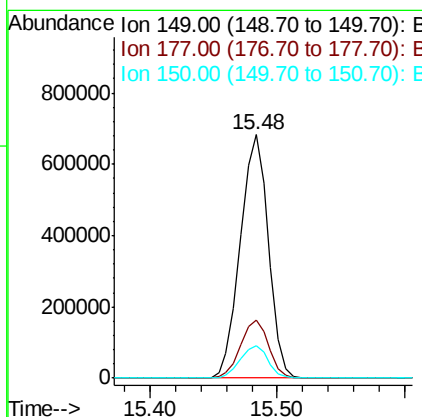
Manual Integrations
APPROVED

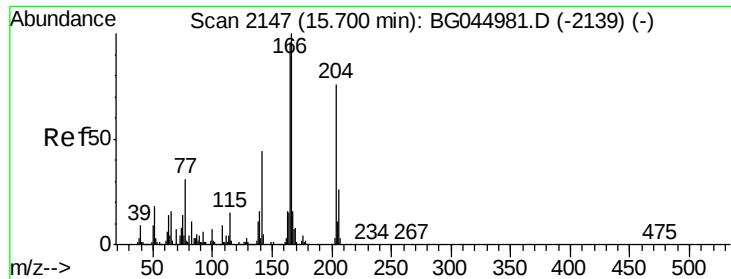
mohammad
4/21/2020 2:53:32 PM



#60
Diethylphthalate
Concen: 36.773 ng
RT: 15.48 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1044929		
177	24.1	18.9	28.3	
150	13.1	10.6	15.8	





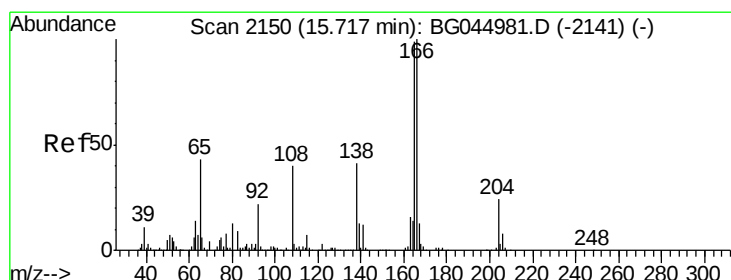
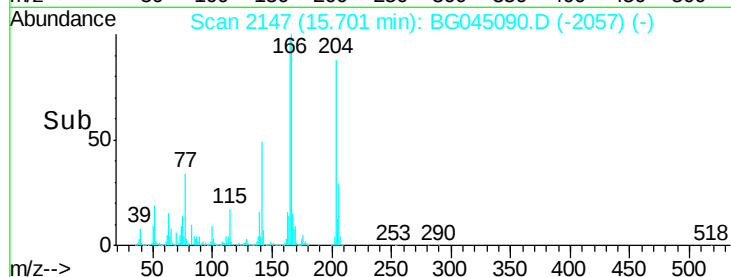
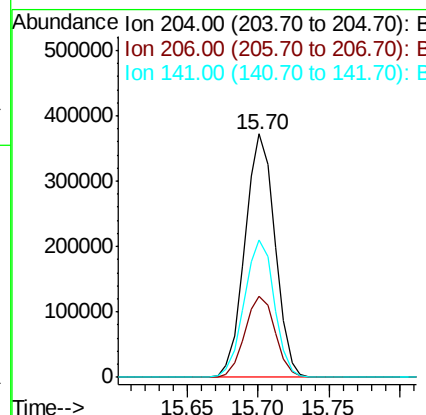
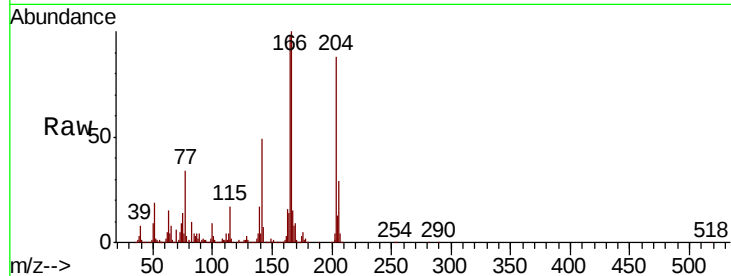
#61
4-Chlorophenyl-phenylether
Concen: 37.810 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.9	40.3
141	56.4	46.3	69.5

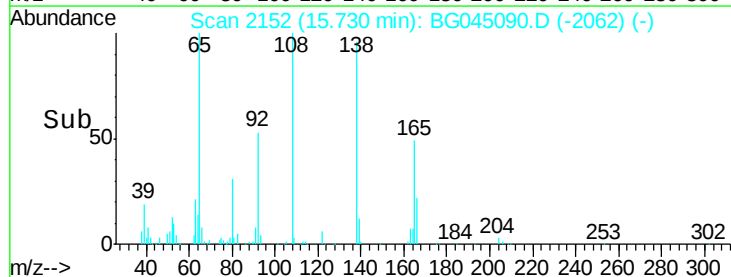
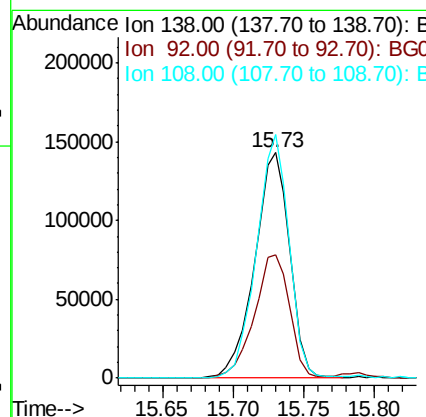
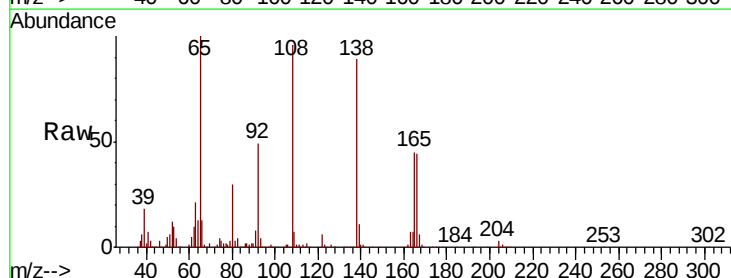
Manual Integrations
APPROVED

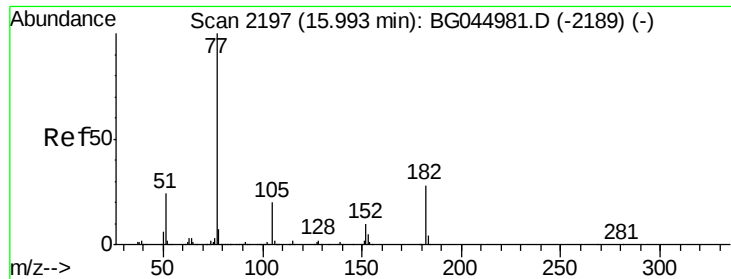
mohammad
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#62
4-Nitroaniline
Concen: 35.854 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	33.6	73.6
108	108.0	78.2	118.2





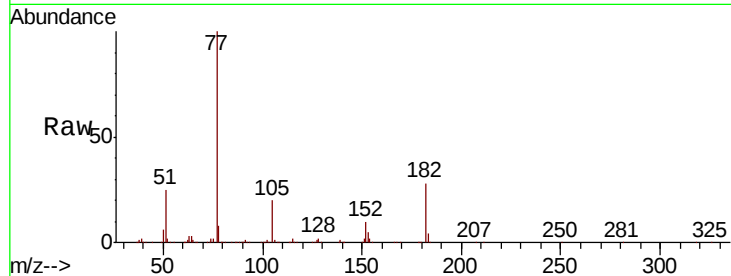
#63
Azobenzene
Concen: 36.527 ng
RT: 15.99 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

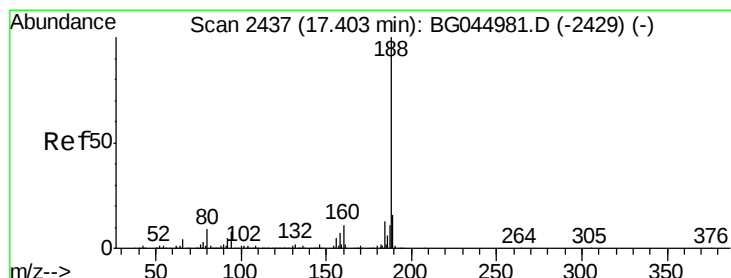
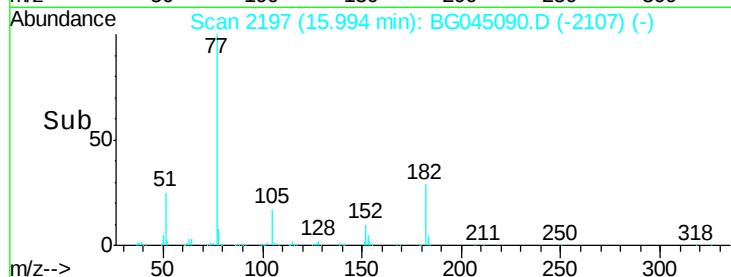
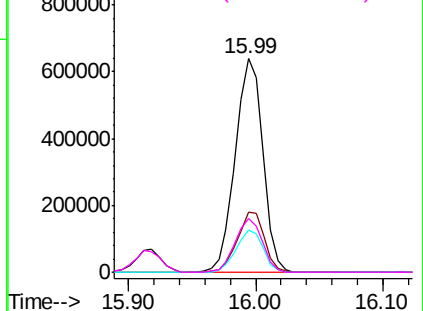
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.4	48.4
105	20.0	0.5	40.5
51	25.2	4.4	44.4

Manual Integrations
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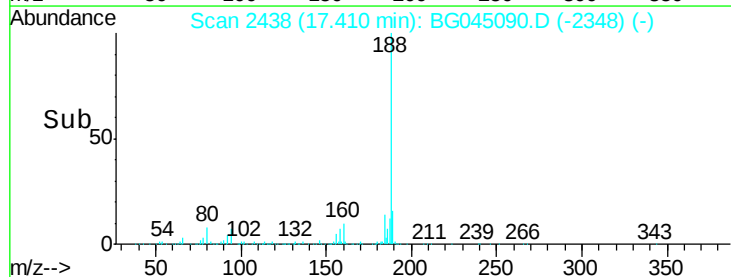
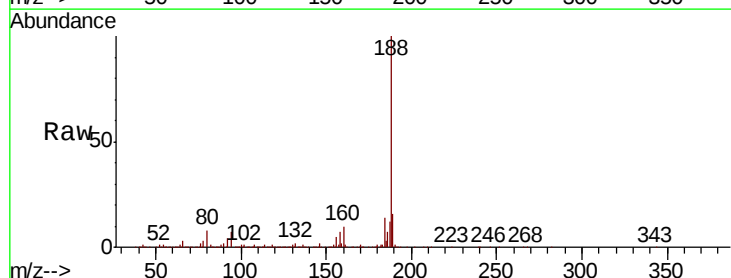
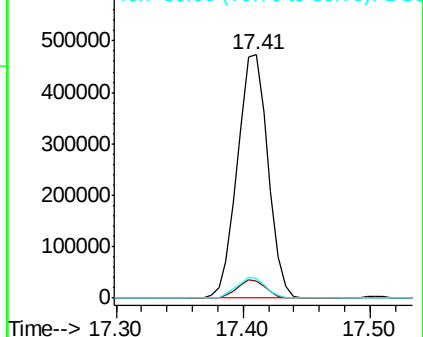
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

