

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044750.D
 Acq On : 13 Mar 2020 1:27
 Operator : CG/JU
 Sample : PB127459BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127459BS

Manual Integrations
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 3/16/2020 1:48:33 PM

Quant Time: Mar 13 07:34:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91747	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	370111	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	258699	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	594540	20.00	ng	0.00
76) Chrysene-d12	21.71	240	537149	20.00	ng	0.00
87) Perylene-d12	24.92	264	647307	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	788976	133.87	ng	0.00
7) Phenol-d6	7.21	99	1095207	127.90	ng	0.00
23) Nitrobenzene-d5	9.21	82	708797	84.04	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	430795	127.18	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1470553	81.40	ng	0.00
79) Terphenyl-d14	20.04	244	2389392	83.21	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	103811	36.577	ng	93
3) Pyridine	3.91	79	265748	31.629	ng	94
4) n-Nitrosodimethylamine	3.82	42	148040	46.439	ng	98
6) Aniline	7.37	93	420864	39.498	ng	98
8) 2-Chlorophenol	7.62	128	296076	50.324	ng	97
9) Benzaldehyde	7.18	77	231961	46.572	ng	98
10) Phenol	7.24	94	405194	47.795	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	296759	43.861	ng	99
12) 1,3-Dichlorobenzene	7.95	146	307282	42.398	ng	98
13) 1,4-Dichlorobenzene	8.09	146	311161	43.427	ng	99
14) 1,2-Dichlorobenzene	8.41	146	286881	42.217	ng	96
15) Benzyl Alcohol	8.29	79	318710	46.388	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	496785	41.607	ng	98
17) 2-Methylphenol	8.49	107	274873	47.865	ng	97
18) Hexachloroethane	9.15	117	122758	43.517	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	255370	42.234	ng	97
20) 3+4-Methylphenols	8.82	107	378841	47.856	ng	97
22) Acetophenone	8.87	105	441754	42.131	ng	# 98
24) Nitrobenzene	9.25	77	386955	44.215	ng	96
25) Isophorone	9.78	82	708943	43.067	ng	96
26) 2-Nitrophenol	9.97	139	148614	48.809	ng	98
27) 2,4-Dimethylphenol	10.03	122	283074	52.805	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	406509	41.380	ng	96
29) 2,4-Dichlorophenol	10.51	162	299053	47.762	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	316660	42.296	ng	94
31) Naphthalene	10.91	128	888149	43.319	ng	99
32) Benzoic acid	10.16	122	182436	44.555	ng	91
33) 4-Chloroaniline	11.01	127	275021	29.774	ng	97
34) Hexachlorobutadiene	11.21	225	200999	40.825	ng	98
35) Caprolactam	11.78	113	105590m	44.540	ng	
36) 4-Chloro-3-methylphenol	12.13	107	357526	47.877	ng	99
37) 2-Methylnaphthalene	12.52	142	673092	43.888	ng	97
38) 1-Methylnaphthalene	12.73	142	643885	44.657	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	341982	40.140	ng	98

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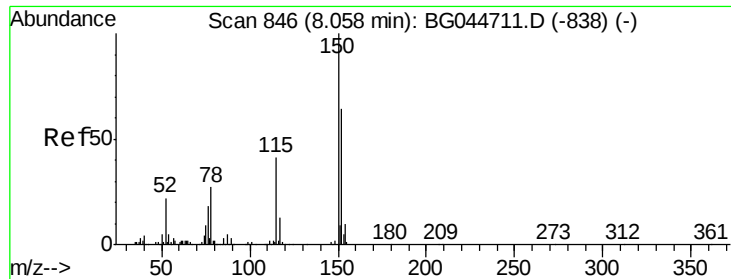
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	485283	104.225	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	259885	45.964	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	278471	47.491	nq	97
46) 1,1'-Biphenyl	13.52	154	848346	41.036	nq	98
47) 2-Chloronaphthalene	13.56	162	652694	41.329	nq	98
48) 2-Nitroaniline	13.75	65	252908	45.743	nq	97
49) Acenaphthylene	14.41	152	1081463	43.711	nq	99
50) Dimethylphthalate	14.14	163	877079	42.568	nq	99
51) 2,6-Dinitrotoluene	14.25	165	195309	47.027	nq	98
52) Acenaphthene	14.75	154	780884	48.193	nq	98
53) 3-Nitroaniline	14.57	138	157745	33.036	nq	96
54) 2,4-Dinitrophenol	14.78	184	204029	92.554	nq	# 70
55) Dibenzofuran	15.09	168	1029754	43.825	nq	99
56) 4-Nitrophenol	14.88	139	349016	95.775	nq	96
57) 2,4-Dinitrotoluene	15.04	165	266179	46.731	nq	96
58) Fluorene	15.74	166	846700	43.805	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	258599m	47.902	nq	
60) Diethylphthalate	15.51	149	922248	42.915	nq	100
61) 4-Chlorophenyl-phenylether	15.73	204	454272	43.647	nq	98
62) 4-Nitroaniline	15.74	138	214912	42.210	nq	98
63) Azobenzene	16.03	77	977959	43.822	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	148010	52.113	nq	97
66) n-Nitrosodiphenylamine	15.94	169	783083	43.748	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	312536	42.049	nq	98
68) Hexachlorobenzene	16.74	284	337260	41.825	nq	95
69) Atrazine	16.89	200	303139	46.224	nq	99
70) Pentachlorophenol	17.08	266	424206	95.613	nq	98
71) Phenanthrene	17.48	178	1377416	43.354	nq	100
72) Anthracene	17.56	178	1423889	45.451	nq	99
73) Carbazole	17.83	167	1327506	44.113	nq	99
74) Di-n-butylphthalate	18.40	149	1619793	44.279	nq	99
75) Fluoranthene	19.48	202	1711329	45.239	nq	98
77) Benzidine	19.66	184	1097633	62.945	nq	97
78) Pyrene	19.84	202	1701279	43.170	nq	98
80) Butylbenzylphthalate	20.74	149	748844	42.713	nq	98
81) Benzo(a)anthracene	21.68	228	1686101	43.593	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	524815	35.073	nq	99
83) Chrysene	21.75	228	1609895	43.573	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	1040009	42.982	nq	100
85) Di-n-octyl phthalate	22.84	149	1823100	45.025	nq	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2187362	45.158	nq	99
88) Benzo(b)fluoranthene	23.90	252	1853666	43.377	nq	99
89) Benzo(k)fluoranthene	23.97	252	1743202	43.105	nq	99
90) Benzo(a)pyrene	24.77	252	1703606	42.605	nq	99
91) Dibenzo(a,h)anthracene	28.66	278	1772466	44.931	nq	100
92) Benzo(g,h,i)perylene	29.73	276	1811484	45.451	nq	99

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



#1

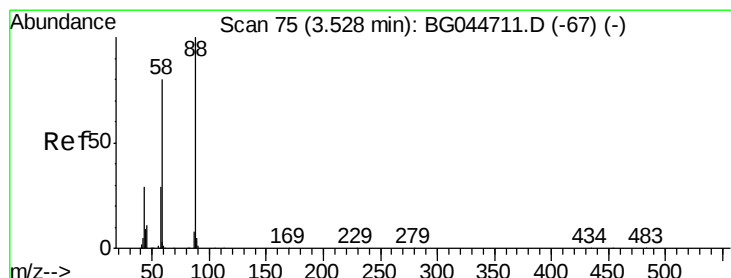
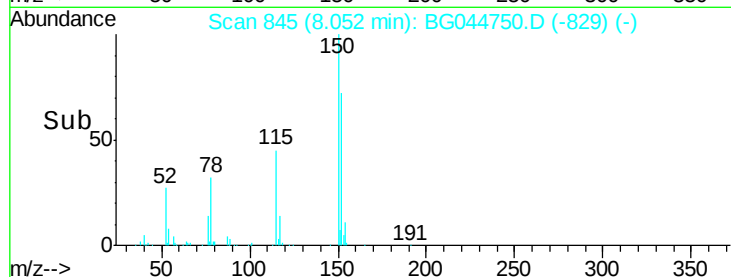
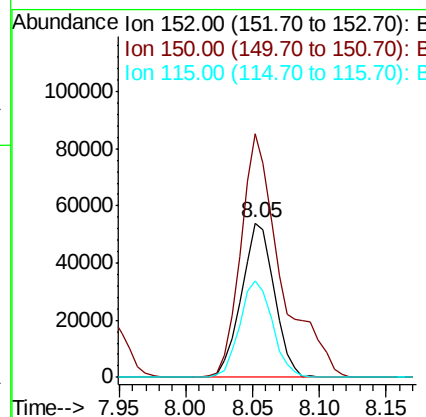
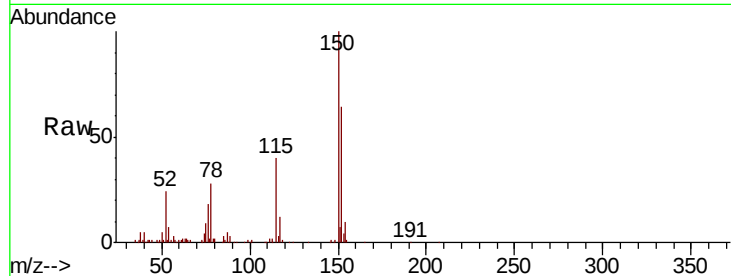
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.3	187.9
115	62.4	51.7	77.5

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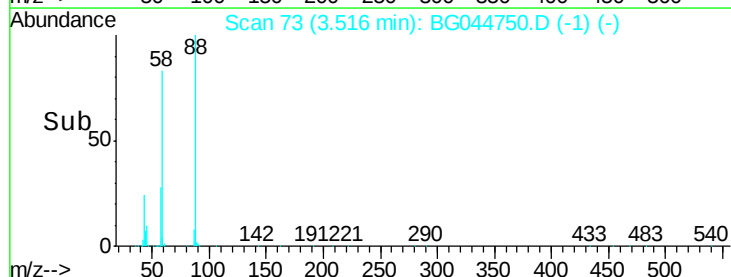
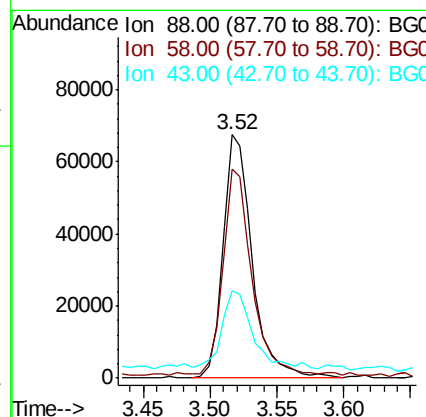
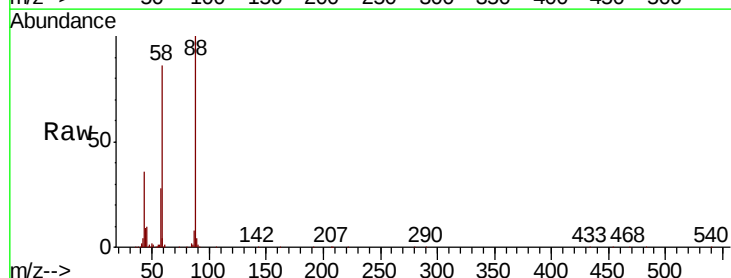
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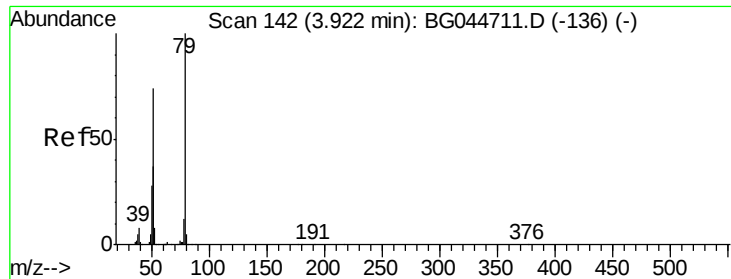


#2

1,4-Dioxane
Concen: 36.577 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	63.0	94.4
43	33.2	23.2	34.8





#3

Pvridine

Concen: 31.629 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

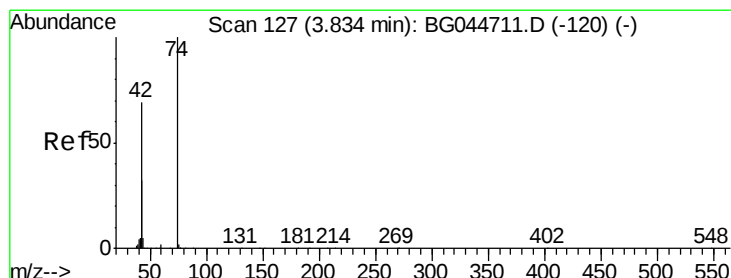
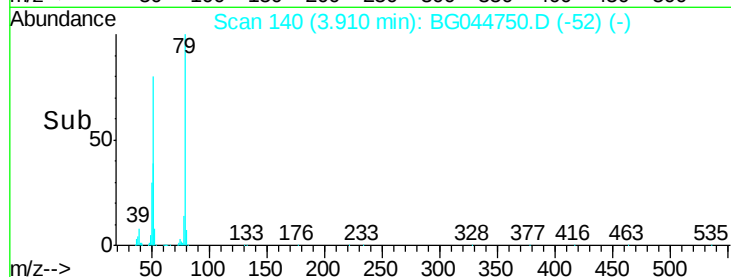
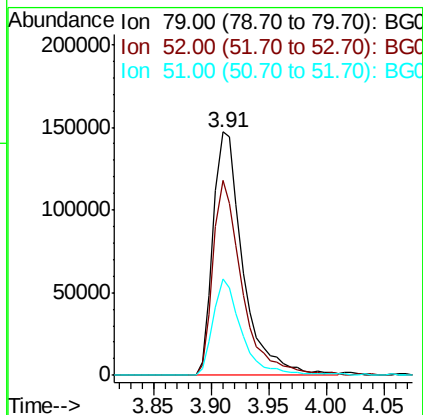
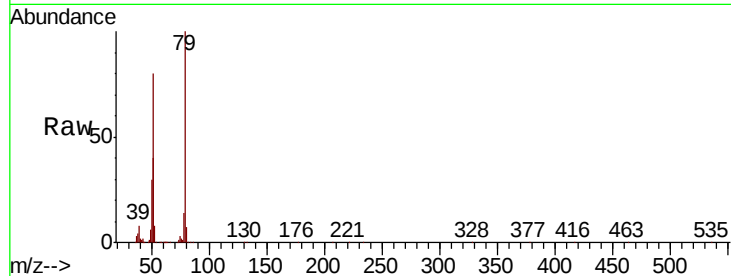
ClientSampleId :

PB127459BS

Tot Ion:	79	Resp:	265748
Ion Ratio	Lower	Upper	
79	100		
52	80.0	59.4	89.2
51	39.7	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 46.439 ng

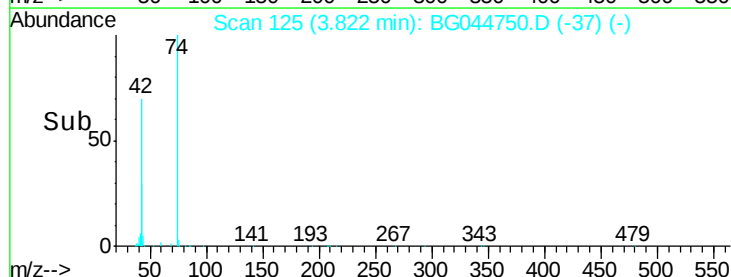
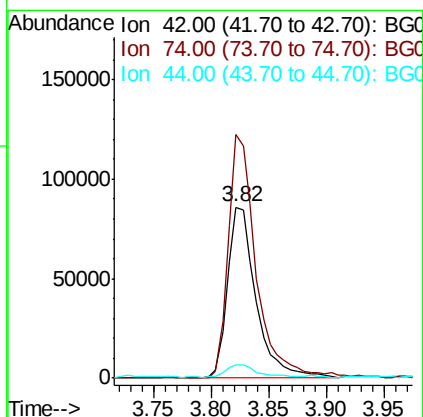
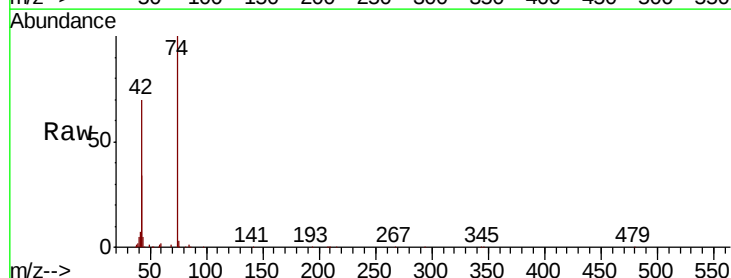
RT: 3.82 min Scan# 125

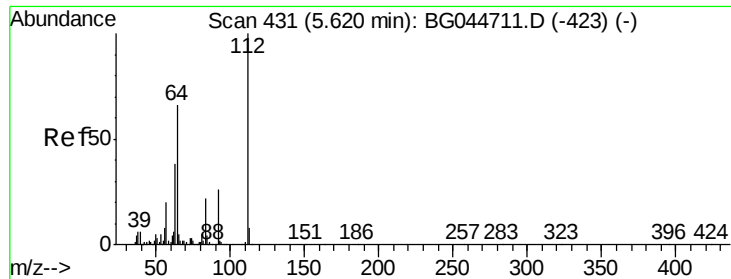
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:	42	Resp:	148040
Ion Ratio	Lower	Upper	
42	100		
74	142.3	116.1	174.1
44	7.7	7.1	10.7