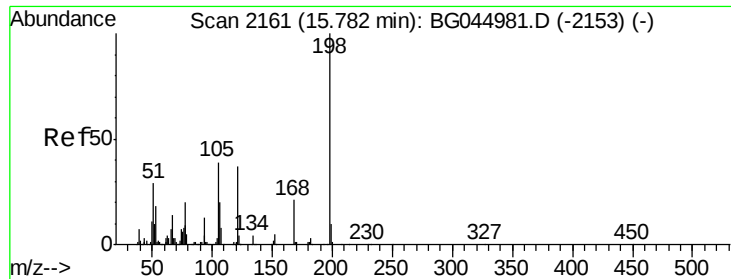


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.4
80	7.8	7.0	10.6

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





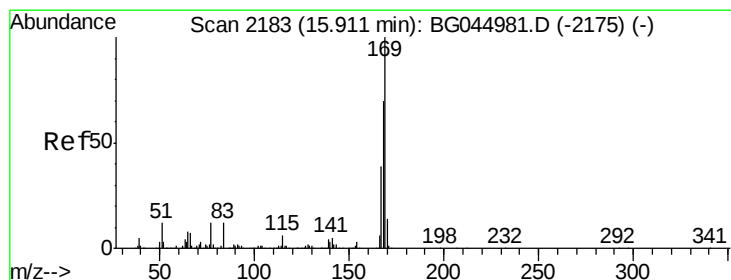
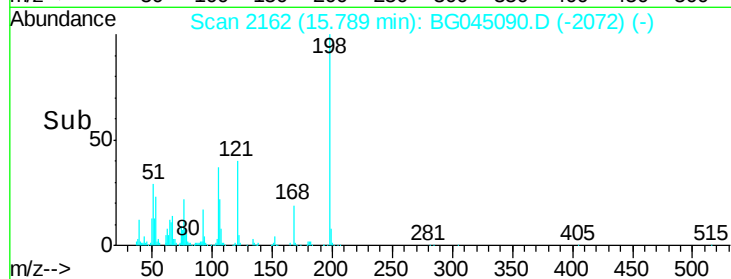
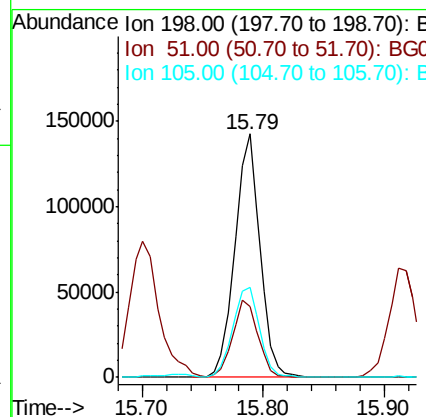
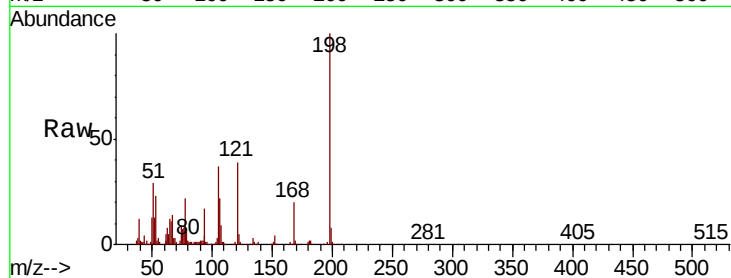
#65
4,6-Dinitro-2-methylphenol
Concen: 39.779 ng
RT: 15.79 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	29.1	10.0	50.0
105	37.2	18.9	58.9

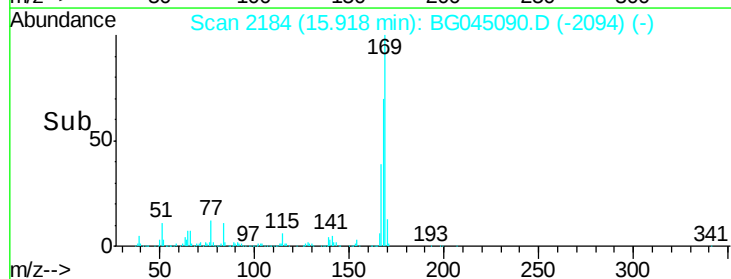
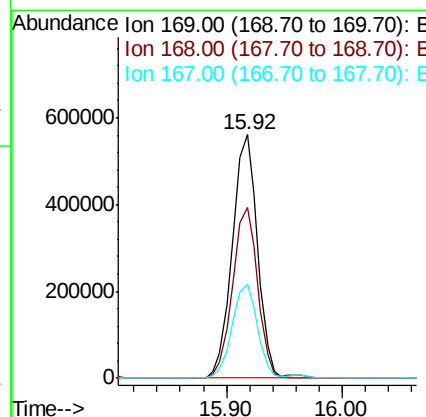
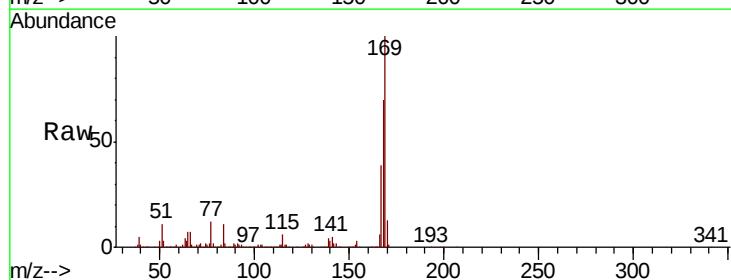
Manual Integrations
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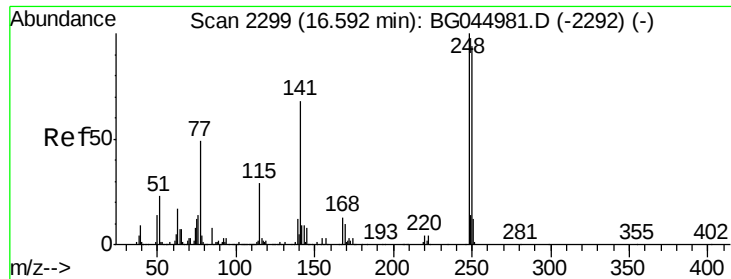
mohammad
4/21/2020 2:53:32 PM



#66
n-Nitrosodiphenylamine
Concen: 37.138 ng
RT: 15.92 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.8	83.8
167	38.8	30.8	46.2





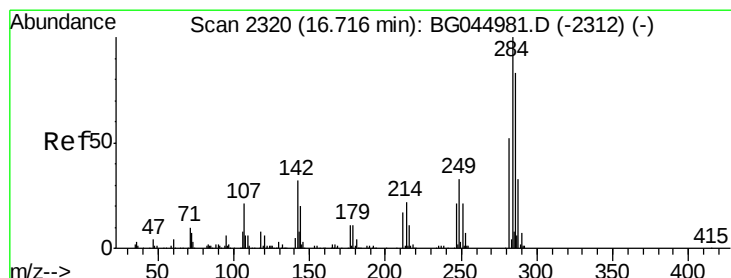
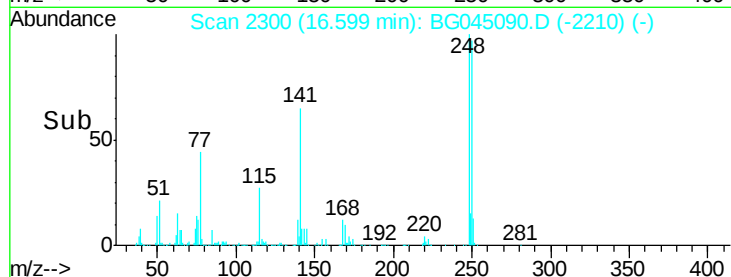
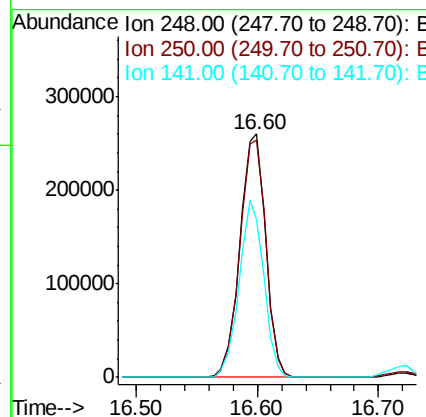
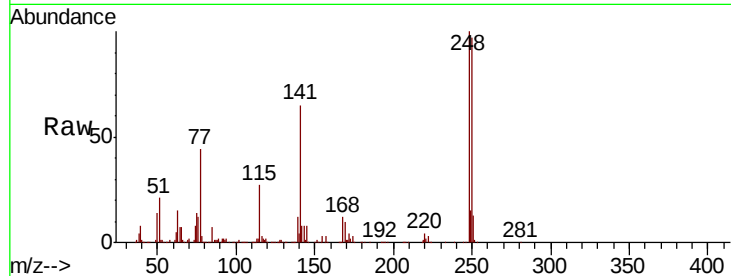
#67
4-Bromophenyl-phenylether
Concen: 37.960 ng
RT: 16.60 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	75.4	113.2
141	64.8	54.4	81.6

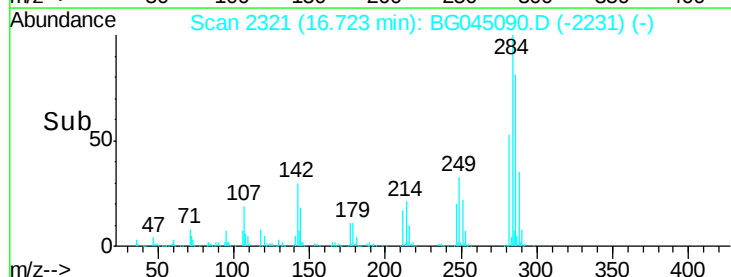
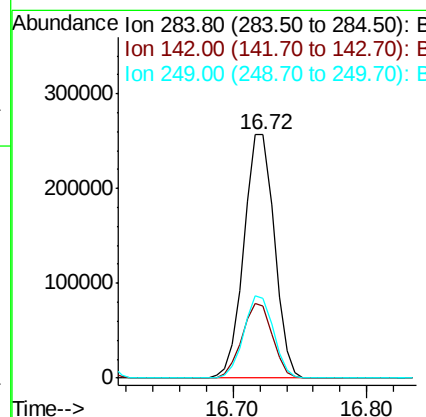
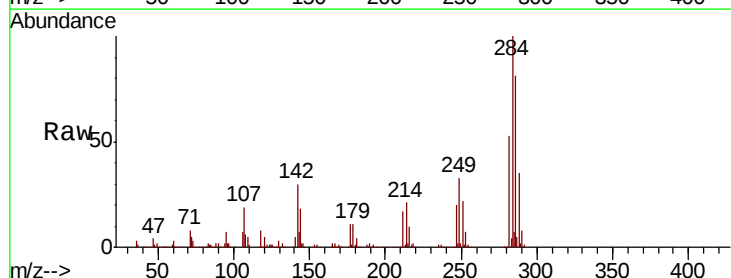
Manual Integrations
APPROVED

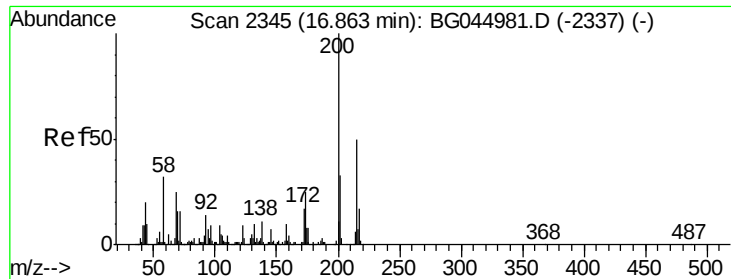
mohammad
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#68
Hexachlorobenzene
Concen: 38.198 ng
RT: 16.72 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	25.8	38.6
249	32.7	26.6	39.8





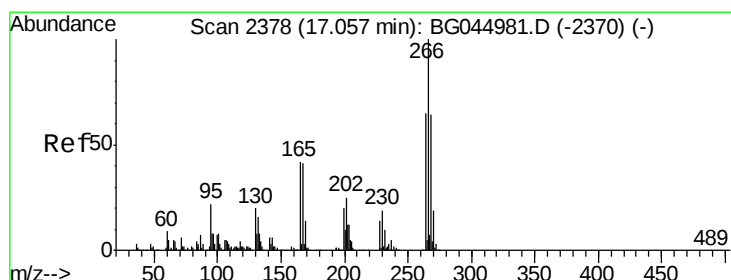
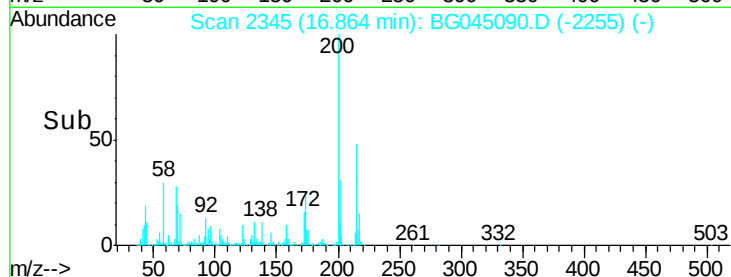
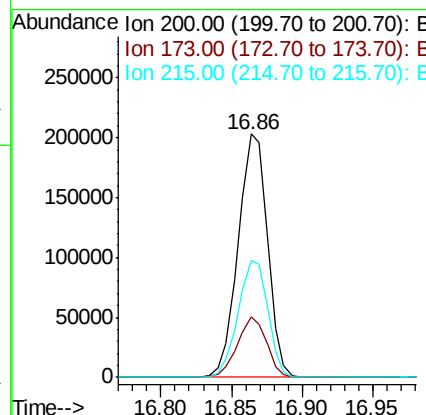
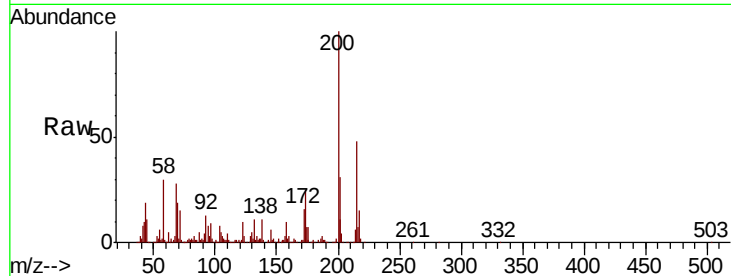
#69
 Atrazine
 Concen: 34.343 ng
 RT: 16.86 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Instrument :
 BNA_G
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	293884		
173	24.8		4.5	44.5
215	48.2		30.0	70.0

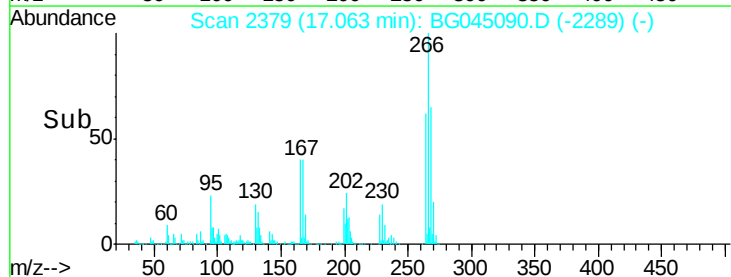
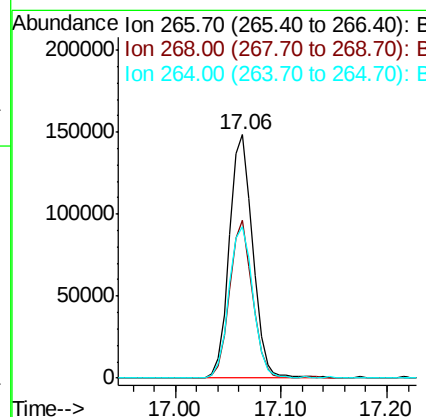
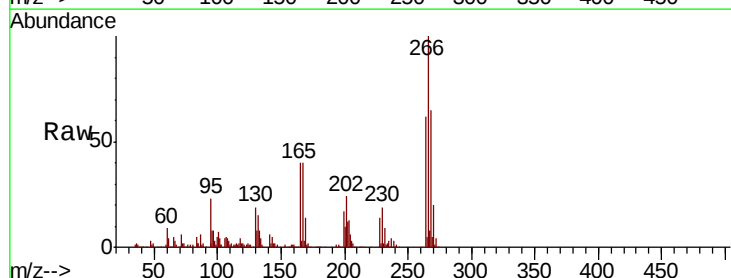
Manual Integrations
 APPROVED

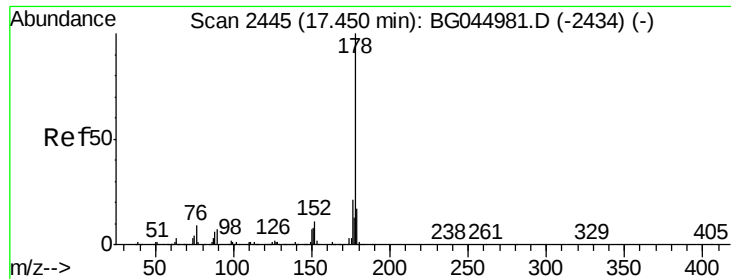
mohammad
 4/21/2020 2:53:32 PM



#70
 Pentachlorophenol
 Concen: 35.066 ng
 RT: 17.06 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	227528		
268	64.8		51.5	77.3
264	62.2		52.2	78.4





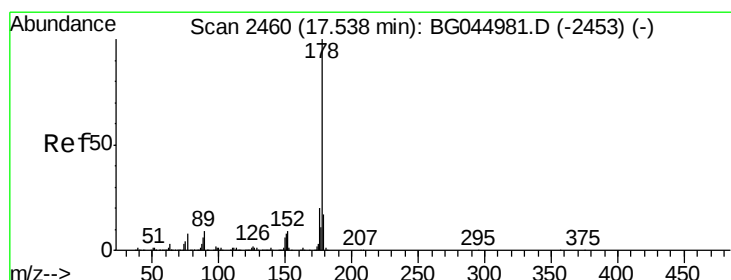
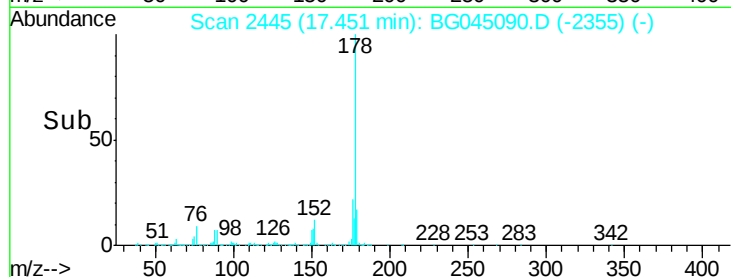
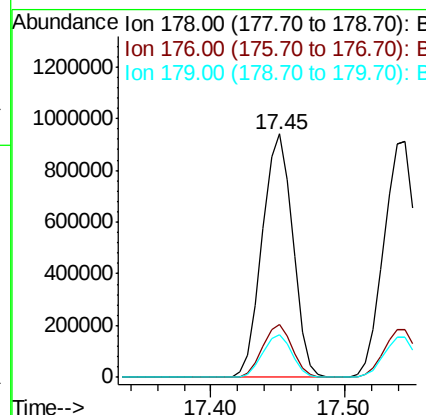
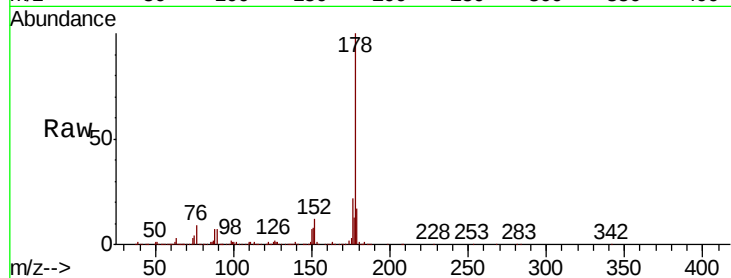
#71
Phenanthrene
Concen: 36.674 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.8	25.2
179	17.4	13.2	19.8