#5

2-Fluorophenol

Concen: 133.867 ng

RT: 5.62 min Scan# 431

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

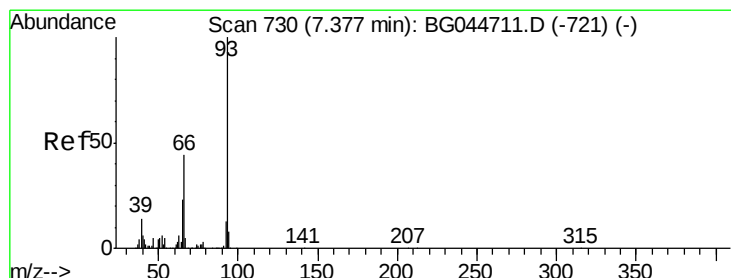
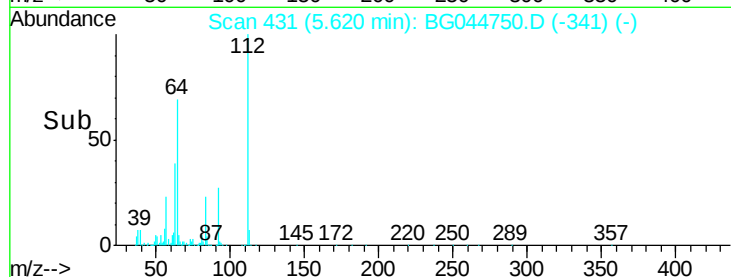
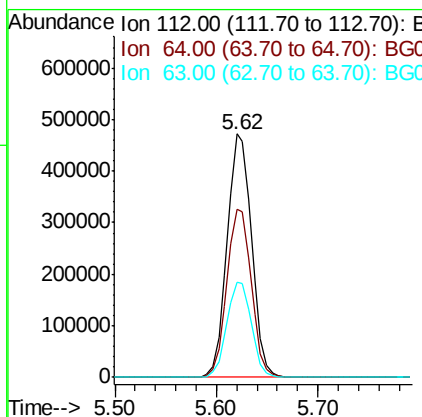
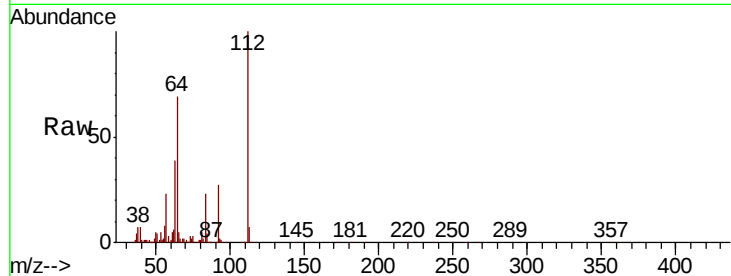
ClientSampleId :

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Tot Ion:	112	Resp:	788976
Ion Ratio	Lower	Upper	
112	100		
64	68.8	52.6	78.8
63	39.3	30.2	45.4

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#6

Aniline

Concen: 39.498 ng

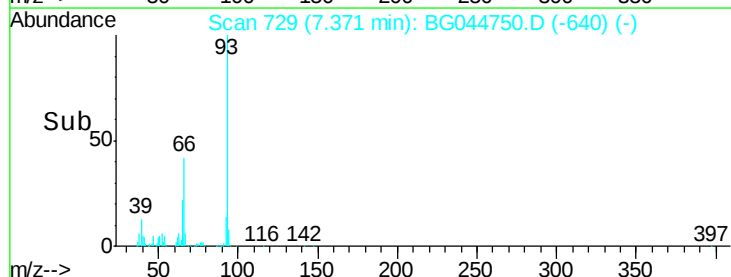
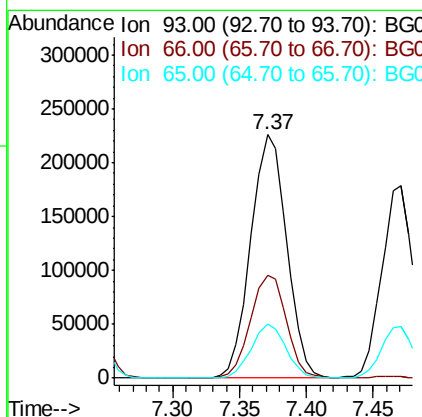
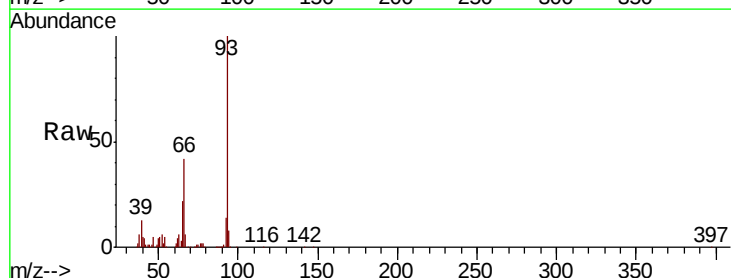
RT: 7.37 min Scan# 729

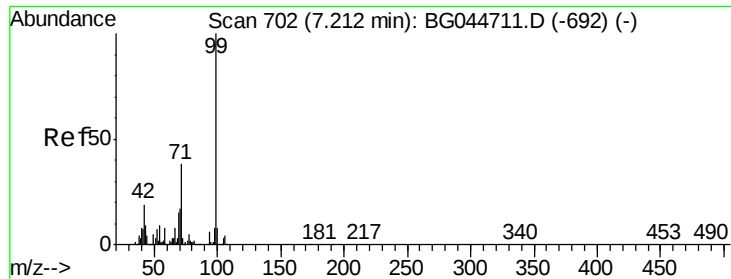
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:	93	Resp:	420864
Ion Ratio	Lower	Upper	
93	100		
66	42.0	35.3	52.9
65	22.3	18.2	27.4





#7

Phenol-d6

Concen: 127.898 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

PB127459BS

Tot Ion: 99 Resp: 1095207

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.0

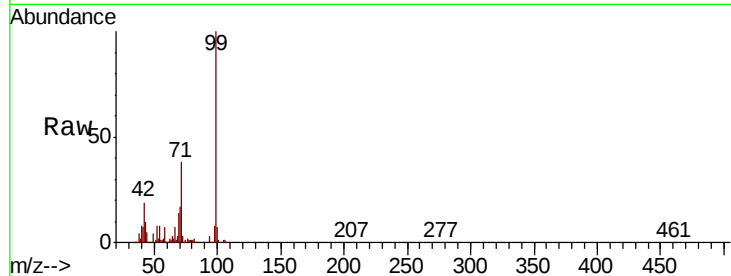
71 38.0 30.2 45.4

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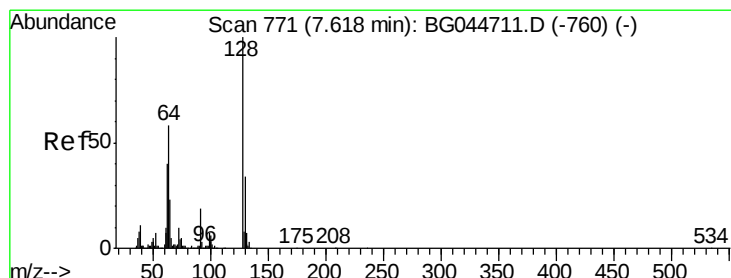
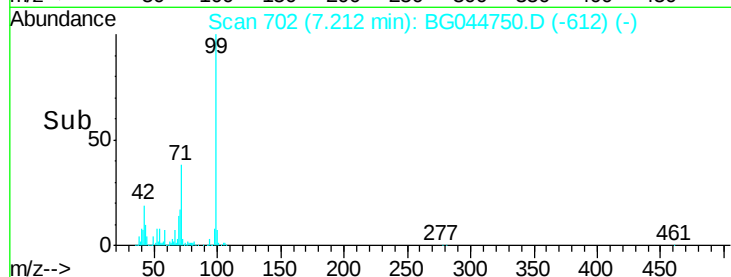
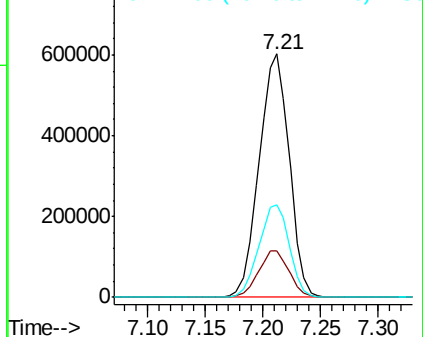
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.324 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

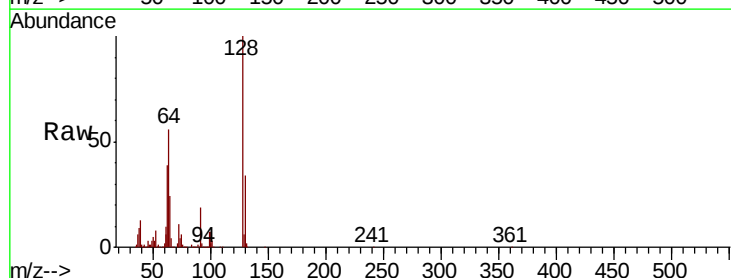
Tgt Ion: 128 Resp: 296076

Ion Ratio Lower Upper

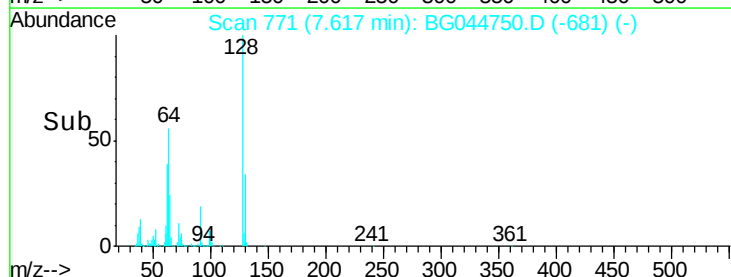
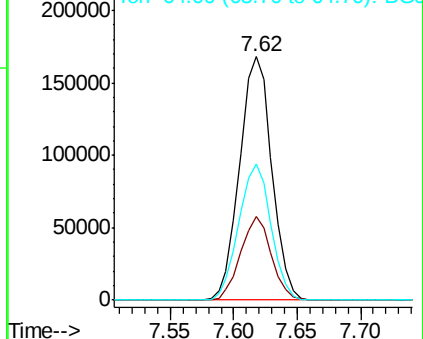
128 100

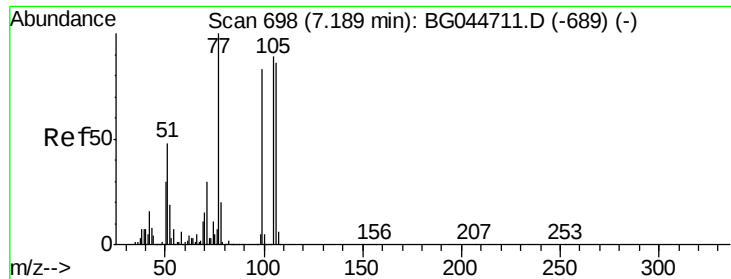
130 34.3 13.6 53.6

64 56.0 38.6 78.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 46.572 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

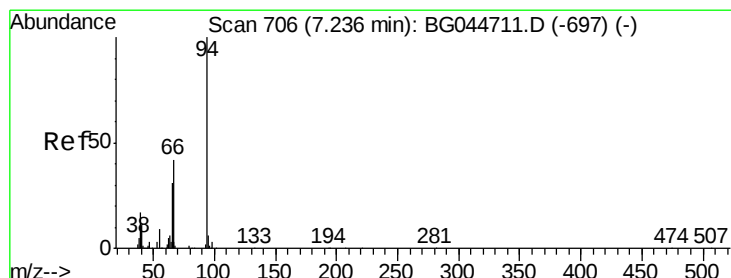
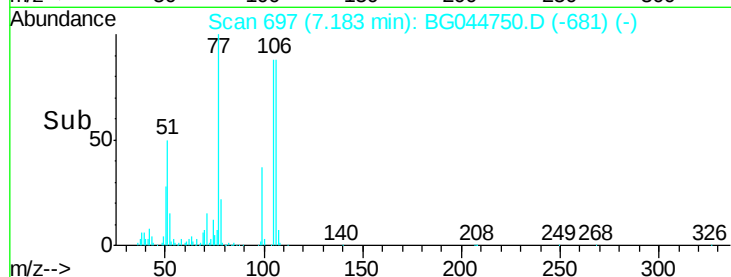
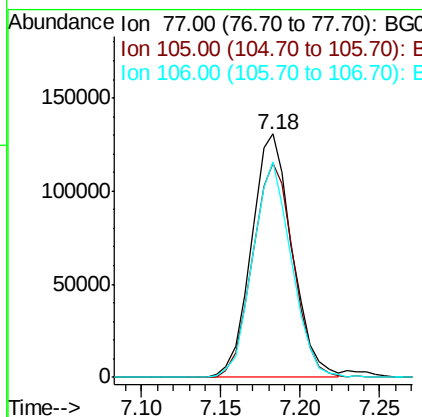
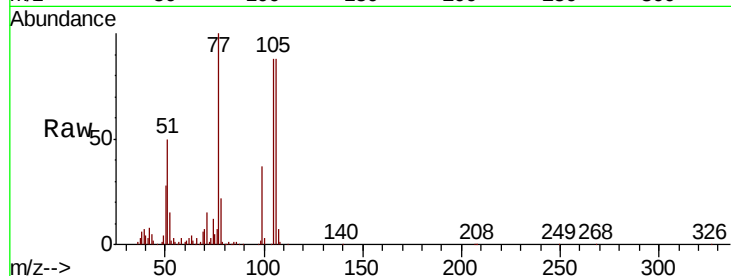
ClientSampleId :

PB127459BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	88.1	68.6	108.6		
106	88.4	65.9	105.9		

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#10

Phenol

Concen: 47.795 ng

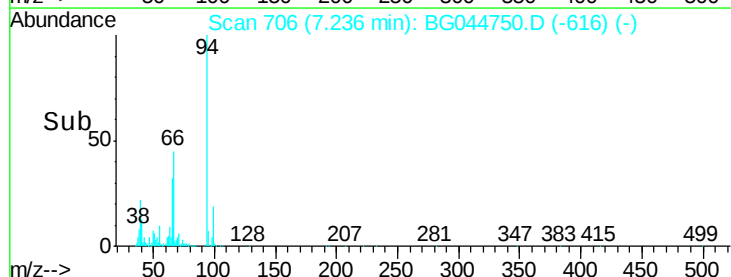
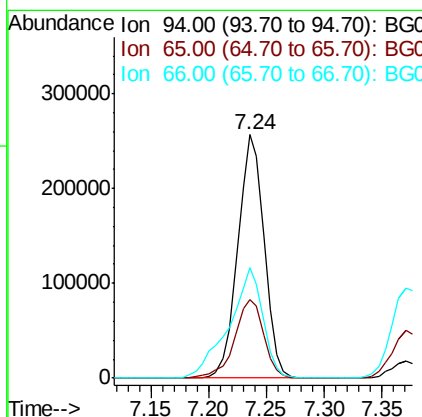
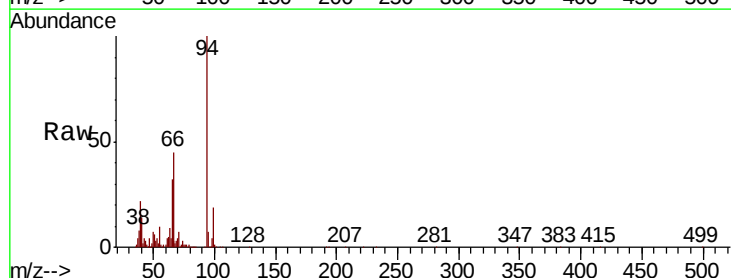
RT: 7.24 min Scan# 706

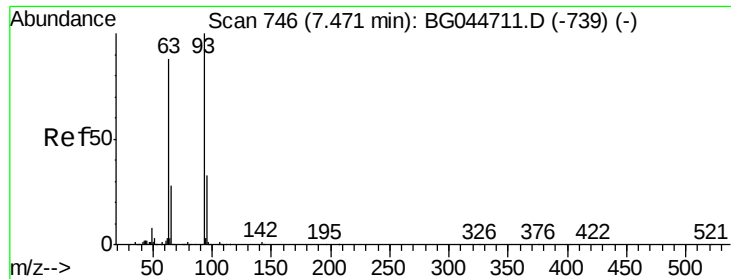
Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.0	11.3	51.3		
66	45.2	22.9	62.9		