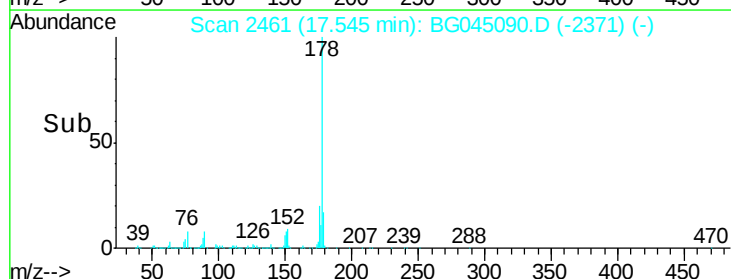
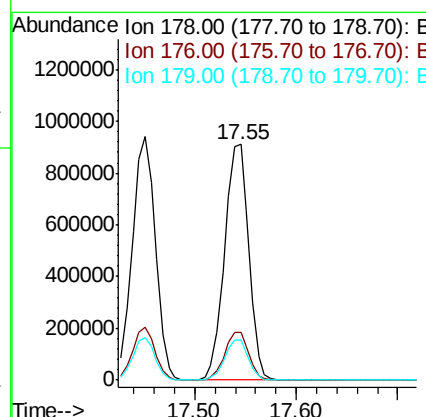
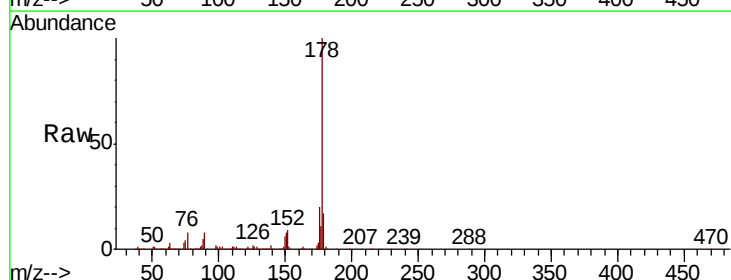
Manual Integrations
APPROVED

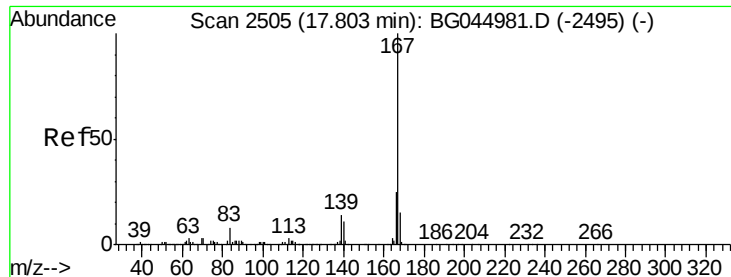
mohammad
4/21/2020 2:53:32 PM



#72
Anthracene
Concen: 36.915 ng
RT: 17.55 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	17.3	13.6	20.4





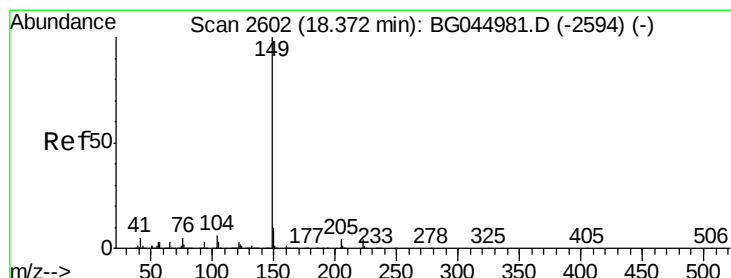
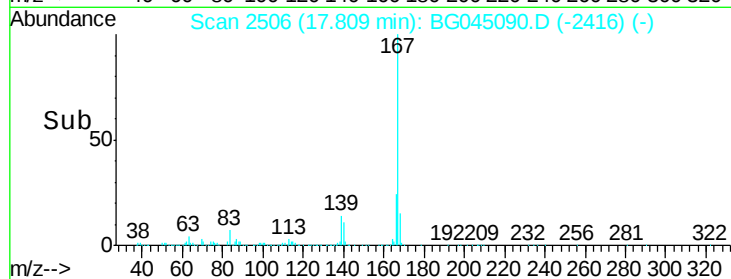
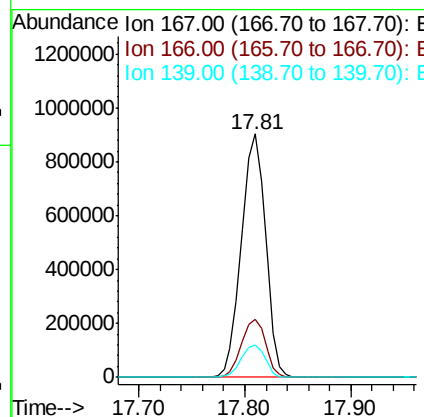
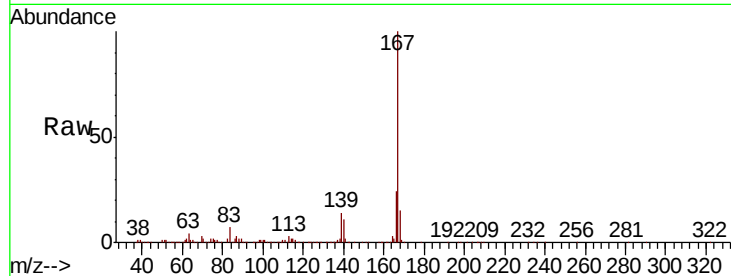
#73
 Carbazole
 Concen: 34.714 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.8	29.6
139	13.6	10.9	16.3

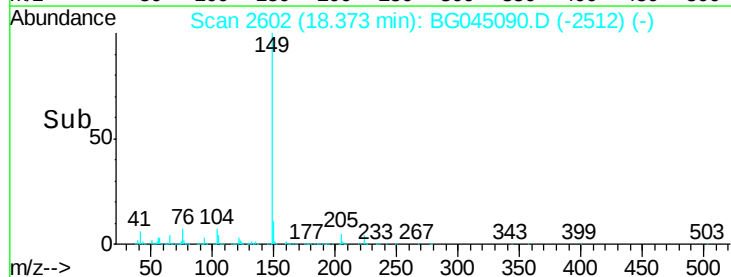
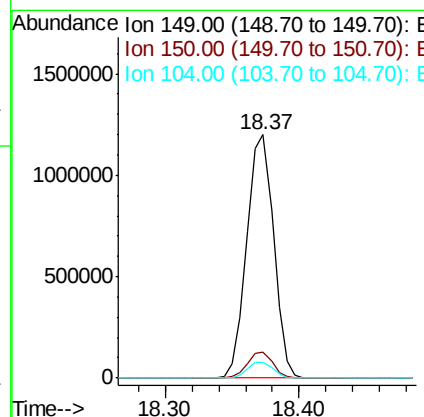
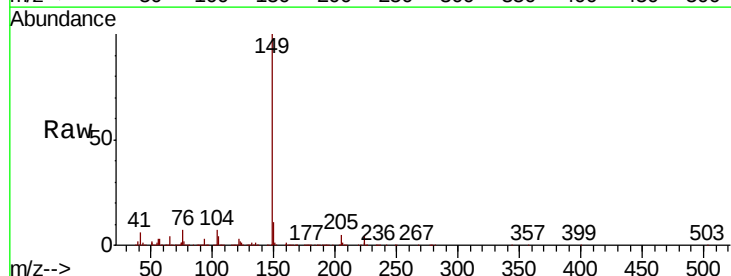
Manual Integrations
 APPROVED

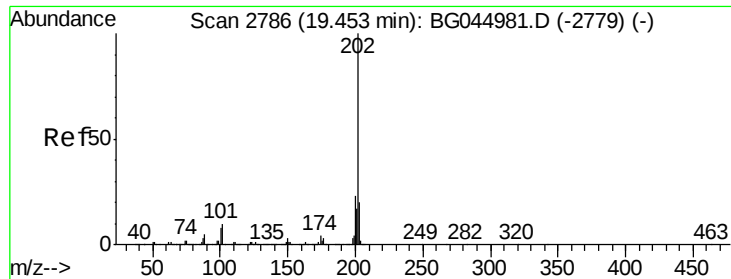
mohammad
 4/21/2020 2:53:32 PM



#74
 Di-n-butylphthalate
 Concen: 35.692 ng
 RT: 18.37 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG045090.D
 Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.2	12.2
104	6.7	4.8	7.2





#75

Fluoranthene

Concen: 34.873 ng

RT: 19.45 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

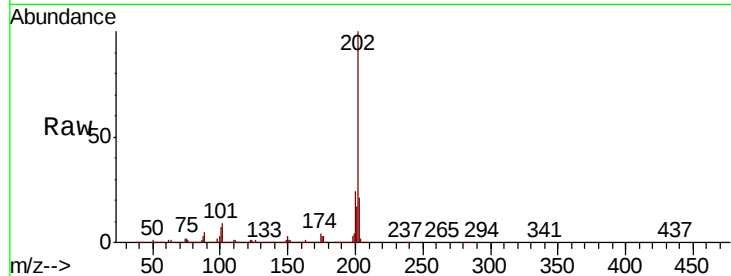
ClientSampleId :

SSTDCCC040

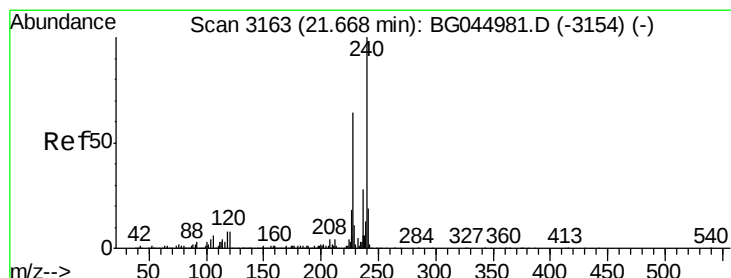
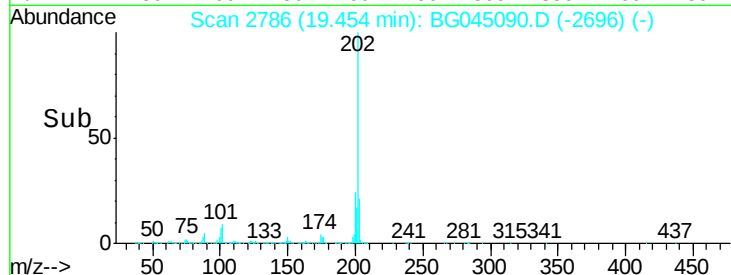
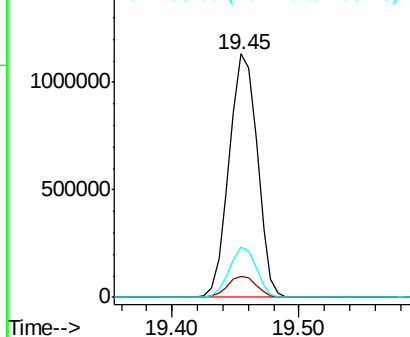
Tot Ion:	202	Resp:	1731399
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.6
203	20.5	0.0	39.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