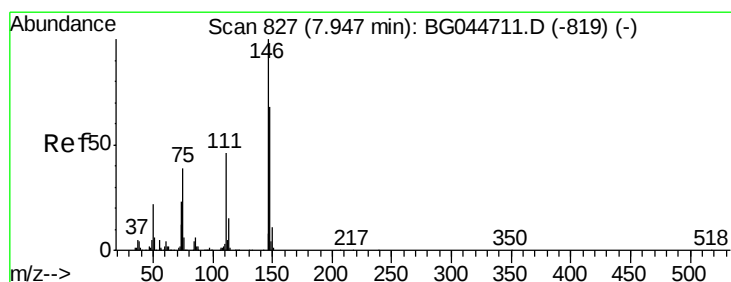
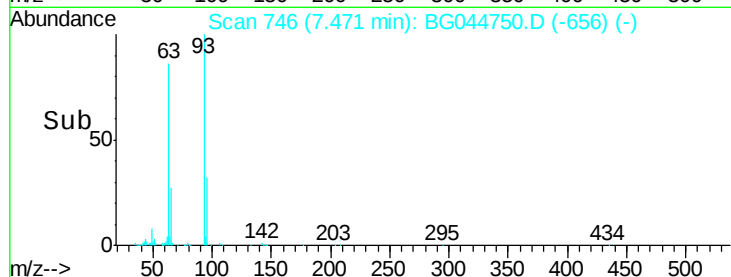
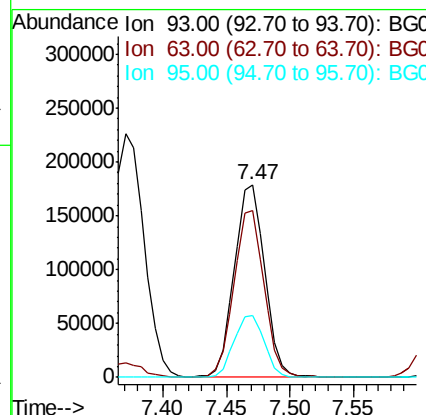
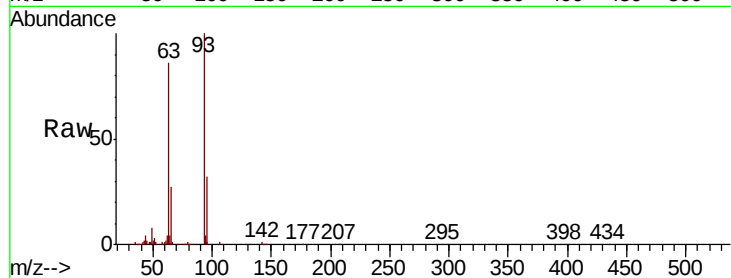
#11
bis(2-Chloroethyl)ether
Concen: 43.861 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.5	68.1	108.1
95	32.1	12.4	52.4

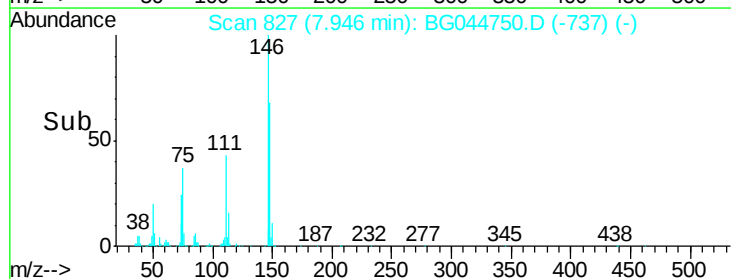
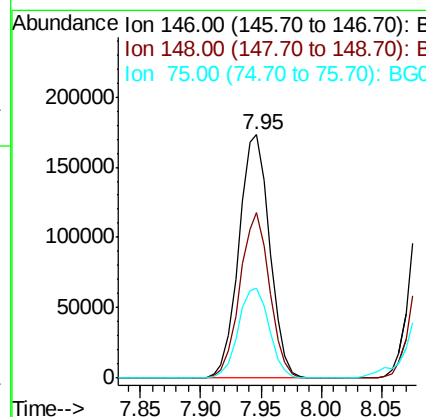
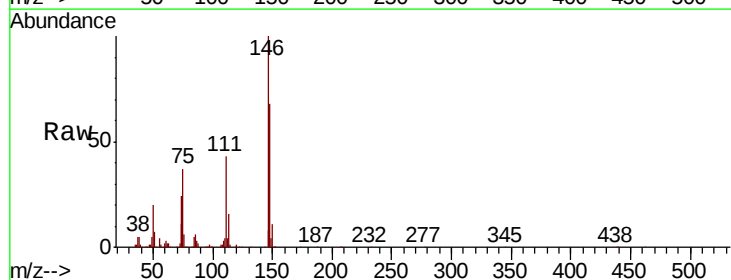
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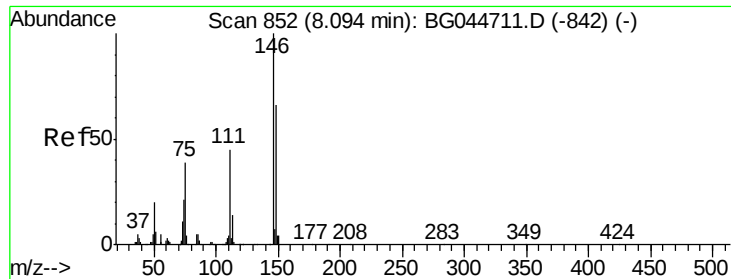
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.398 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	54.2	81.2
75	37.2	31.3	46.9





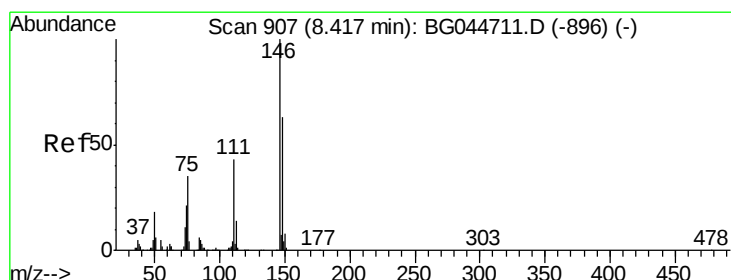
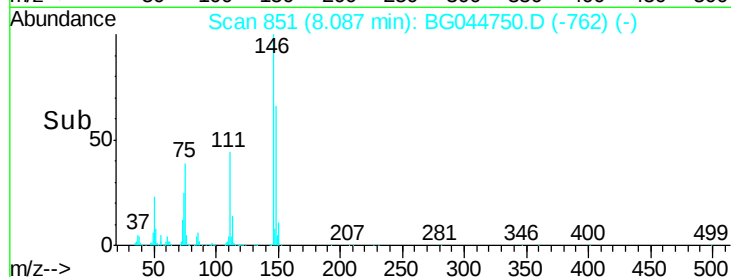
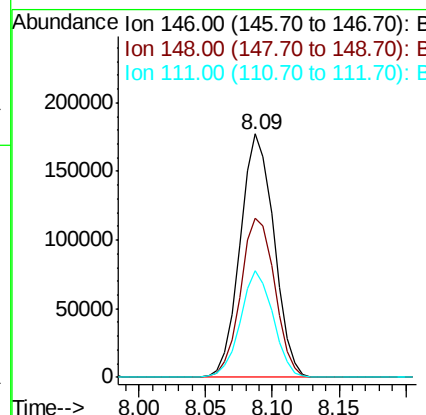
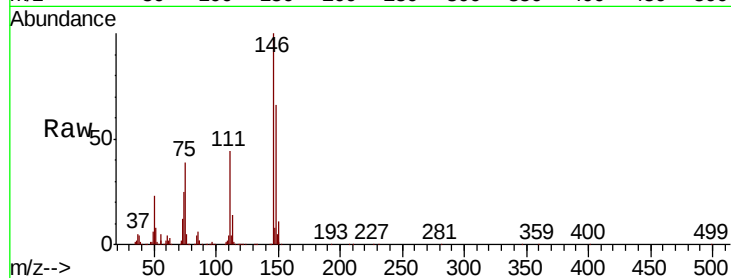
#13
 1,4-Dichlorobenzene
 Concen: 43.427 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127459BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.9	79.3
111	44.0	35.6	53.4

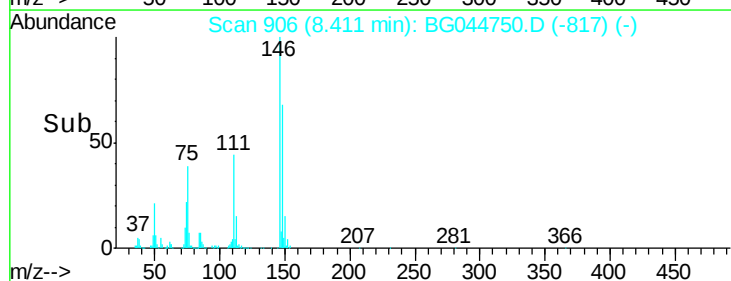
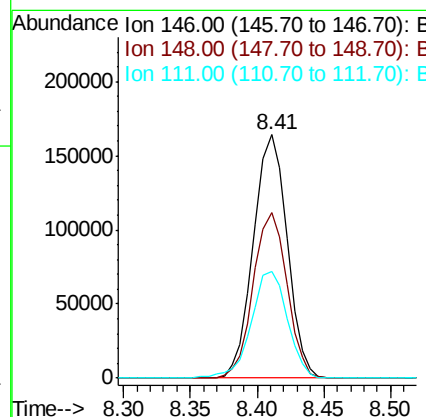
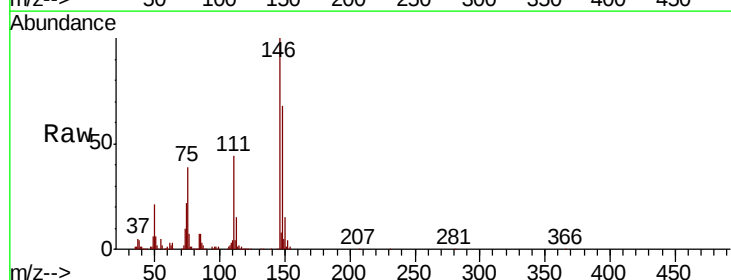
Manual Integrations
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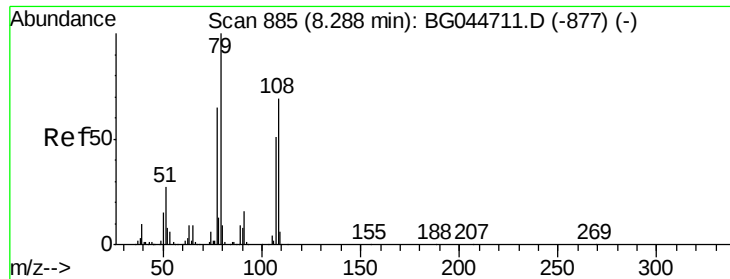
mohammad
 3/16/2020 1:48:33 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.217 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	50.8	76.2
111	43.7	34.8	52.2





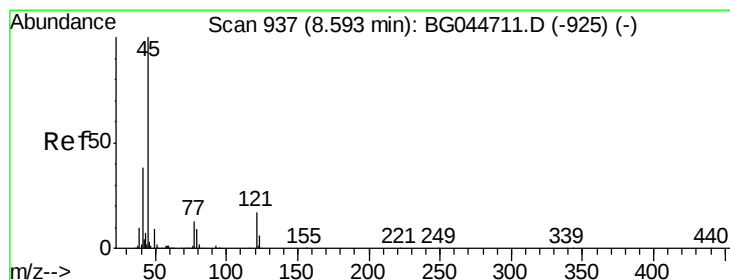
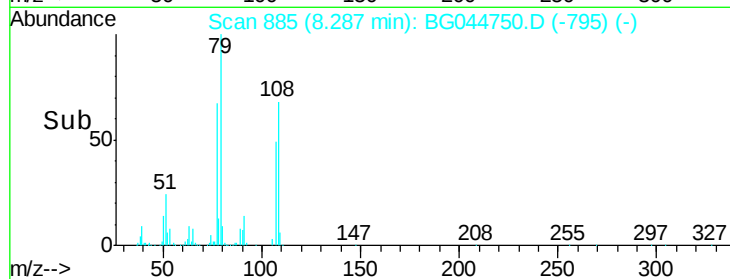
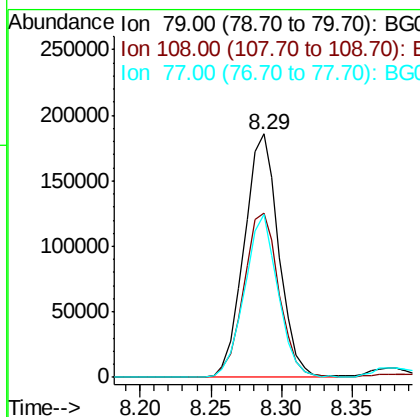
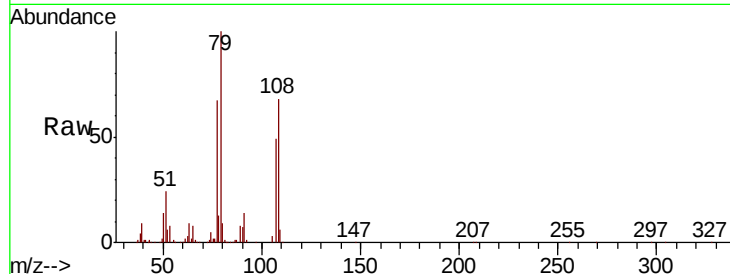
#15
Benzyl Alcohol
Concen: 46.388 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.7	55.4	83.0
77	67.1	52.2	78.4

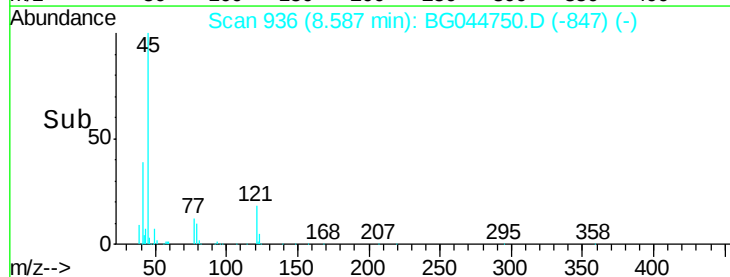
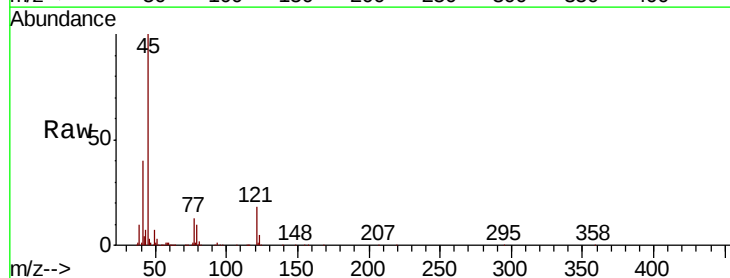
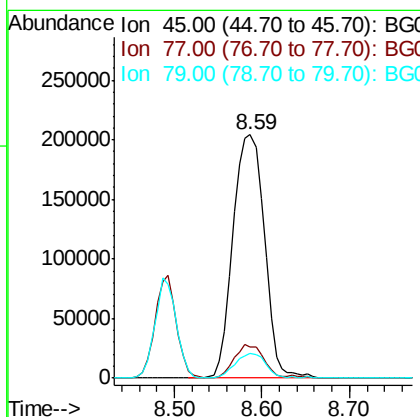
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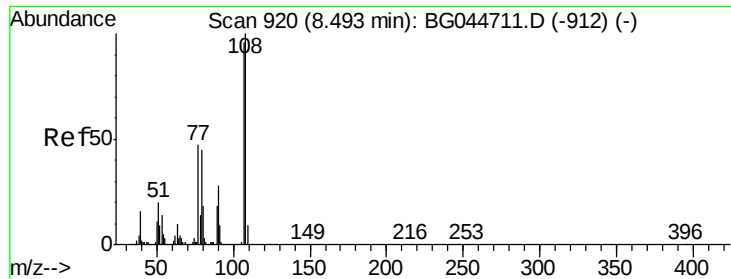
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.607 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	33.4
79	10.3	0.0	30.0





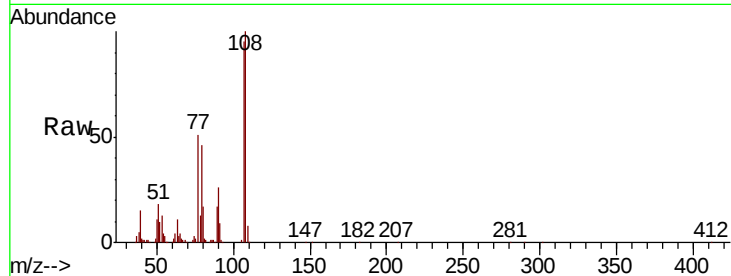
#17
2-Methylphenol
Concen: 47.865 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.5	83.2	124.8	
77	53.4	39.0	58.6	
79	49.0	37.6	56.4	

Manual Integrations
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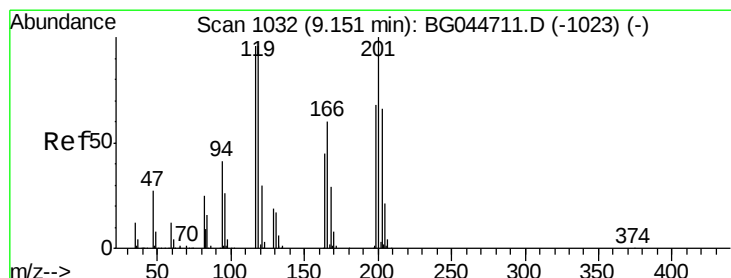
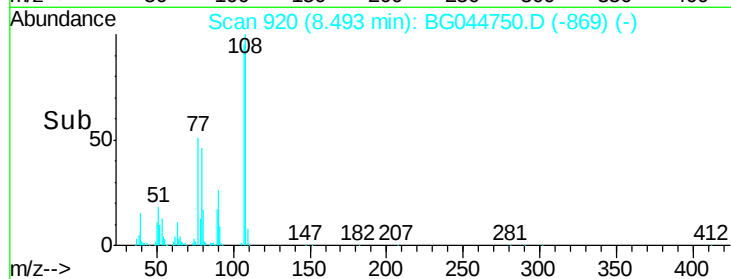
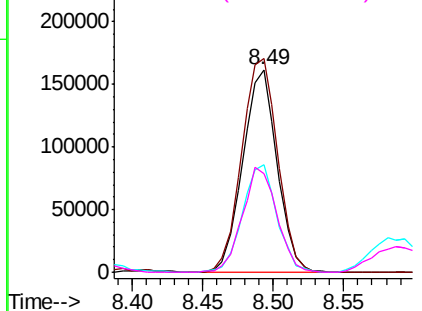
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

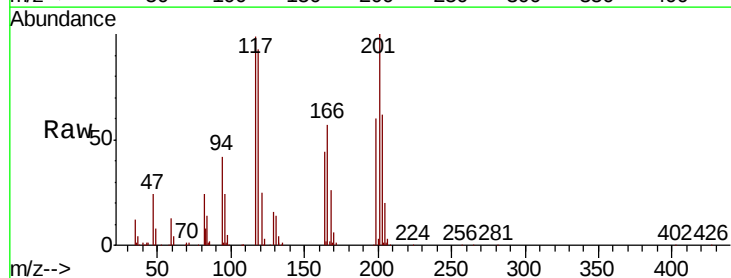
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.517 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	80.2	120.4	
201	101.1	83.4	125.2	

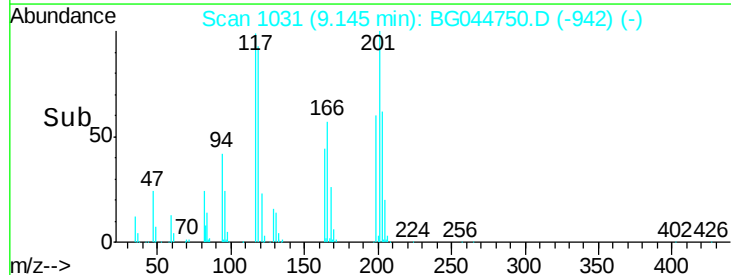
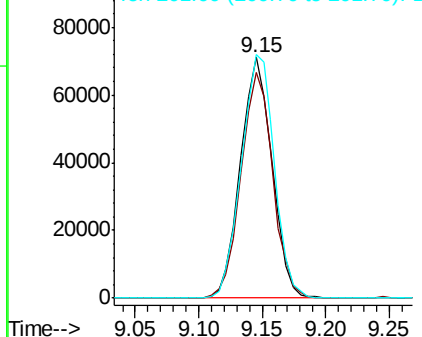


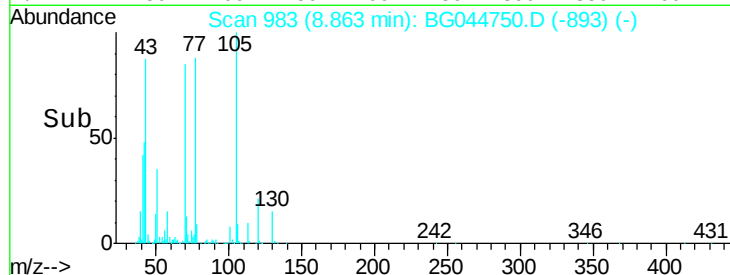
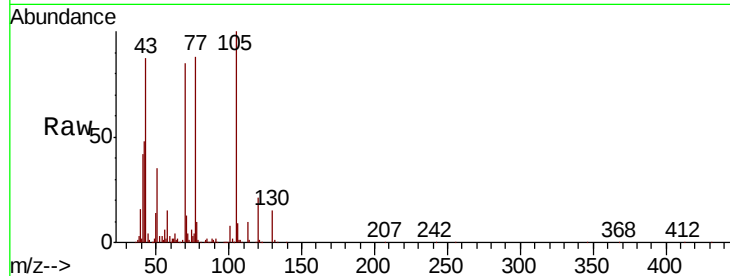
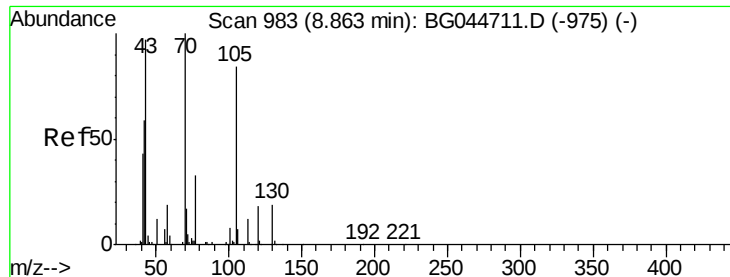
Abundance

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





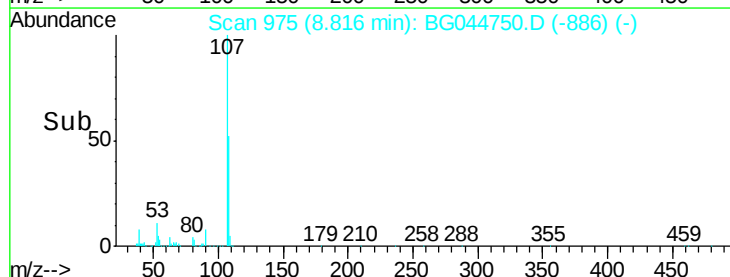
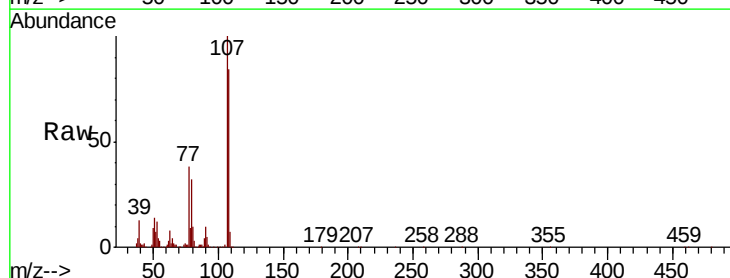
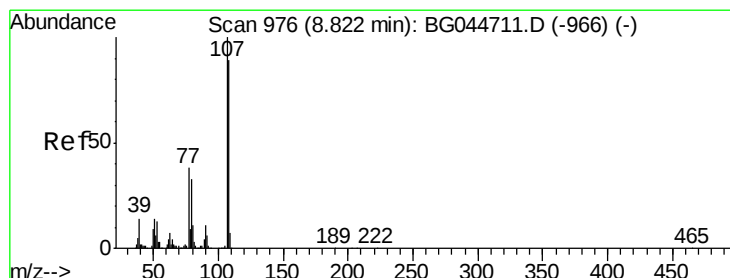
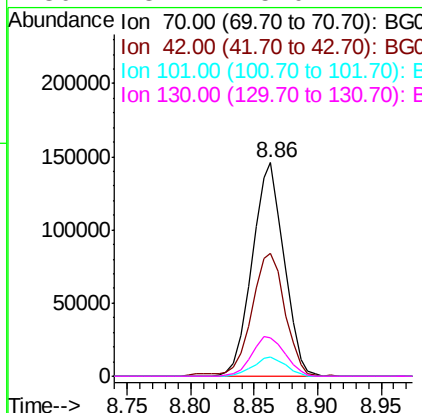
#19
n-Nitroso-di-n-propylamine
Concen: 42.234 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.3	47.6	71.4	
101	9.2	6.5	9.7	
130	18.2	15.0	22.4	

Instrument :
BNA_G
ClientSampleId :
PB127459BS

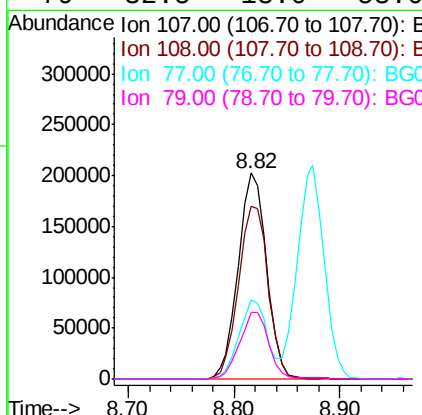
Manual Integrations
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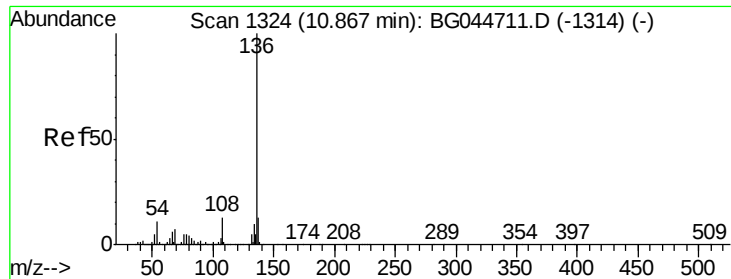
mohammad
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#20
3+4-Methylphenols
Concen: 47.856 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.1	69.1	109.1	
77	38.3	17.7	57.7	
79	32.5	13.0	53.0	





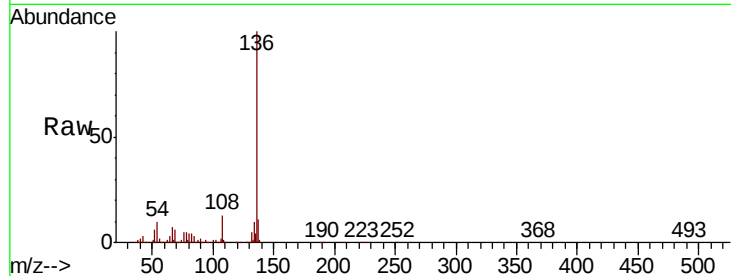
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	370111		
137	11.1	10.7	16.1	
54	9.5	9.0	13.4	
68	6.5	5.9	8.9	

Manual Integrations
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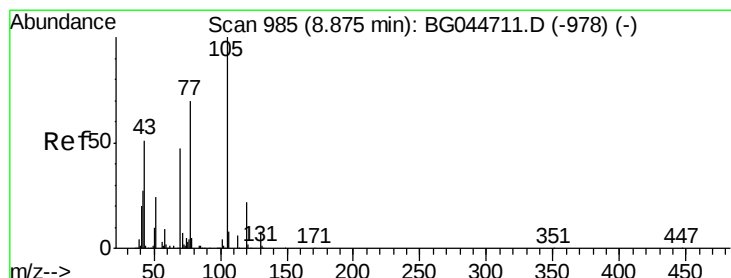
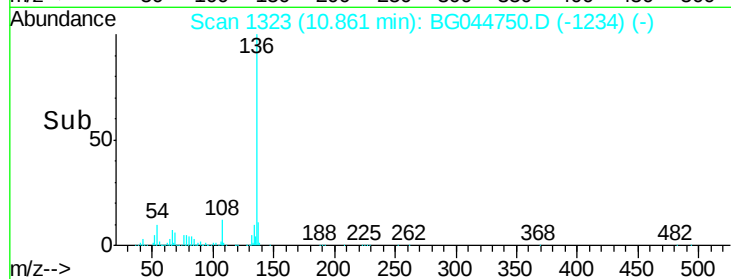
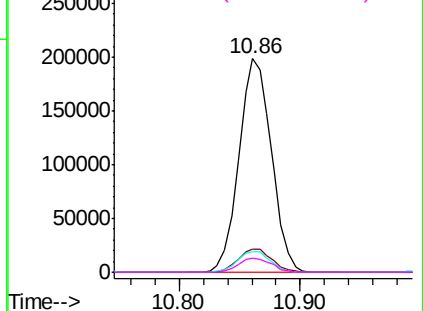
Abundance

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: 42.131 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	441754		
71	4.4	5.8	8.8#	
51	28.9	23.8	35.8	
120	22.0	17.3	25.9	

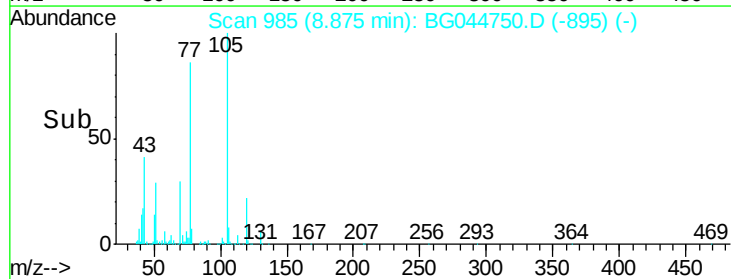
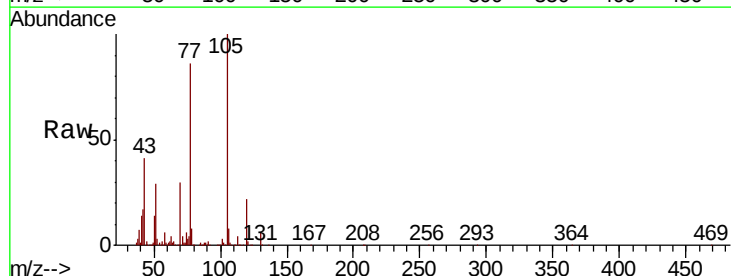
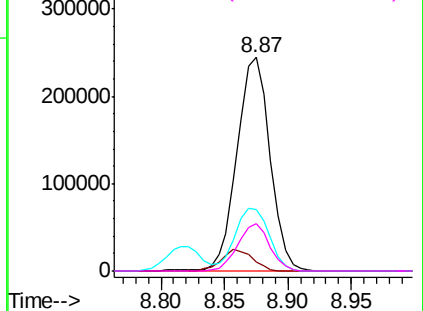
Abundance

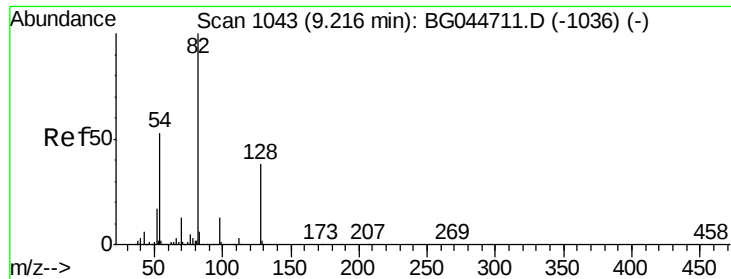
Ion 105.00 (104.70 to 105.70): E

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





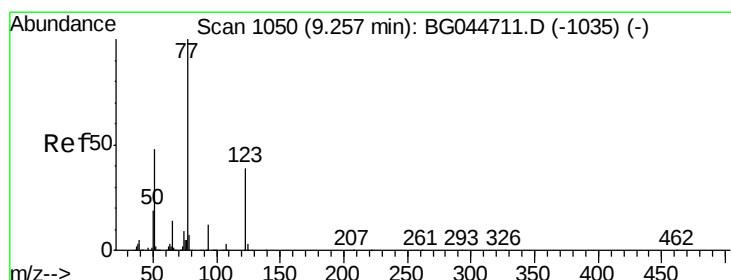
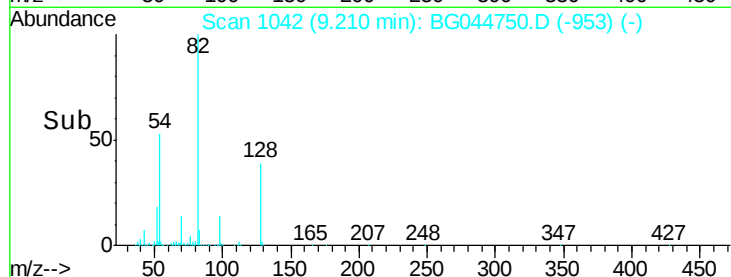
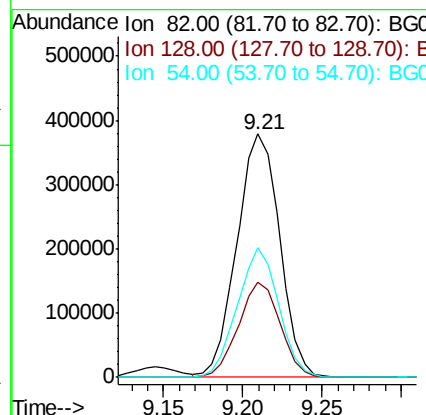
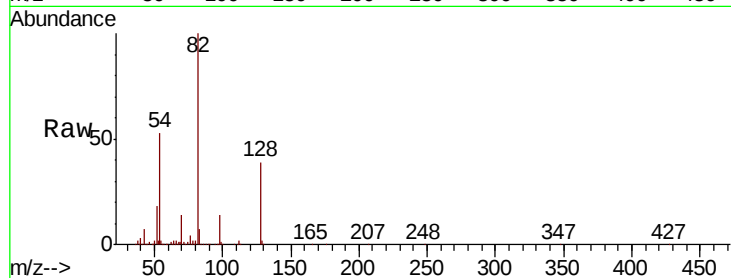
#23
 Nitrobenzene-d5
 Concen: 84.037 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127459BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.2	45.2
54	53.2	41.8	62.8