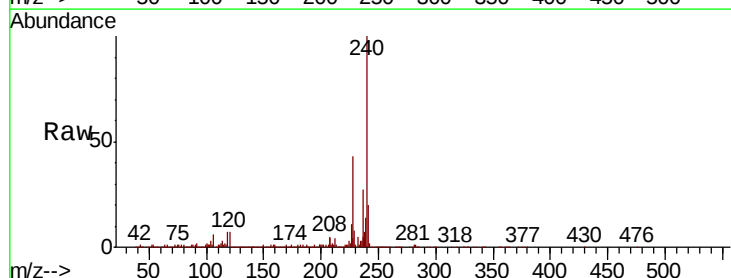
RT: 21.67 min Scan# 3164

Delta R.T. 0.00 min

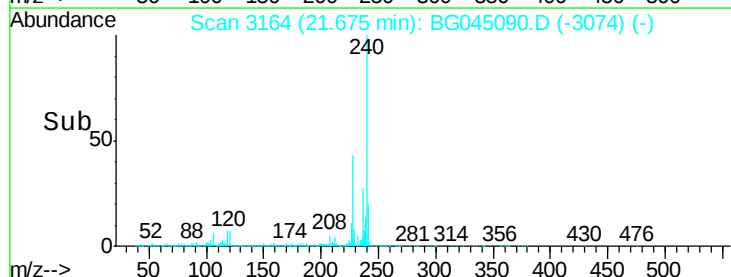
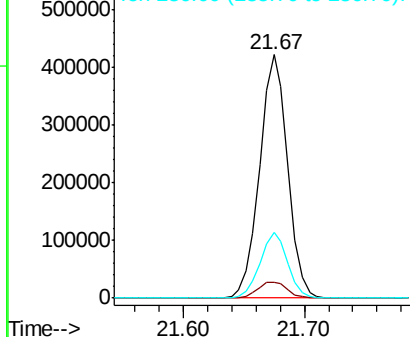
Lab File: BG045090.D

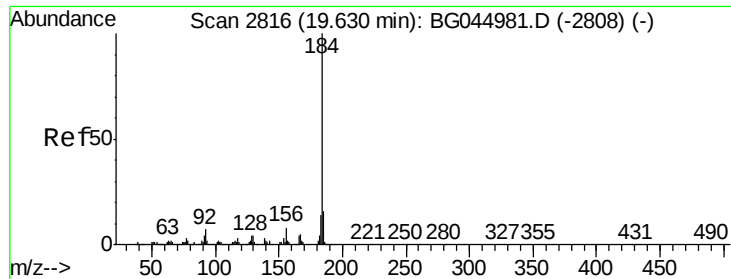
Acq: 20 Apr 2020 11:03

Tgt Ion:	240	Resp:	678197
Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.6	10.0
236	27.2	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.767 ng

RT: 19.63 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

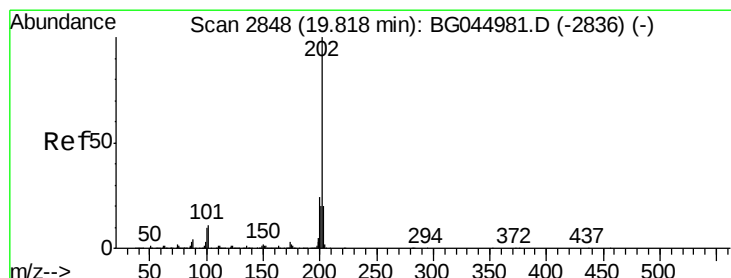
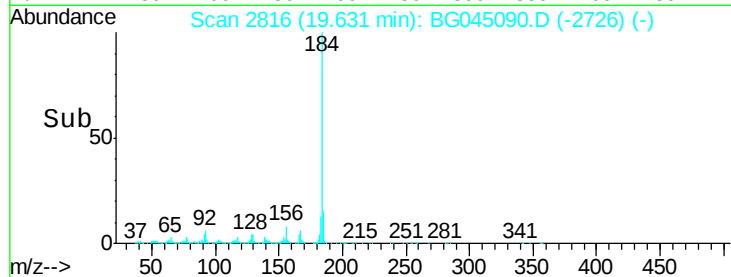
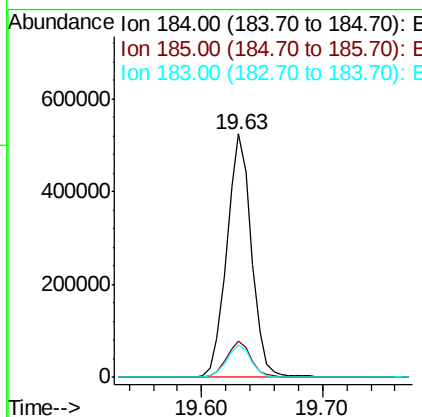
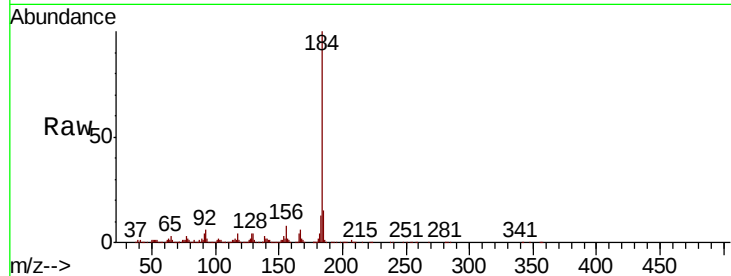
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	743619
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	19.0
183	13.3	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 37.248 ng

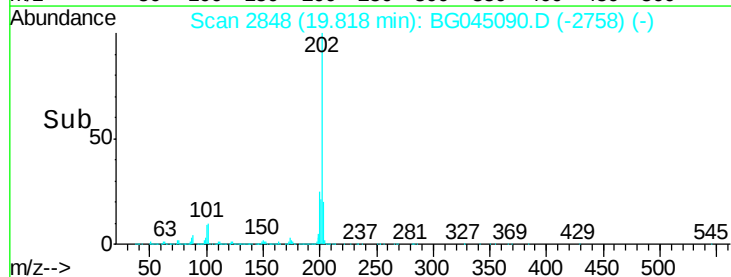
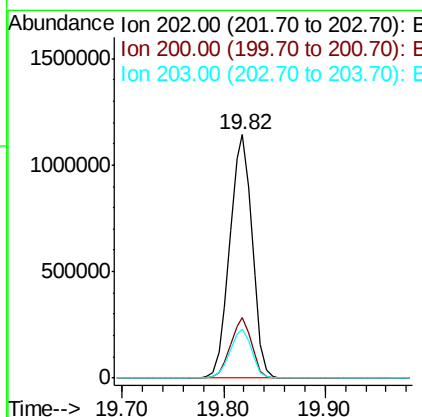
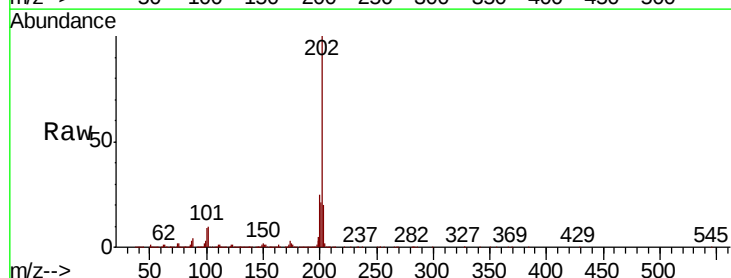
RT: 19.82 min Scan# 2848

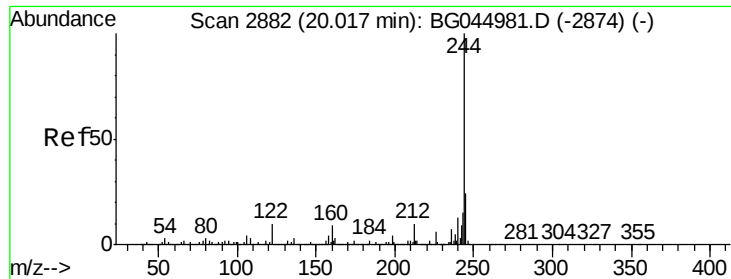
Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Tgt Ion:	202	Resp:	1741541
Ion Ratio	Lower	Upper	
202	100		
200	24.8	19.0	28.6
203	20.2	16.1	24.1





#79

Terphenyl-d14

Concen: 78.871 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2454152

Ion Ratio Lower Upper

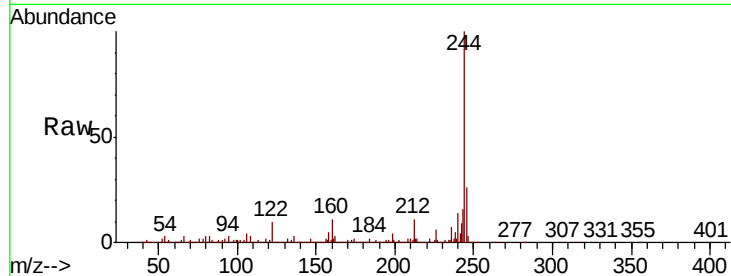
244 100

212 10.9 7.9 11.9

122 10.3 7.7 11.5

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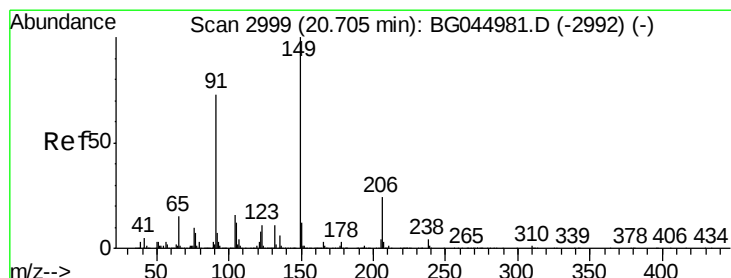
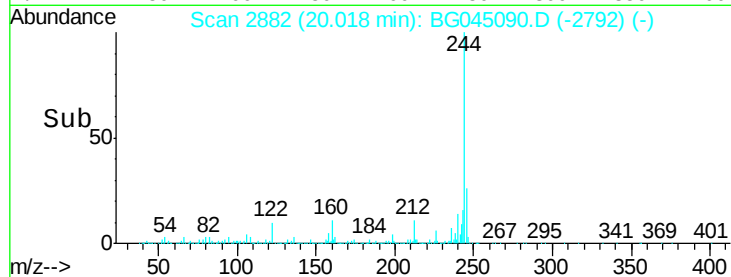
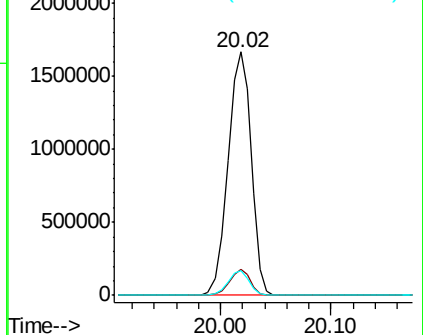
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.794 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