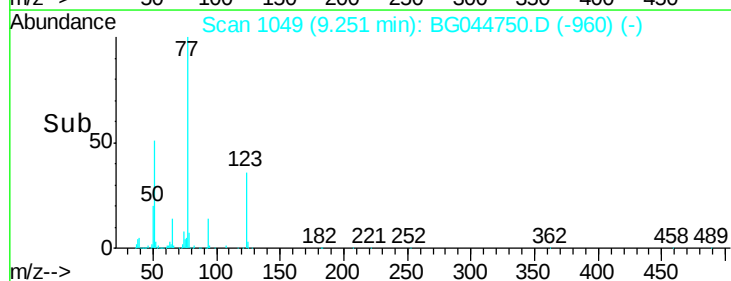
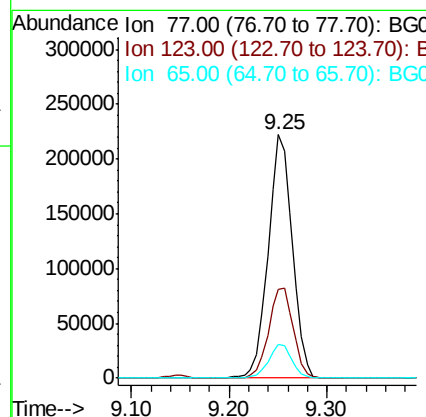
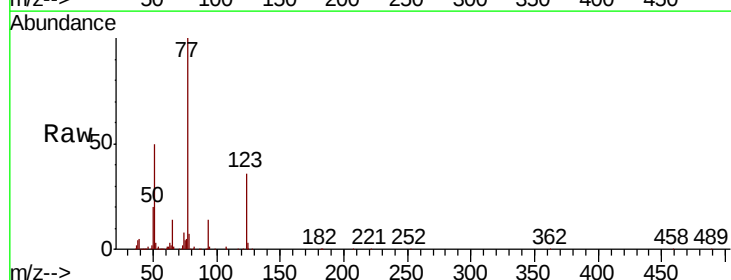
Manual Integrations
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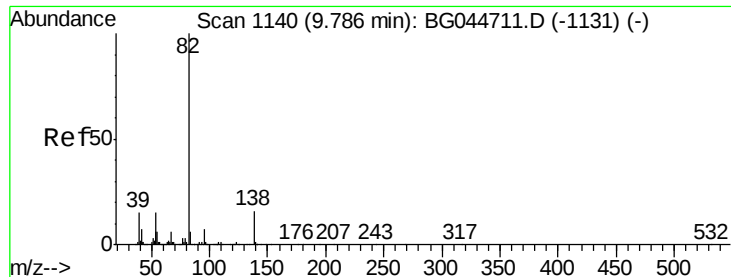
mohammad
 3/16/2020 1:48:33 PM



#24
 Nitrobenzene
 Concen: 44.215 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.4	31.5	47.3
65	13.9	11.0	16.4





#25

Isophorone

Concen: 43.067 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

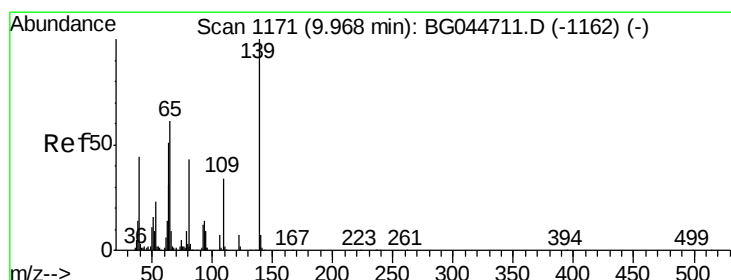
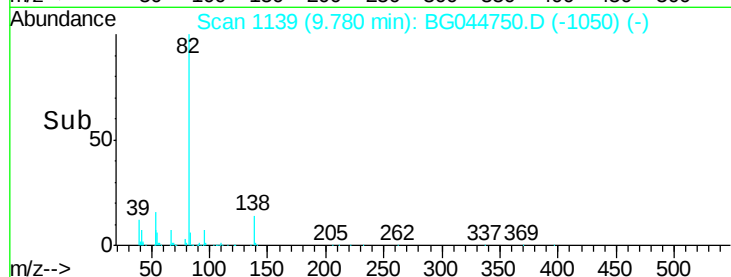
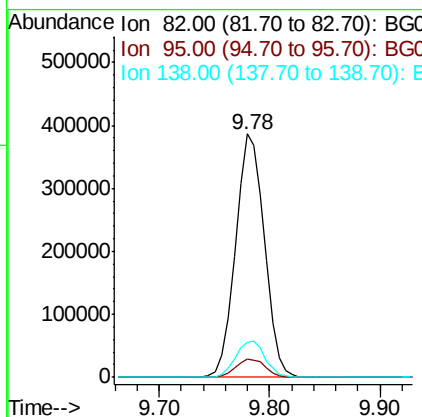
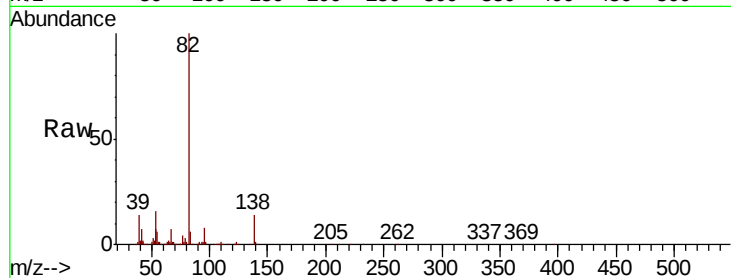
ClientSampleId :

PB127459BS

Tot Ion:	82	Resp:	708943
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.6	8.4
138	14.2	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.809 ng

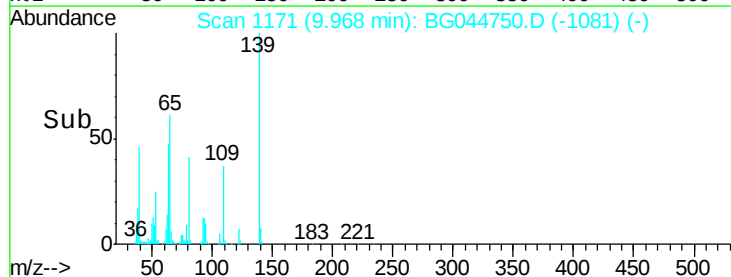
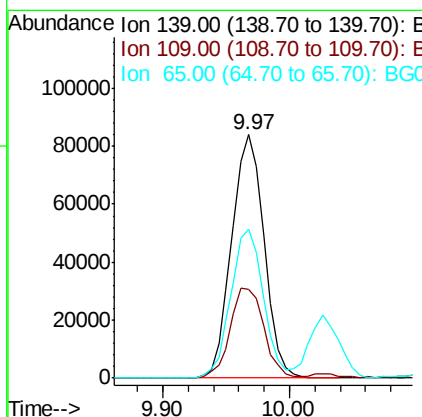
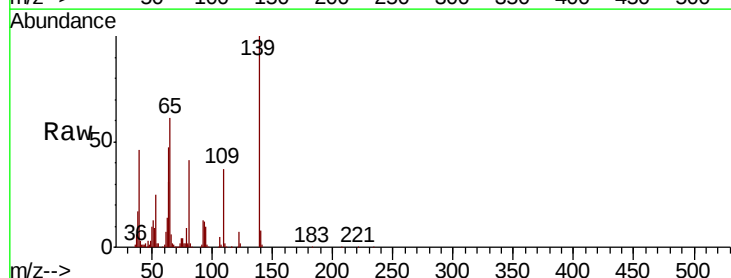
RT: 9.97 min Scan# 1171

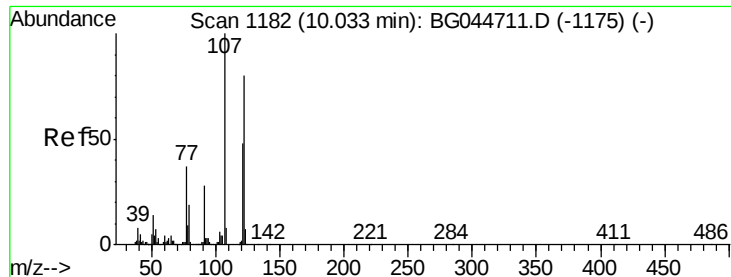
Delta R.T. 0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:	139	Resp:	148614
Ion Ratio	Lower	Upper	
139	100		
109	36.5	27.0	40.4
65	60.9	48.6	73.0





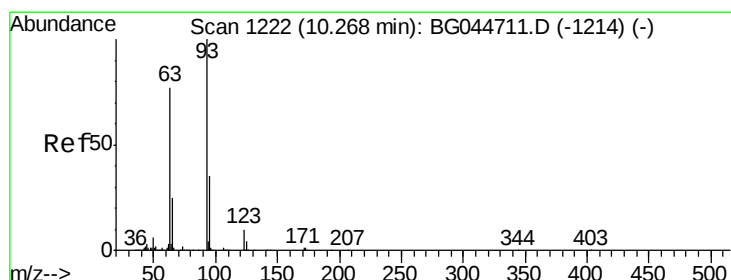
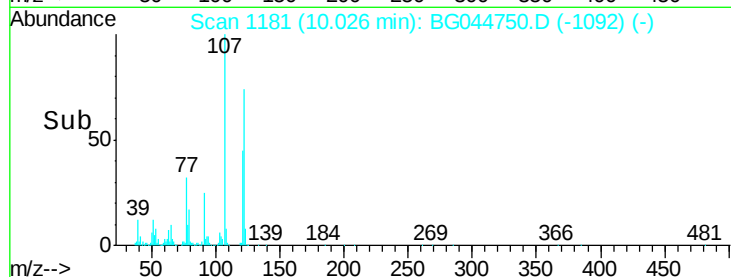
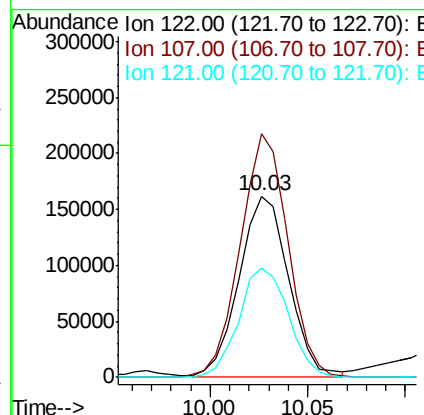
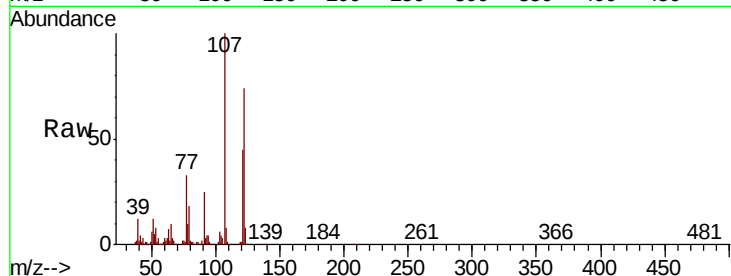
#27
2,4-Dimethylphenol
Concen: 52.805 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	283074		
107	134.4	99.0	148.6	
121	60.0	47.6	71.4	

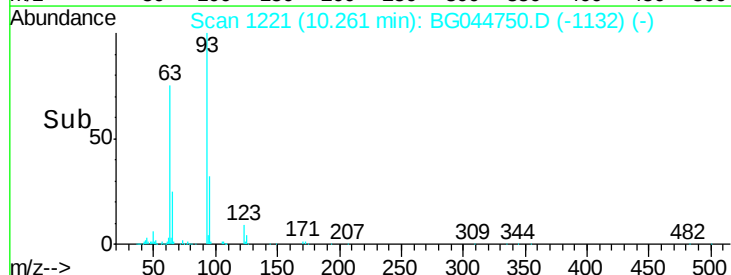
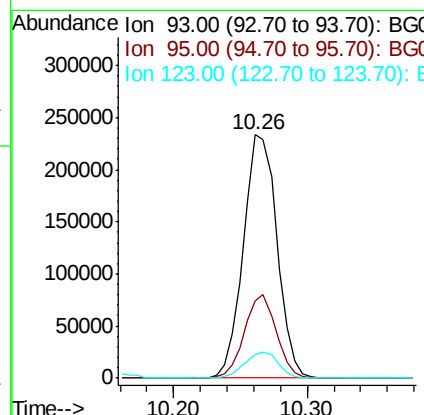
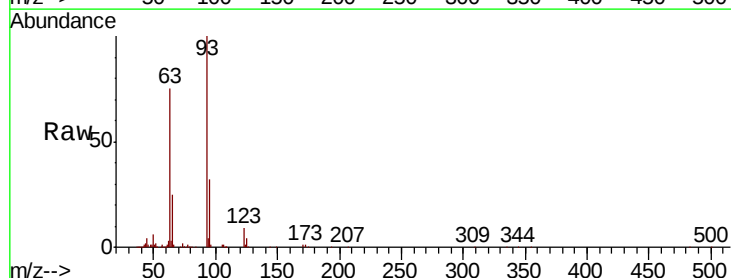
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#28
bis(2-Chloroethoxy)methane
Concen: 41.380 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	406509		
95	31.6	27.7	41.5	
123	9.5	8.1	12.1	





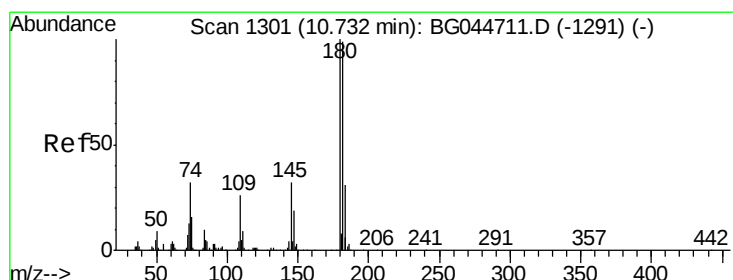
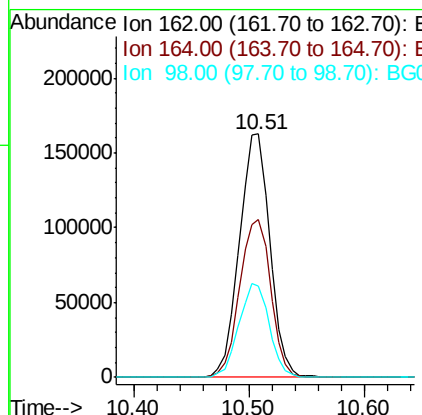
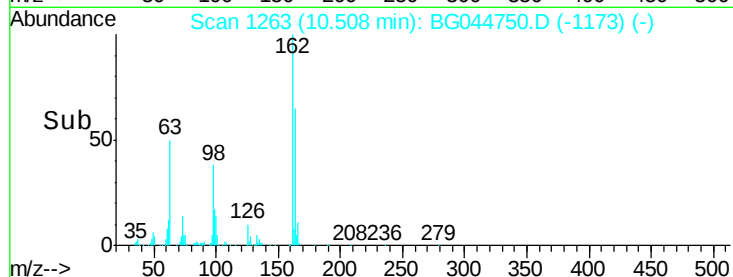
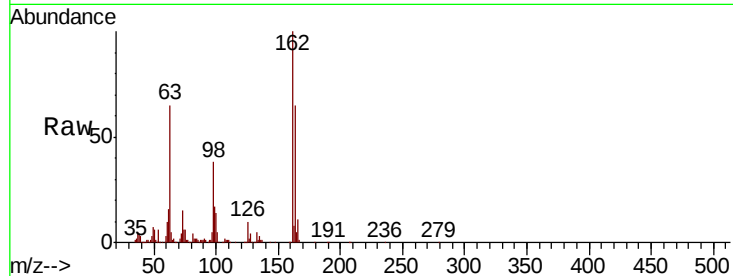
#29
2,4-Dichlorophenol
Concen: 47.762 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	46.5	86.5
98	37.7	18.1	58.1

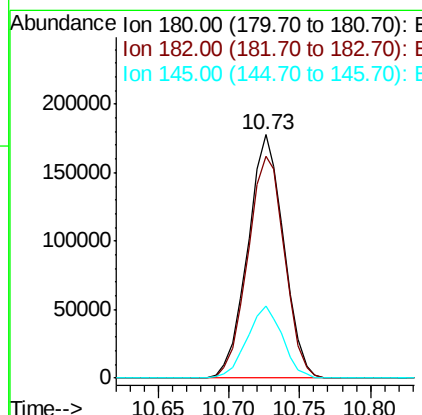
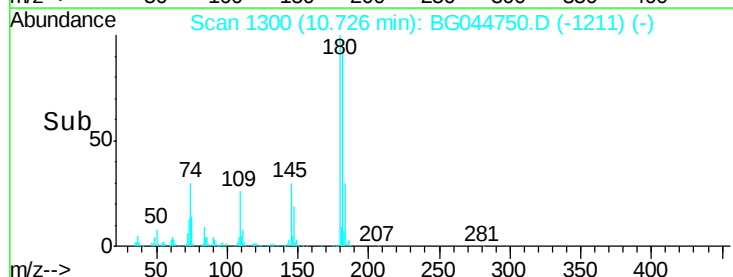
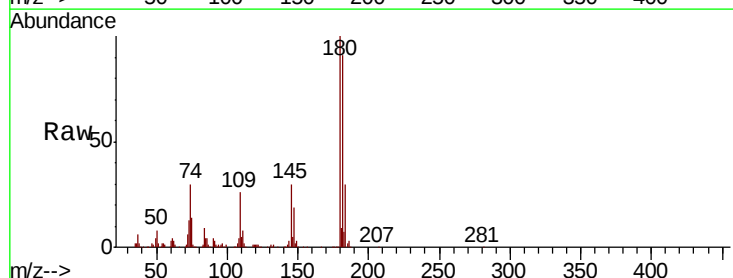
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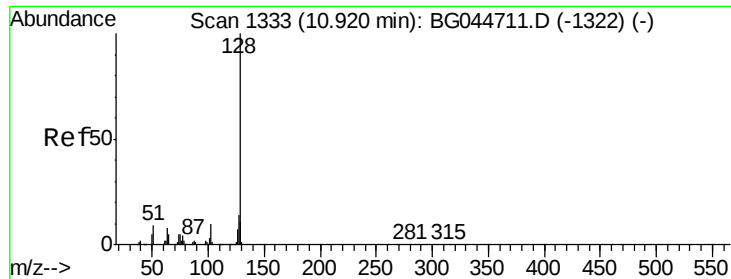
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#30
1,2,4-Trichlorobenzene
Concen: 42.296 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	91.3	78.8	118.2
145	29.7	25.4	38.0