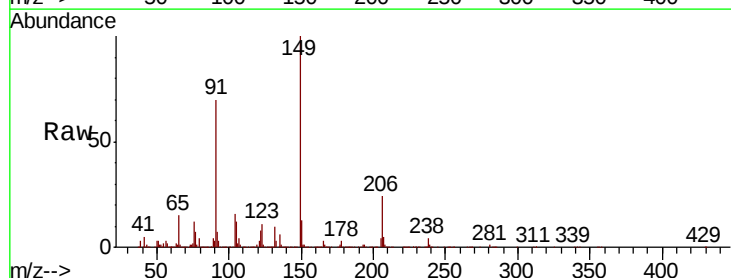
Tgt Ion:149 Resp: 732467

Ion Ratio Lower Upper

149 100

91 70.4 58.5 87.7

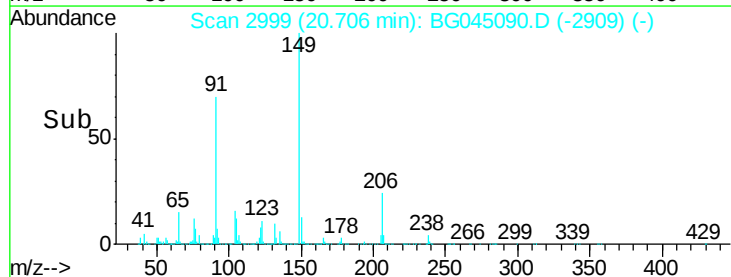
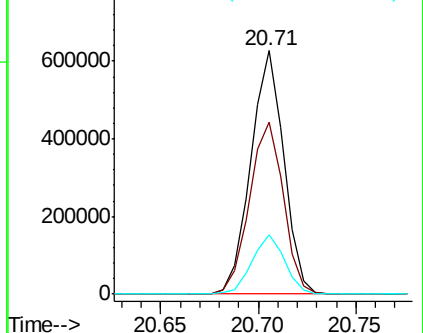
206 24.5 19.2 28.8

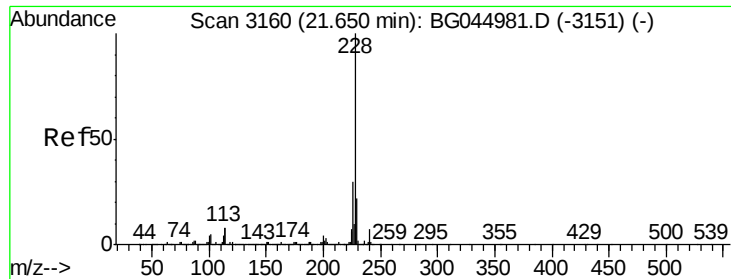


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.886 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1665335

Ion Ratio Lower Upper

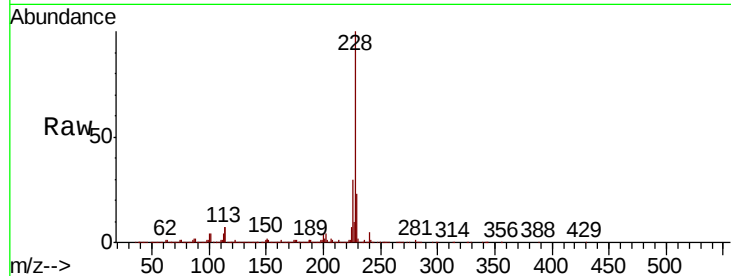
228 100

226 30.2 24.0 36.0

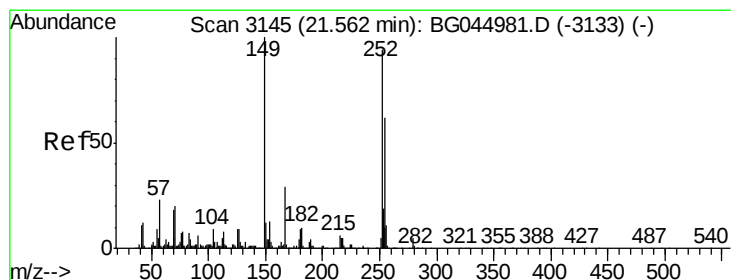
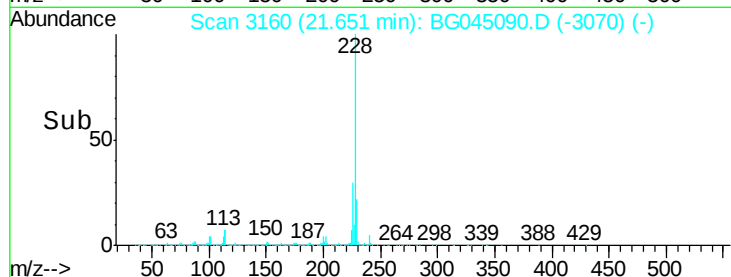
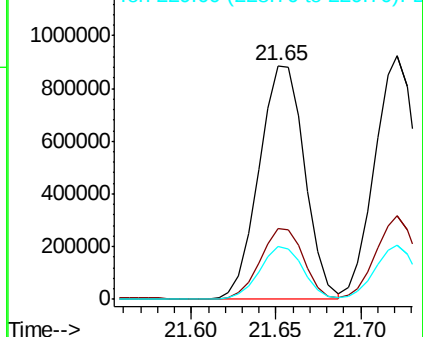
229 22.5 17.5 26.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.831 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

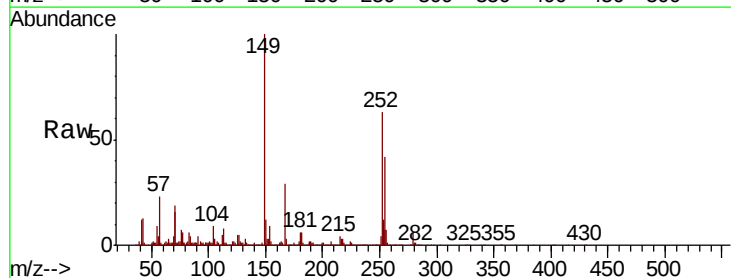
Tgt Ion:252 Resp: 679377

Ion Ratio Lower Upper

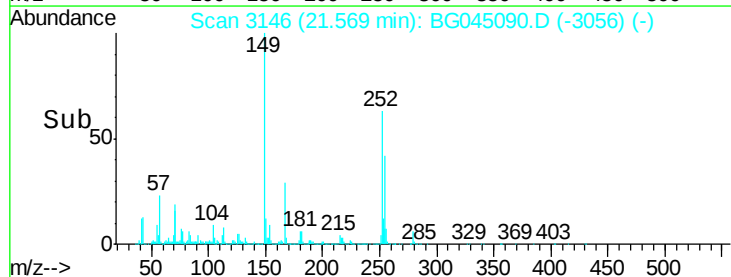
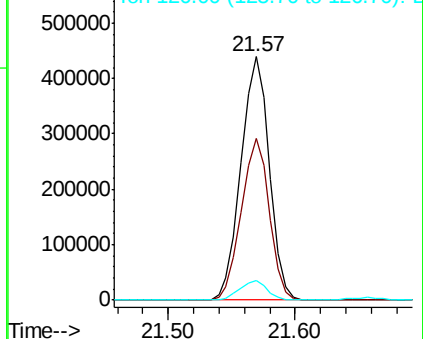
252 100

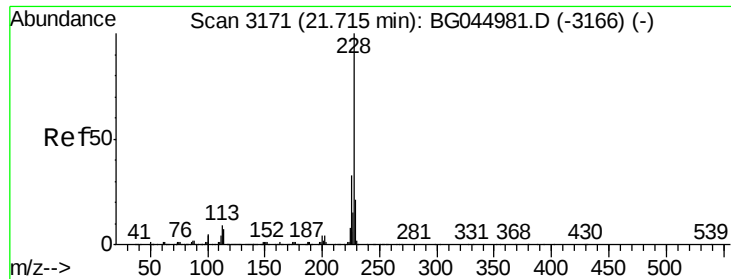
254 66.4 52.6 79.0

126 8.0 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





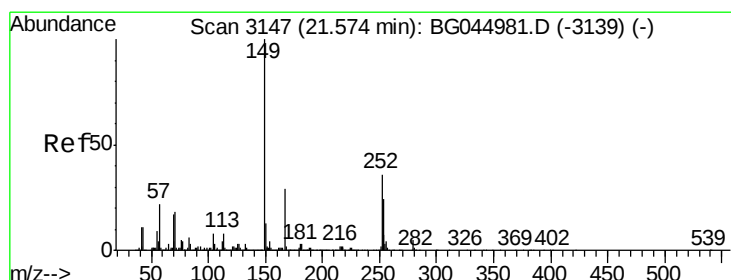
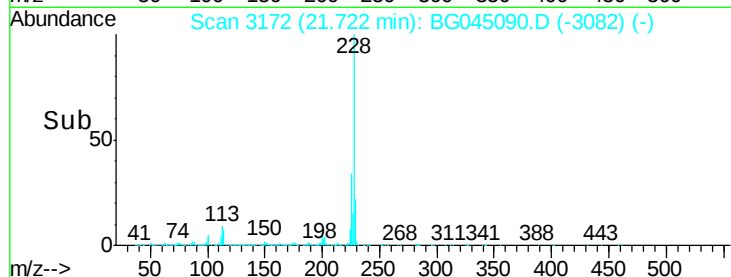
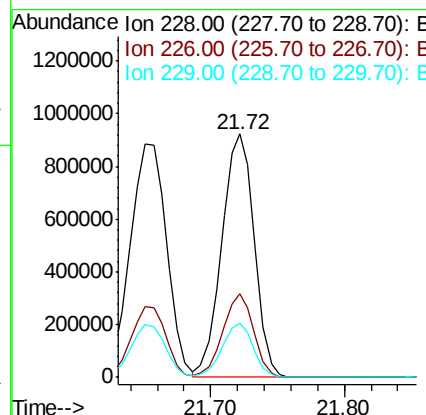
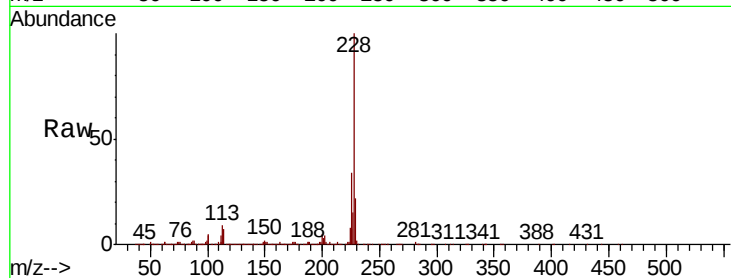
#83
Chrysene
Concen: 37.127 ng
RT: 21.72 min Scan# 3172
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.2	39.4
229	22.2	17.0	25.6