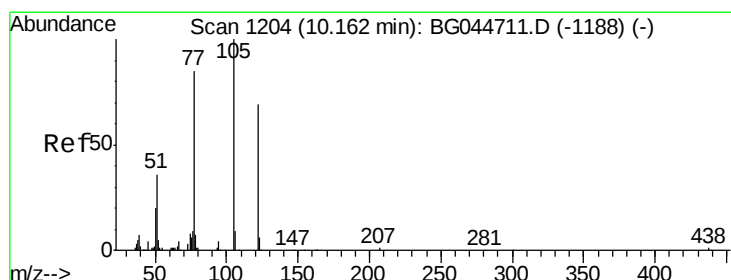
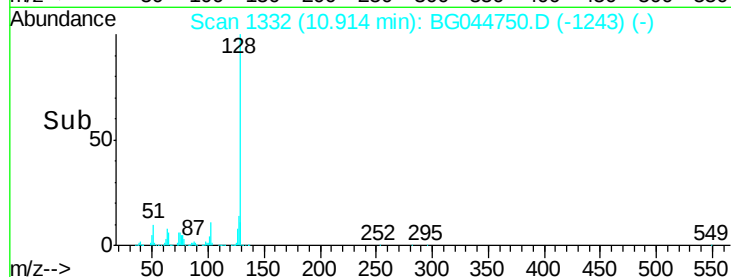
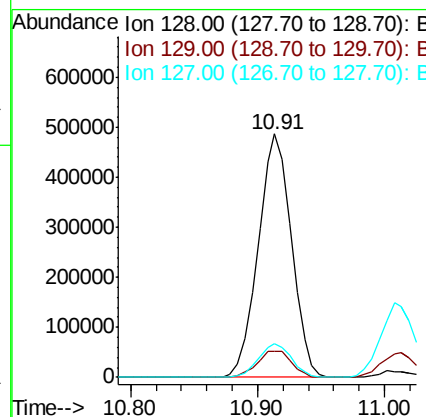
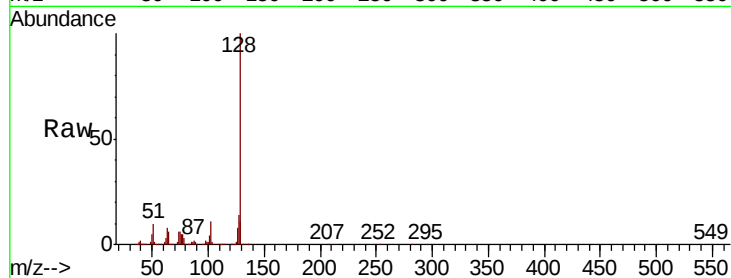
#31
Naphthalene
Concen: 43.319 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.0	13.4	
127	14.0	11.0	16.6	

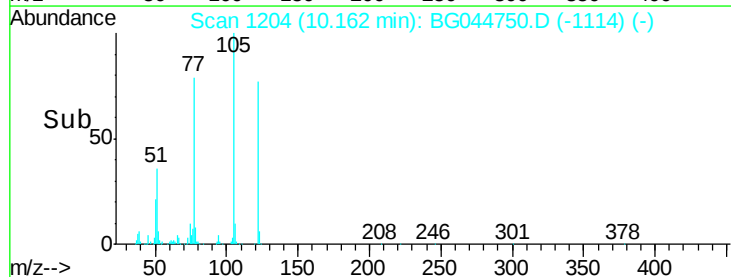
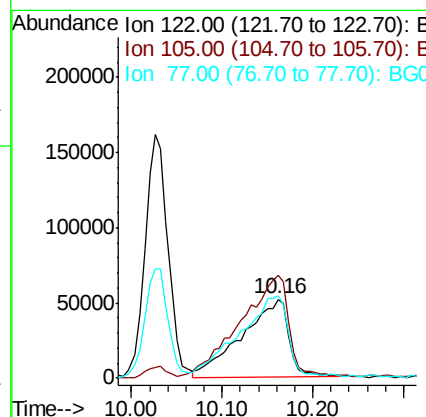
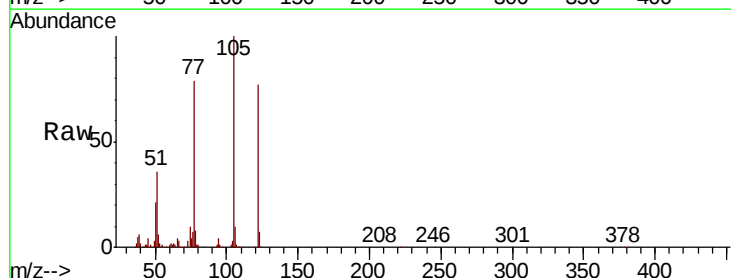
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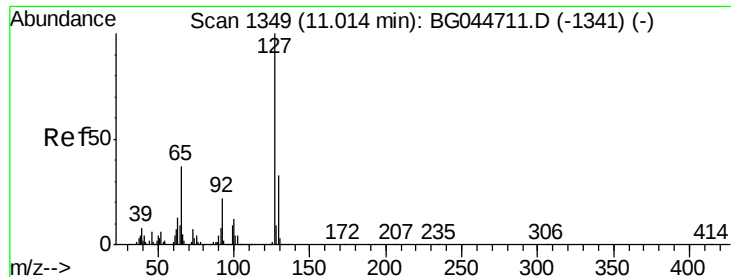
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#32
Benzoic acid
Concen: 44.555 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.5	119.0	159.0	
77	103.7	96.4	136.4	





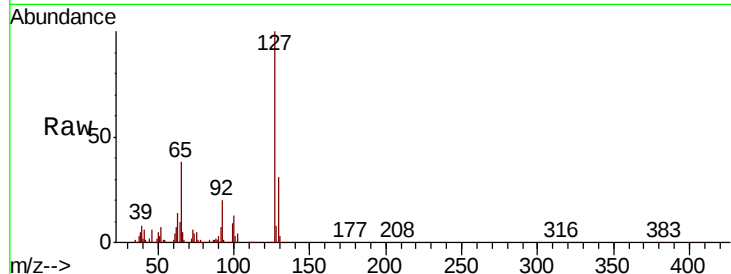
#33
4-Chloroaniline
Concen: 29.774 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

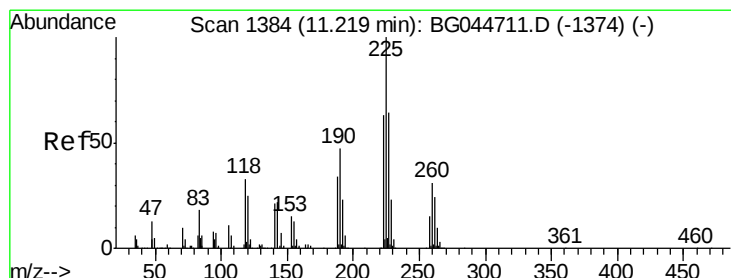
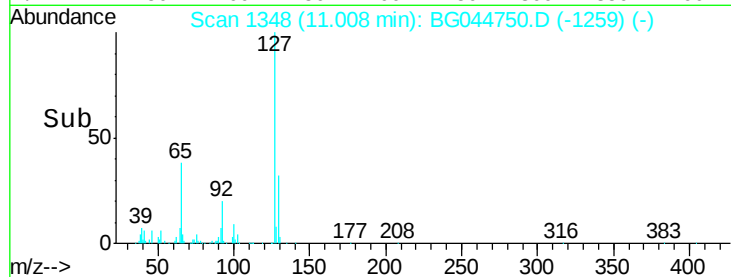
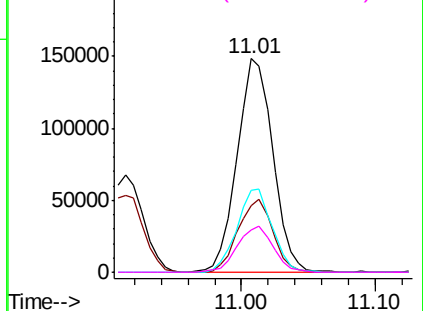
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		275021		
129	31.5	26.2	39.4		
65	38.2	29.6	44.4		
92	20.0	17.4	26.0		

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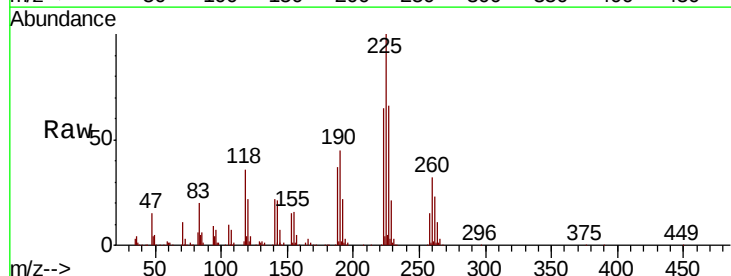


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

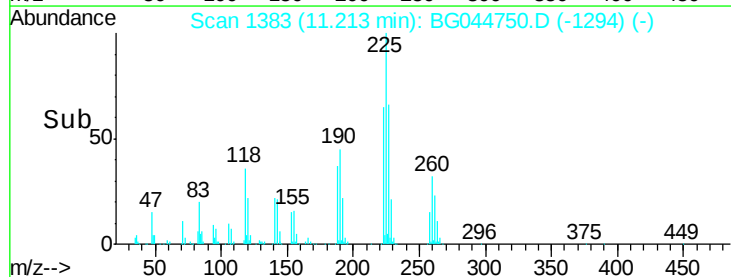
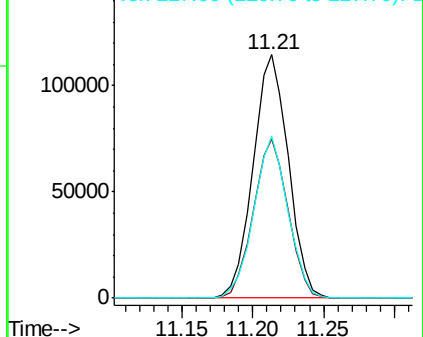


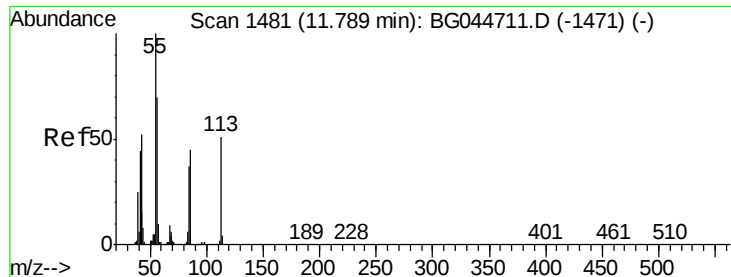
#34
Hexachlorobutadiene
Concen: 40.825 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		200999		
223	65.2	50.6	76.0		
227	66.3	51.6	77.4		



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: 44.540 ng/ml

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

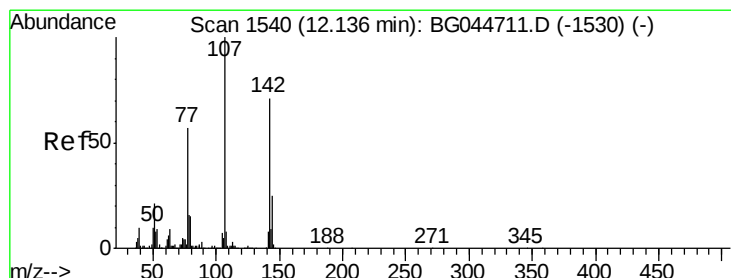
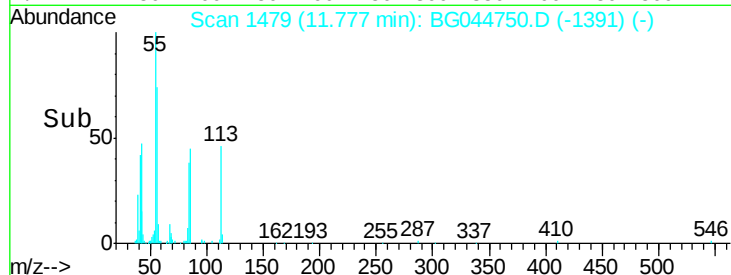
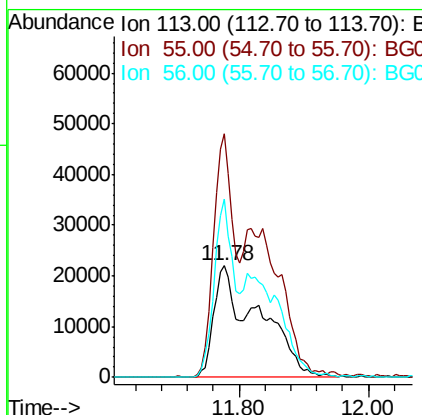
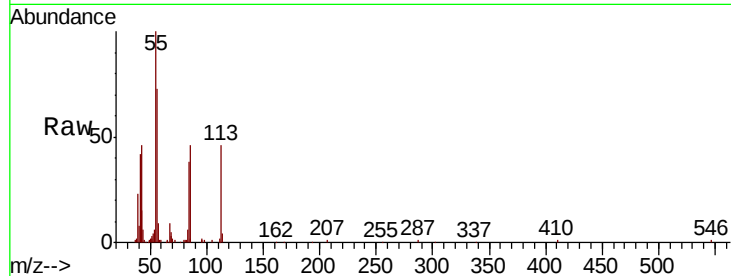
ClientSampleID :

PB127459BS

Tot Ion:	113	Resp:	105590
Ion Ratio	Lower	Upper	
113	100		
55	218.9	178.4	218.4#
56	160.8	117.7	157.7#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 47.877 ng/ml

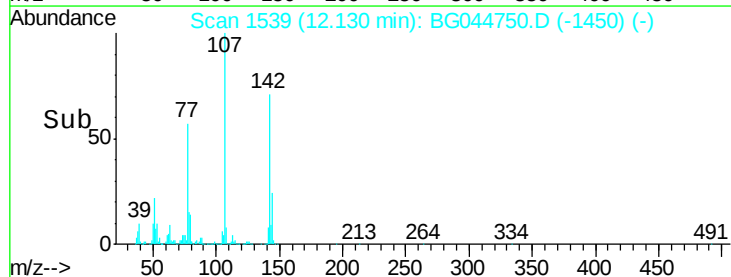
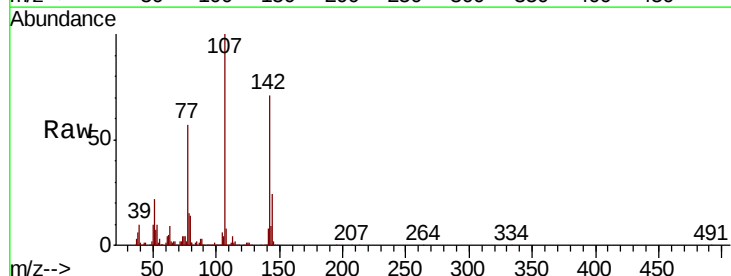
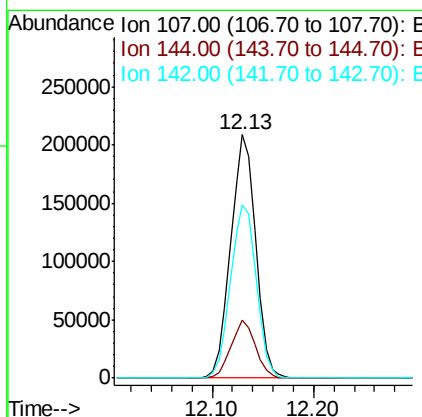
RT: 12.13 min Scan# 1539

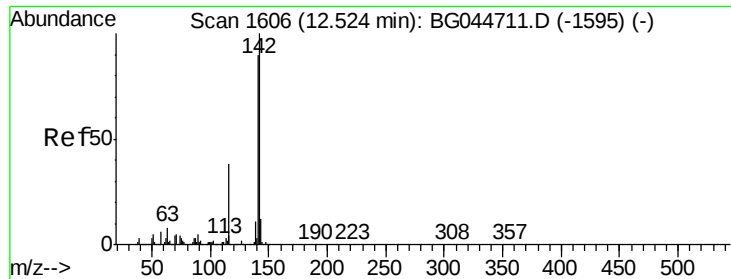
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:	107	Resp:	357526
Ion Ratio	Lower	Upper	
107	100		
144	23.9	19.6	29.4
142	71.4	56.5	84.7