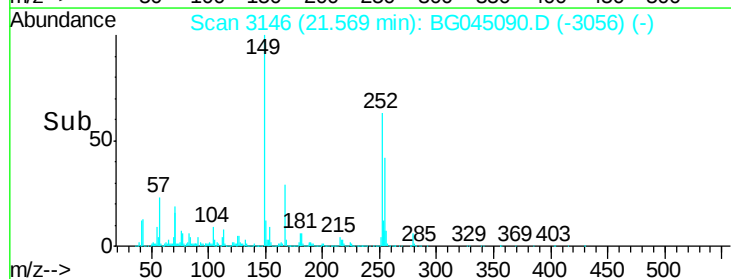
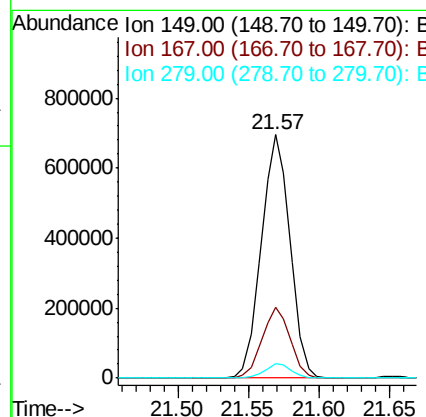
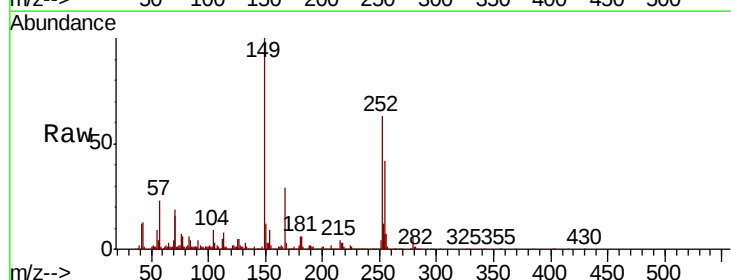
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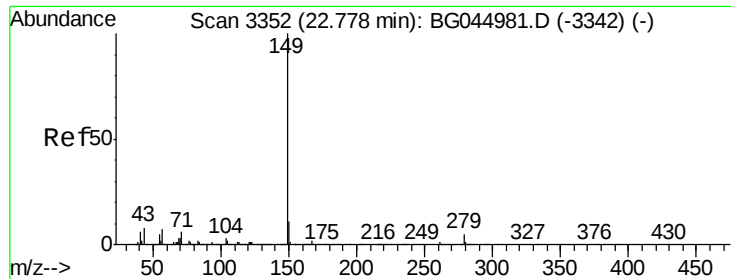
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.273 ng
RT: 21.57 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	5.8	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 36.738 ng

RT: 22.78 min Scan# 3352

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1693391

Ion Ratio Lower Upper

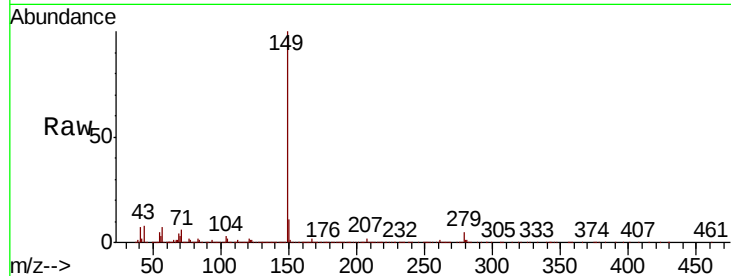
149 100

167 1.8 1.4 2.2

43 7.6 5.7 8.5

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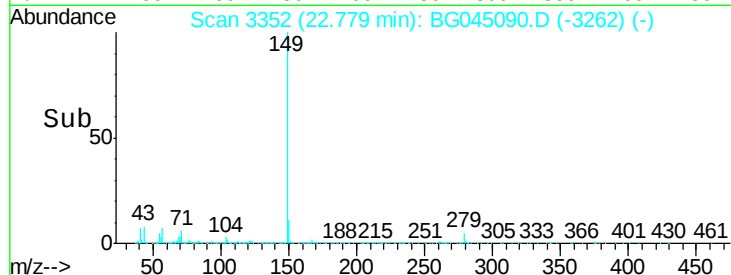


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time-->



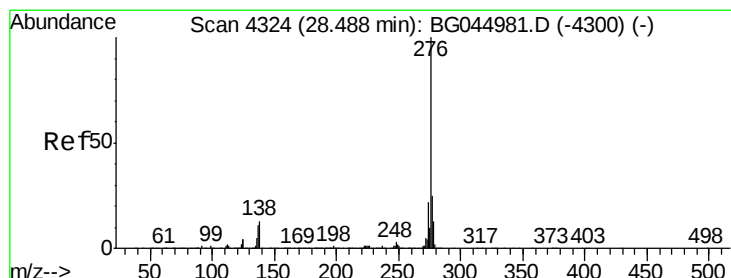
Abundance

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): B

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.157 ng

RT: 28.50 min Scan# 4326

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

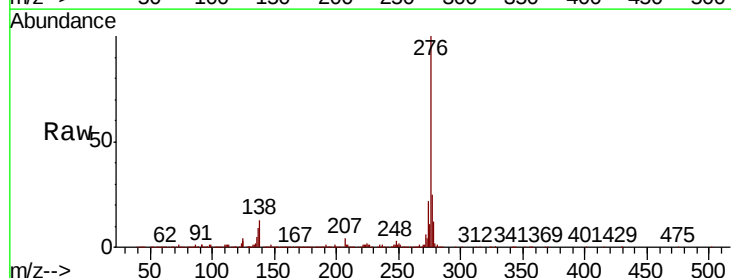
Tgt Ion:276 Resp: 2083570

Ion Ratio Lower Upper

276 100

138 11.4 9.6 14.4

277 25.8 20.6 31.0

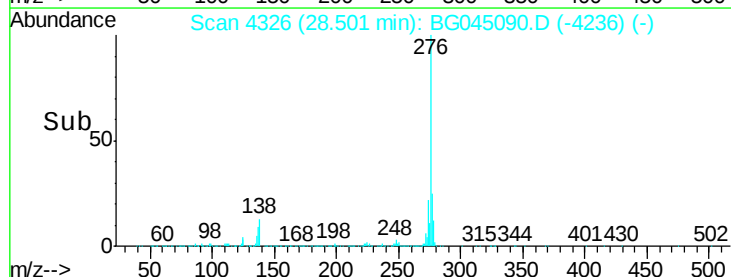


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



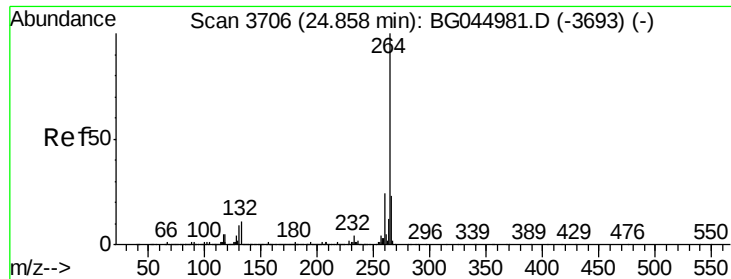
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



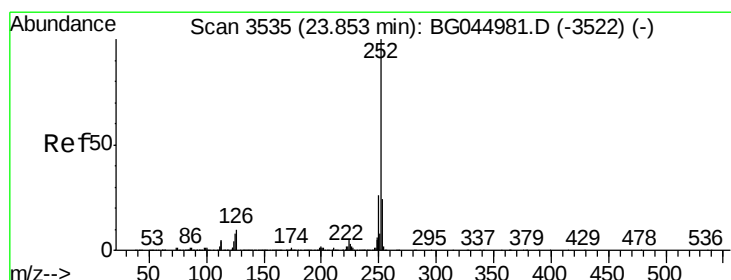
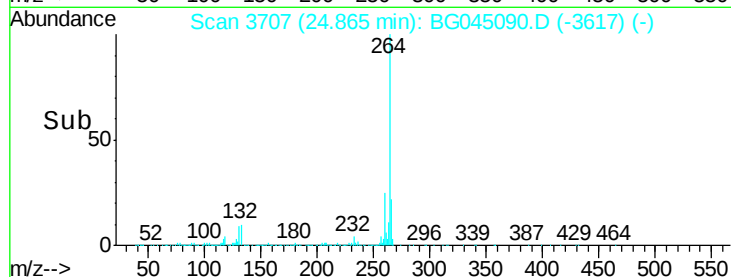
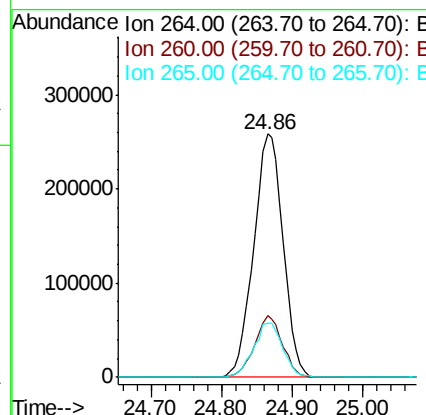
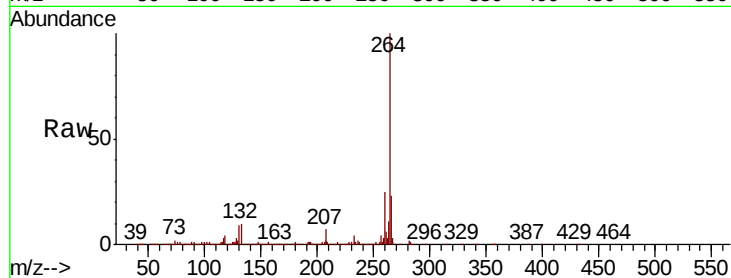
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	22.5	19.0	28.4