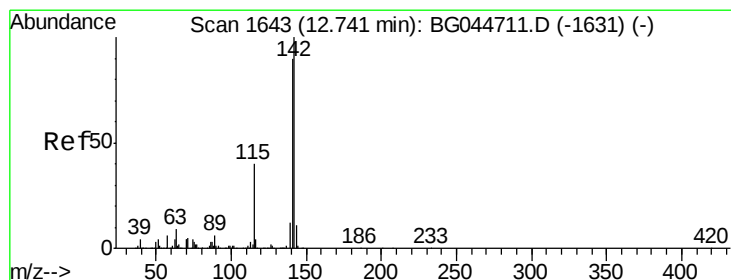
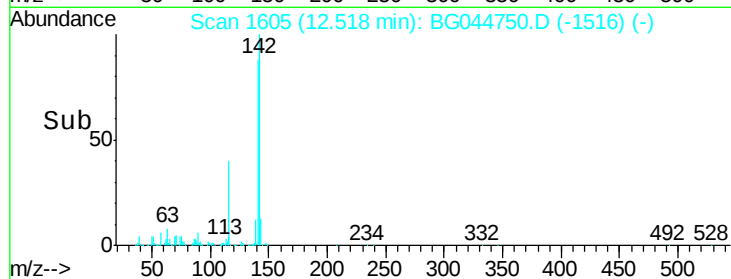
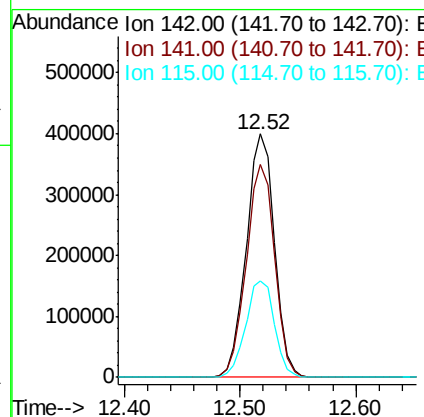
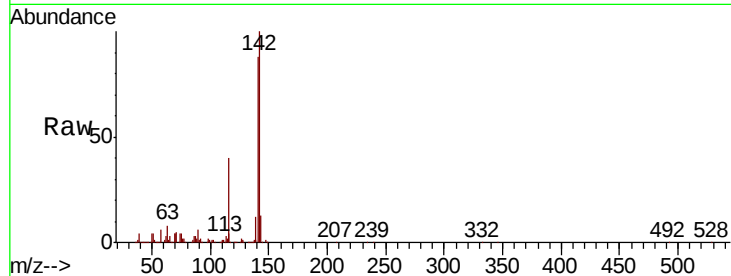
#37
 2-Methylnaphthalene
 Concen: 43.888 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127459BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.3	108.5
115	39.6	30.6	45.8

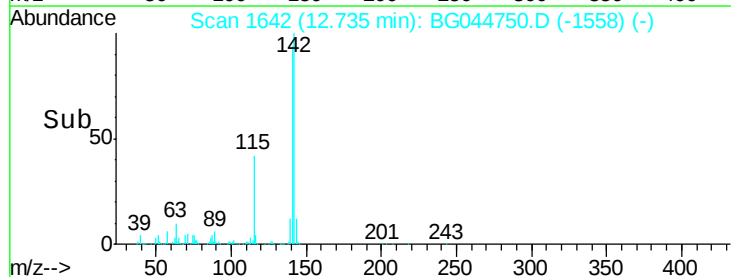
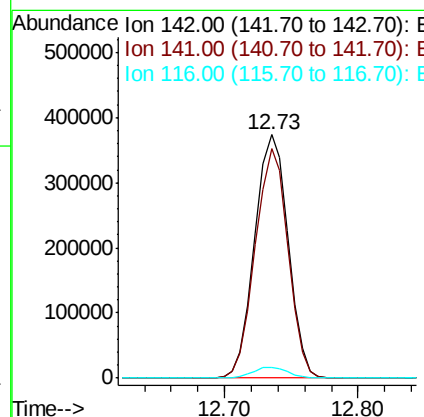
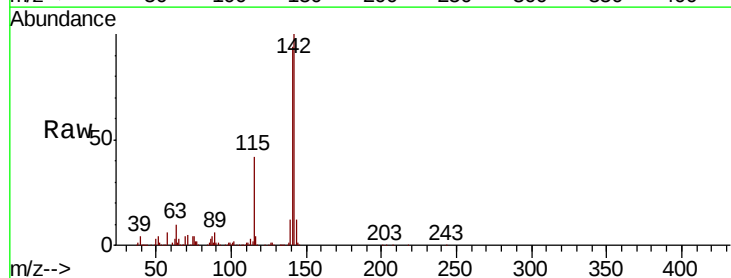
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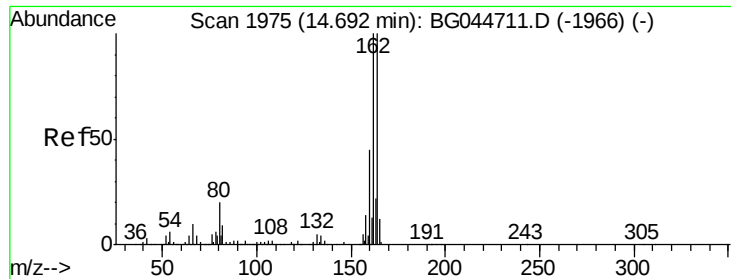
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#38
 1-Methylnaphthalene
 Concen: 44.657 ng
 RT: 12.73 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	72.2	108.2
116	4.5	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

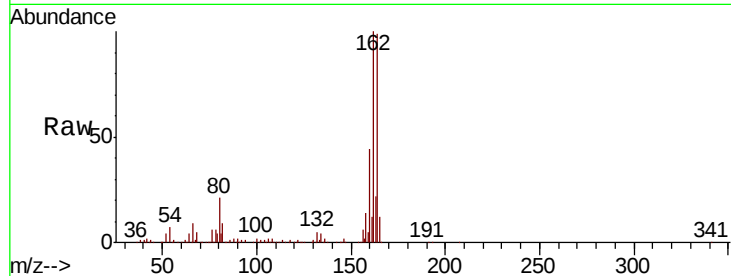
ClientSampleId :

PB127459BS

Tot Ion:	164	Resp:	258699
Ion Ratio	Lower	Upper	
164	100		
162	100.9	80.2	120.4
160	44.1	36.2	54.2

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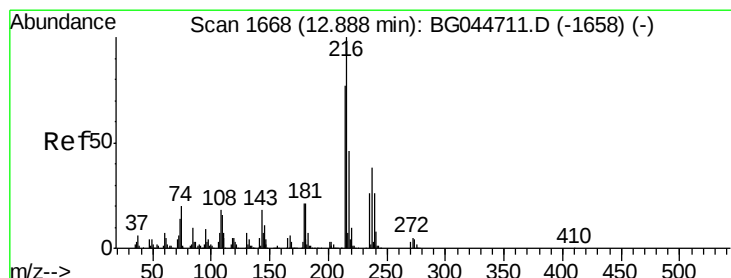
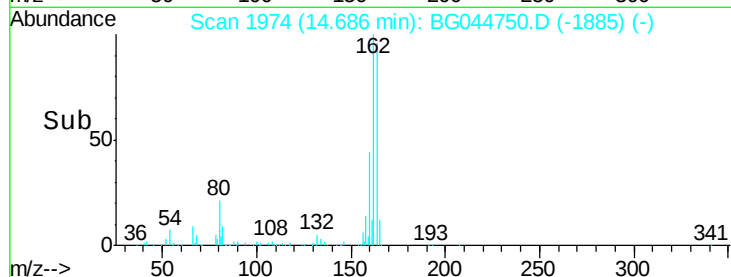
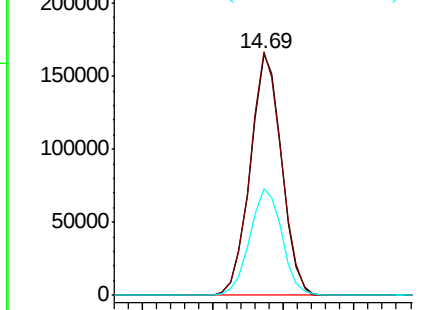


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.140 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:	216	Resp:	341982
Ion Ratio	Lower	Upper	
216	100		
214	80.4	63.0	94.4
179	20.7	16.6	24.8
108	22.3	15.6	23.4

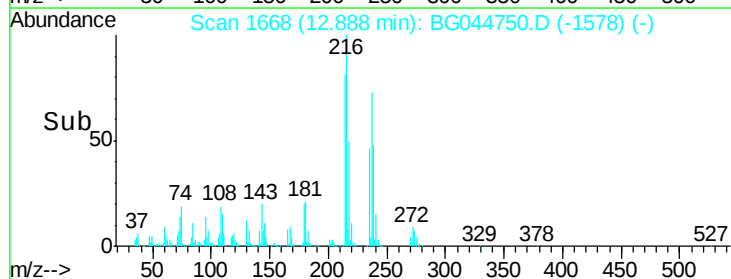
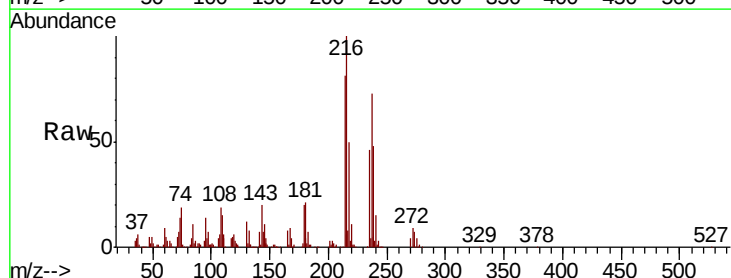
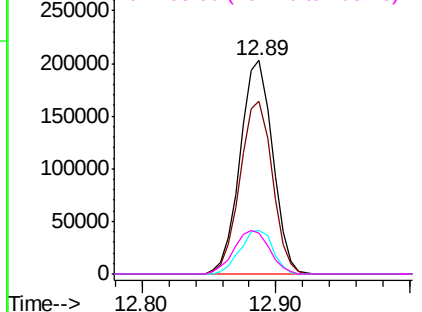
Abundance

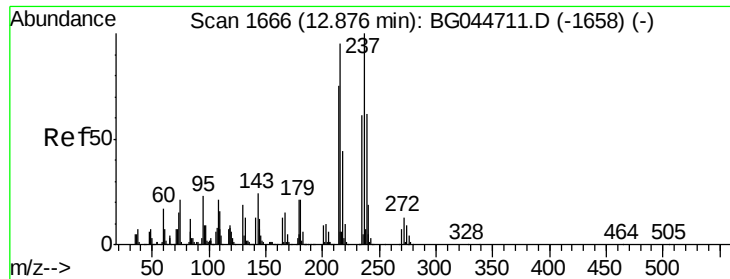
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





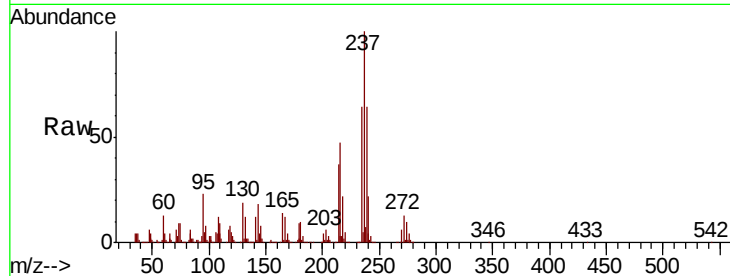
#41
Hexachlorocyclopentadiene
Concen: 104.225 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.5	40.6	80.6	
272	13.2	0.0	32.5	

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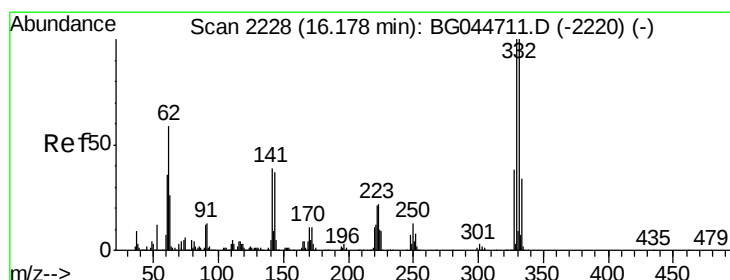
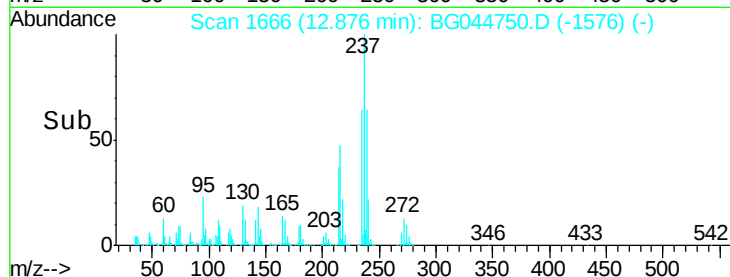
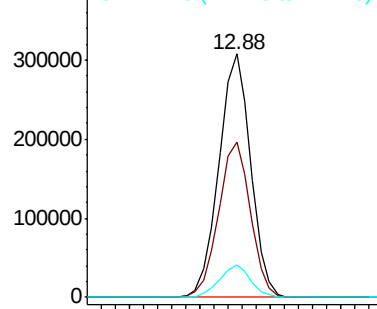


Abundance

Ion 236.80 (236.50 to 237.50): E

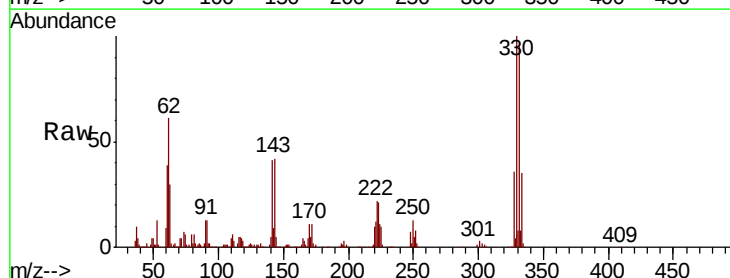
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 127.181 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.0	77.5	116.3	
141	40.2	31.7	47.5	

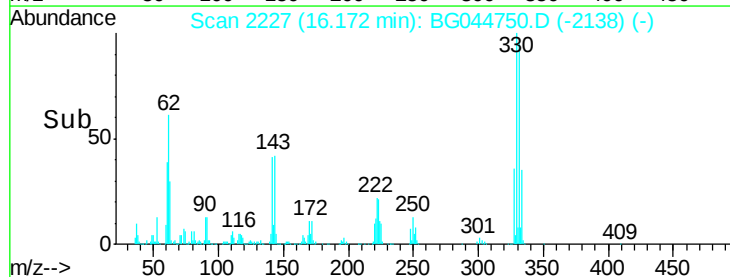
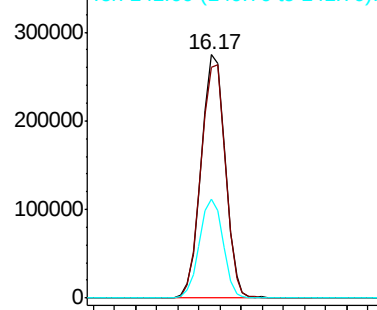


Abundance

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





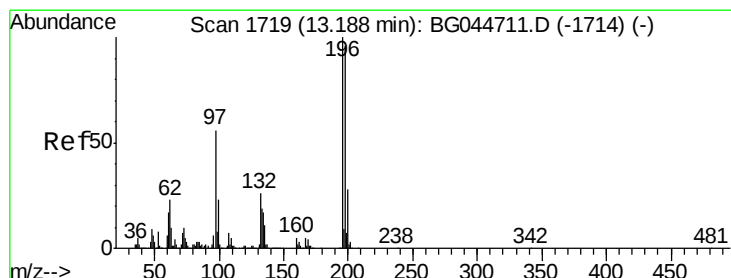
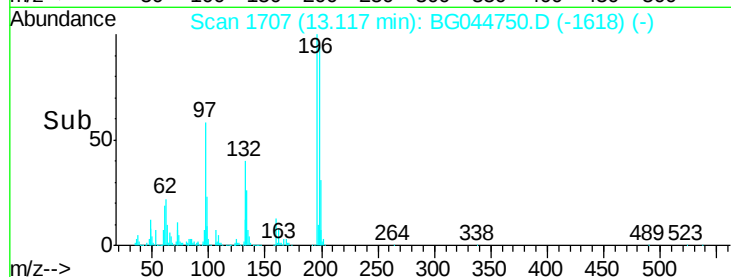
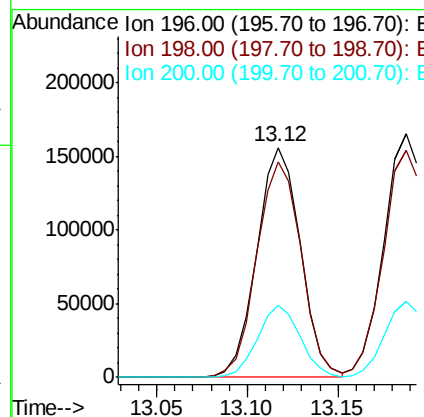
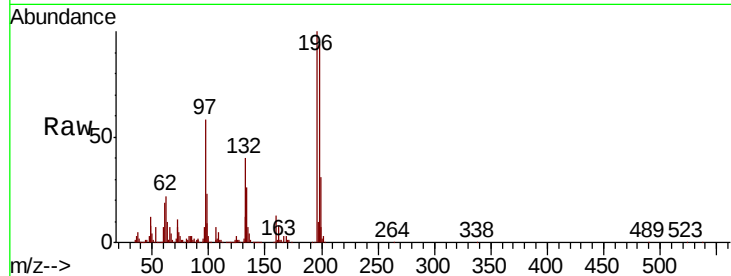
#43
 2,4,6-Trichlorophenol
 Concen: 45.964 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127459BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	259885		
198	93.7	76.5	114.7	
200	31.2	25.9	38.9	