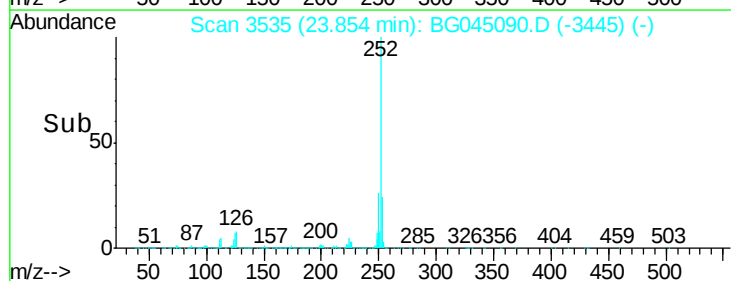
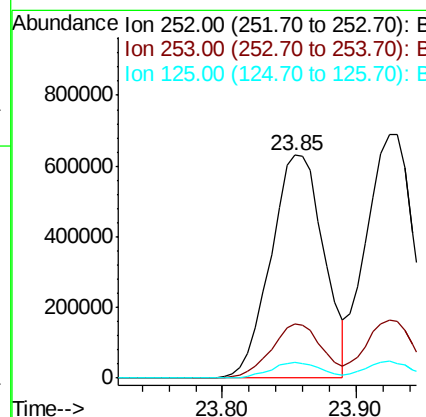
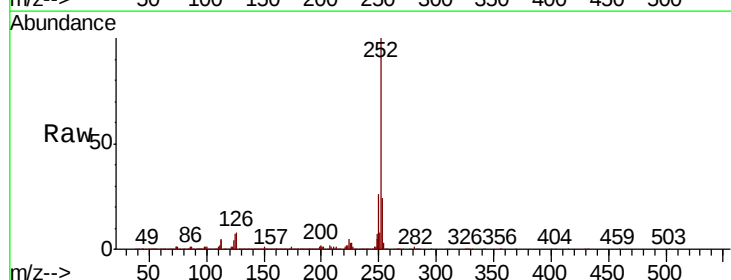
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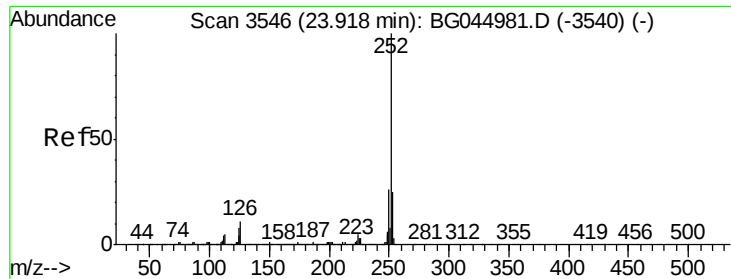
mohammad
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#88
Benzo(b)fluoranthene
Concen: 36.928 ng
RT: 23.85 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.8	28.2
125	7.0	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 37.702 ng

RT: 23.92 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1686789

Ion Ratio Lower Upper

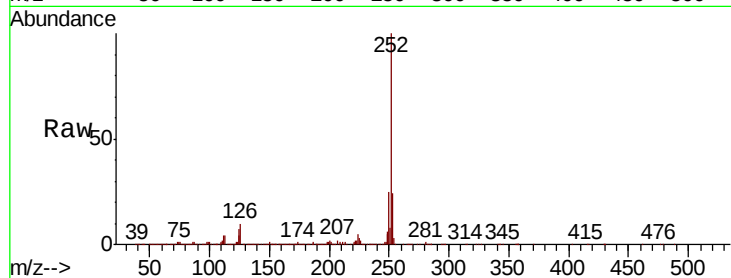
252 100

253 23.6 19.2 28.8

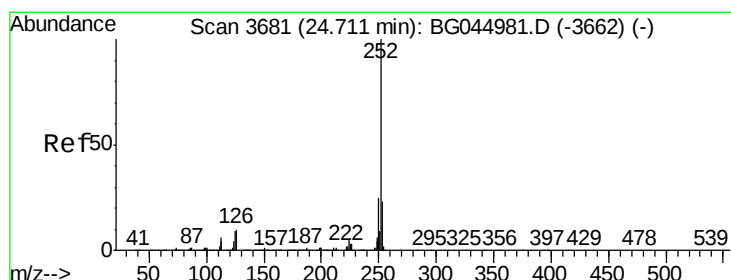
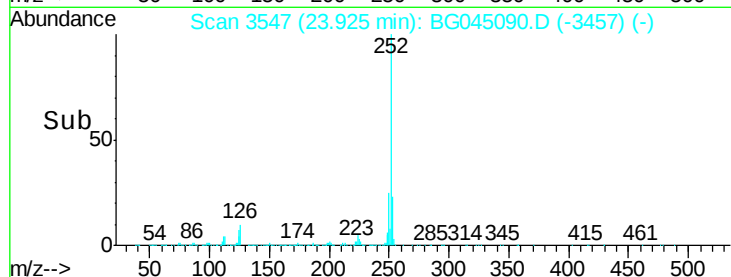
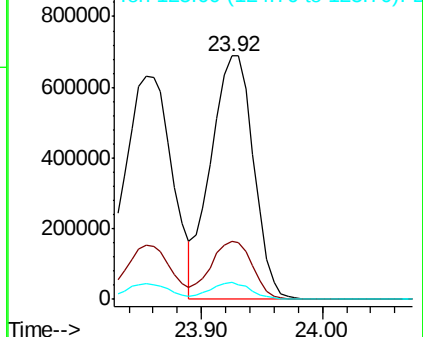
125 7.0 5.9 8.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.574 ng

RT: 24.72 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG045090.D

Acq: 20 Apr 2020 11:03

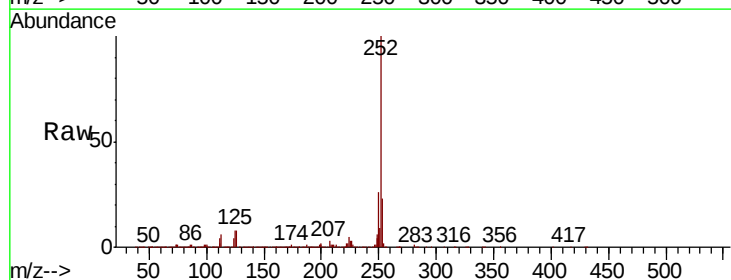
Tgt Ion:252 Resp: 1668944

Ion Ratio Lower Upper

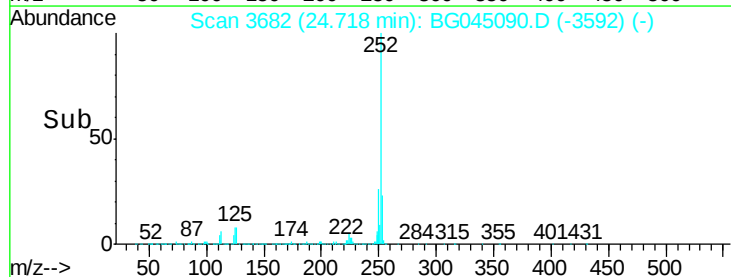
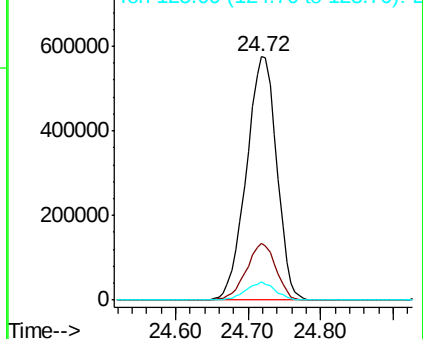
252 100

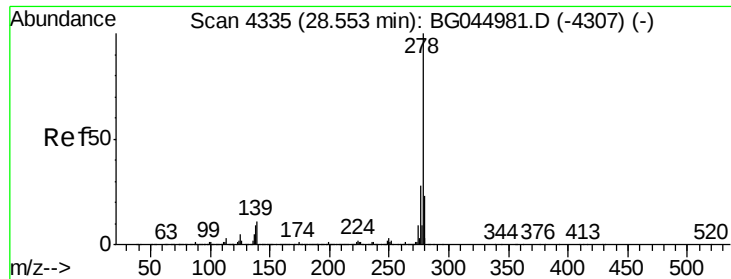
253 23.2 18.3 27.5

125 7.6 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





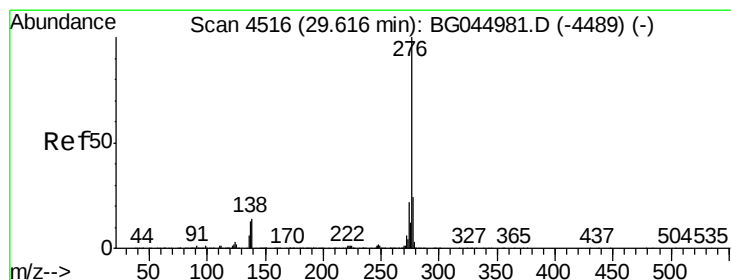
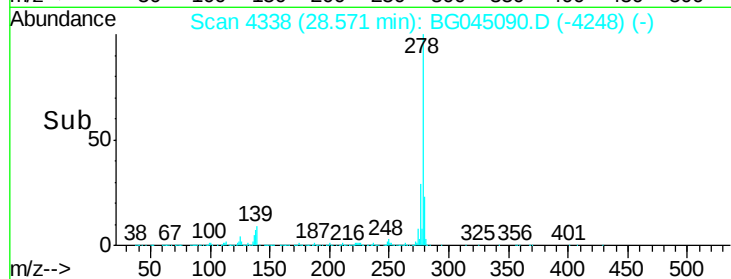
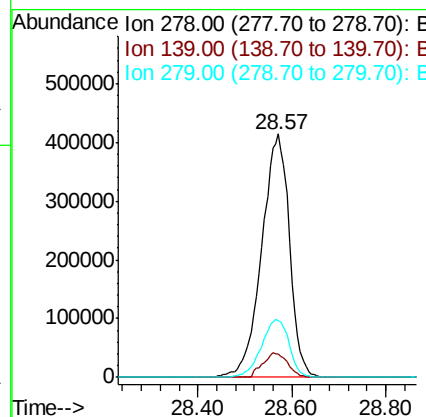
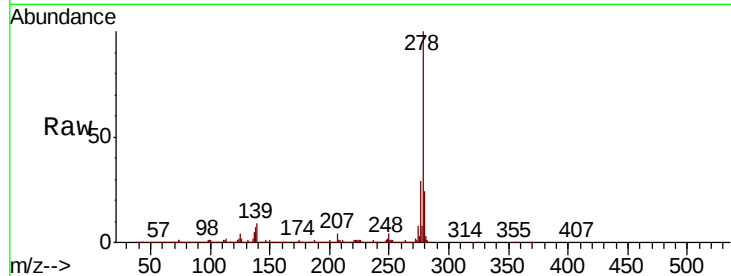
#91
Dibenzo(a,h)anthracene
Concen: 37.918 ng
RT: 28.57 min Scan# 4338
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.0	13.6
279	23.5	18.4	27.6

Manual Integrations
APPROVED

mohammad
4/21/2020 2:53:32 PM



#92
Benzo(g,h,i)perylene
Concen: 37.216 ng
RT: 29.63 min Scan# 4519
Delta R.T. 0.00 min
Lab File: BG045090.D
Acq: 20 Apr 2020 11:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.3	28.9
138	12.2	11.4	17.2