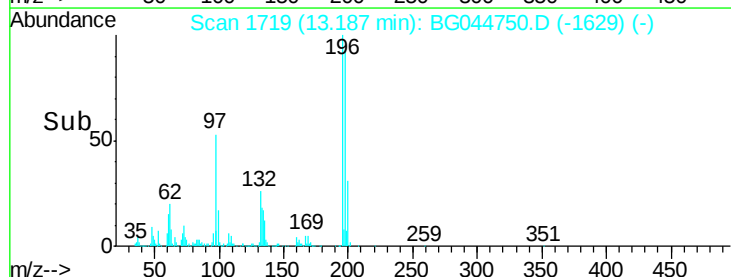
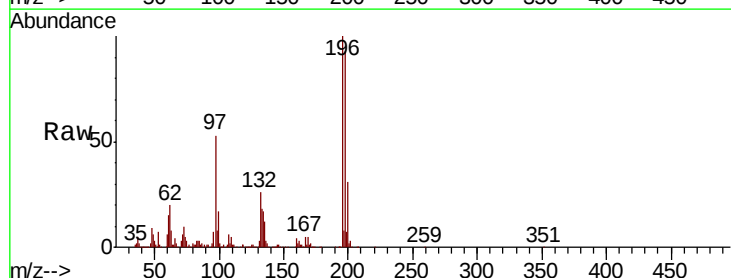
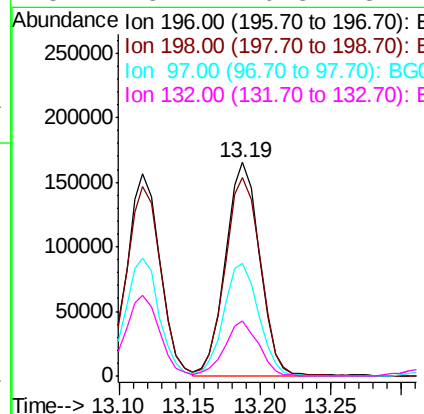
Manual Integrations
 APPROVED

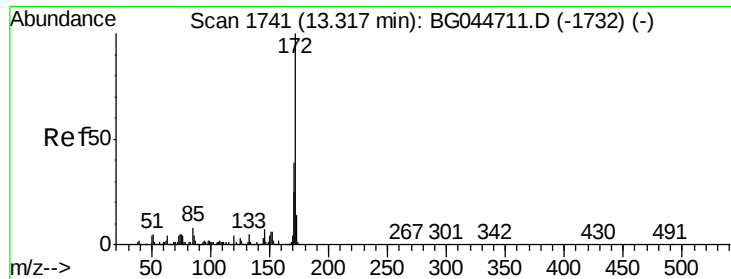
mohammad
 3/16/2020 1:48:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.491 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278471		
198	93.2	77.3	115.9	
97	52.7	44.9	67.3	
132	25.7	20.8	31.2	





#45

2-Fluorobiphenyl

Concen: 81.403 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

PB127459BS

Tot Ion:172 Resp: 1470553

Ion Ratio Lower Upper

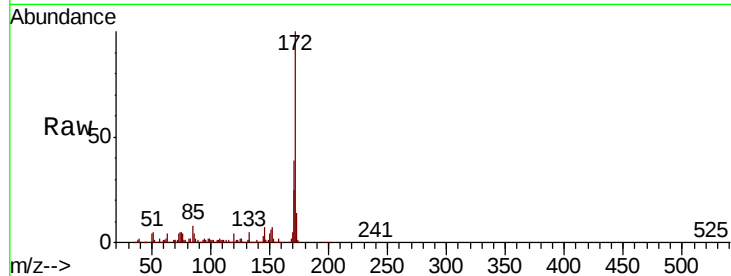
172 100

171 39.1 30.8 46.2

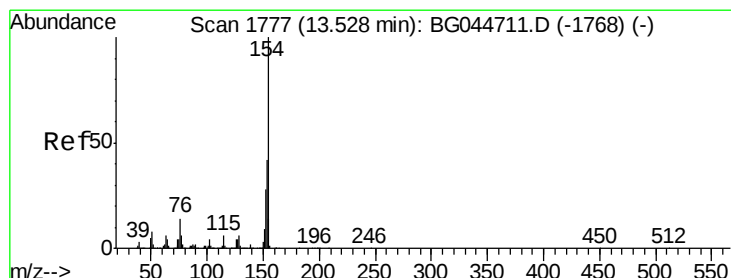
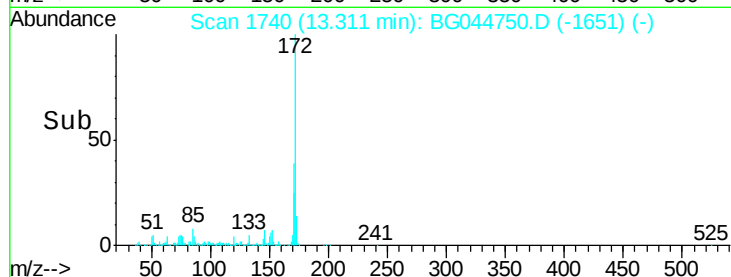
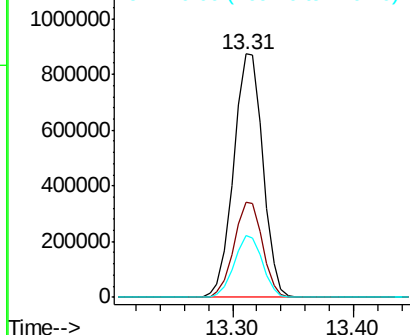
170 25.3 20.0 30.0

Manual Integrations
APPROVED

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3/16/2020 1:48:33 PM



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.036 ng

RT: 13.52 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

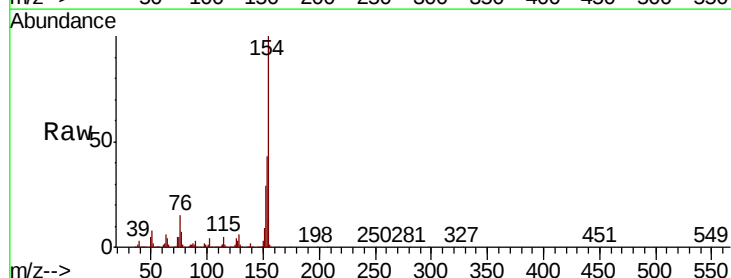
Tgt Ion:154 Resp: 848346

Ion Ratio Lower Upper

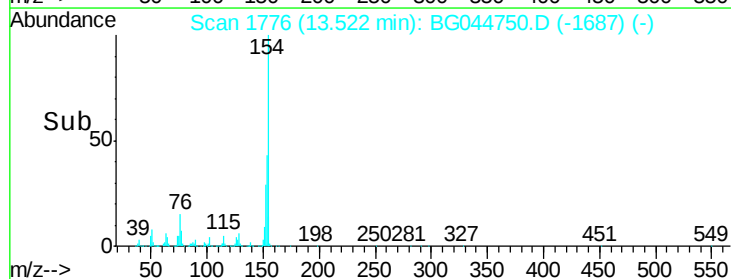
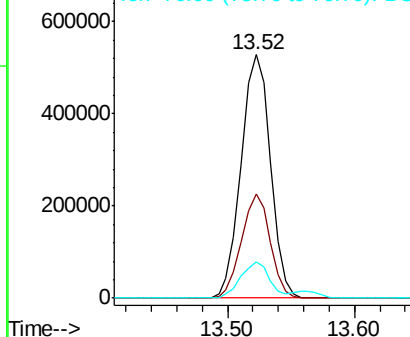
154 100

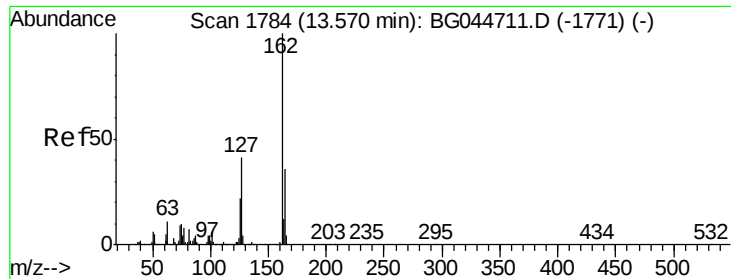
153 43.0 22.0 62.0

76 14.7 0.0 34.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





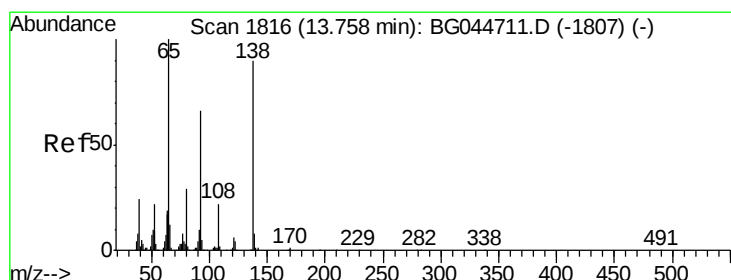
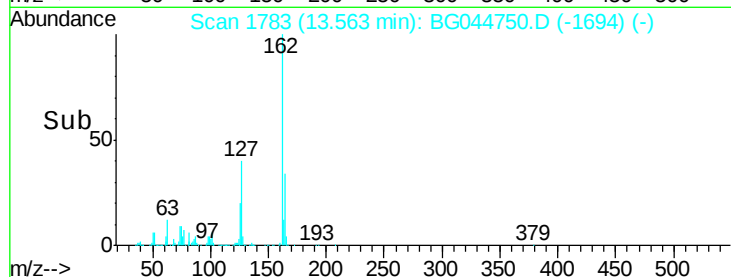
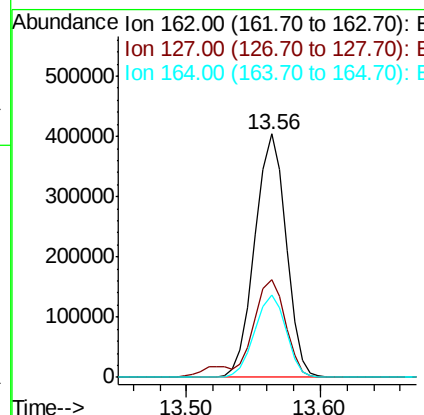
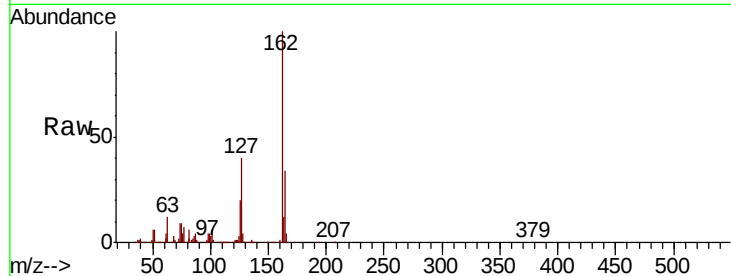
#47
2-Chloronaphthalene
Concen: 41.329 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	48.8
164	34.0	29.0	43.4

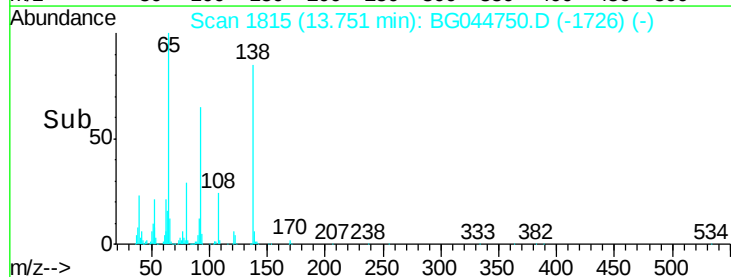
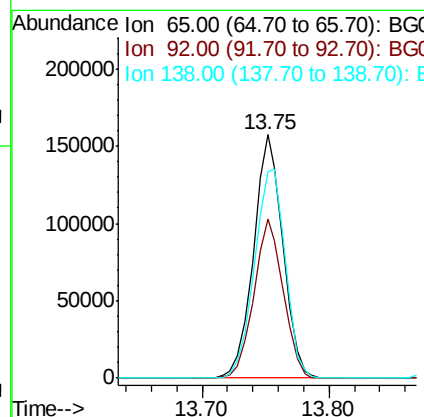
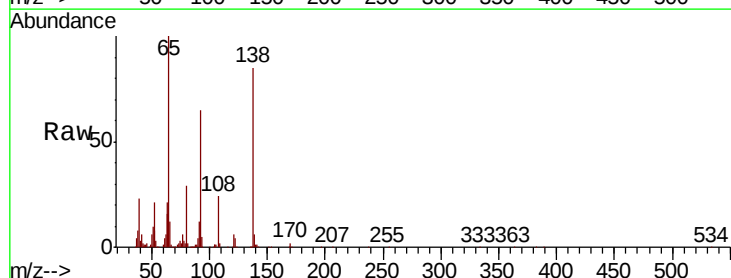
Manual Integrations
APPROVED

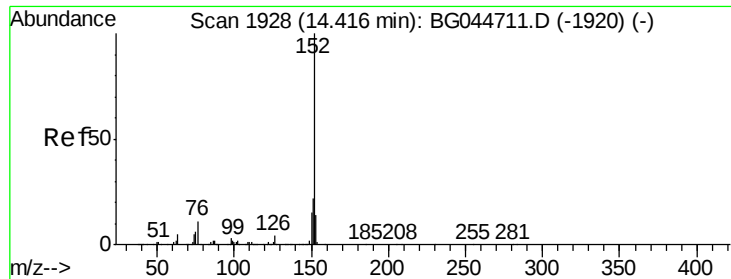
mohammad
3/16/2020 1:48:33 PM



#48
2-Nitroaniline
Concen: 45.743 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.6	79.0
138	84.8	71.8	107.6





#49

Acenaphthylene

Concen: 43.711 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

PB127459BS

Tot Ion:152 Resp: 1081463

Ion Ratio Lower Upper

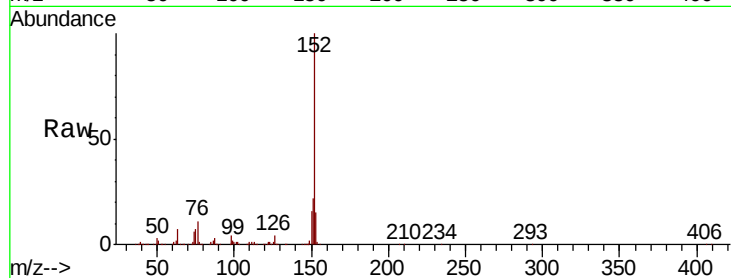
152 100

151 21.7 17.8 26.8

153 14.8 11.4 17.0

Manual Integrations
APPROVED

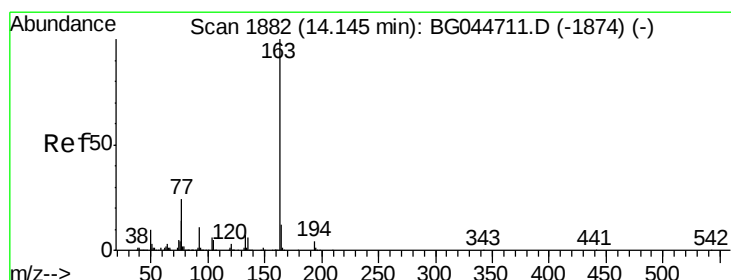
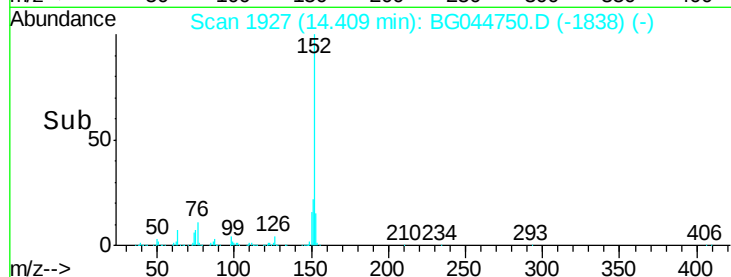
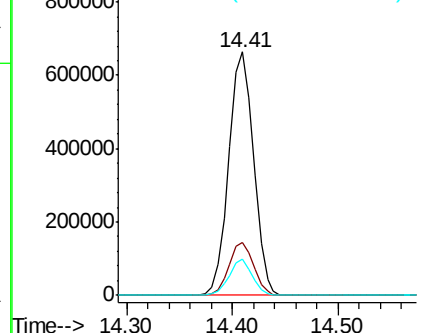
mohammad
3/16/2020 1:48:33 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.568 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

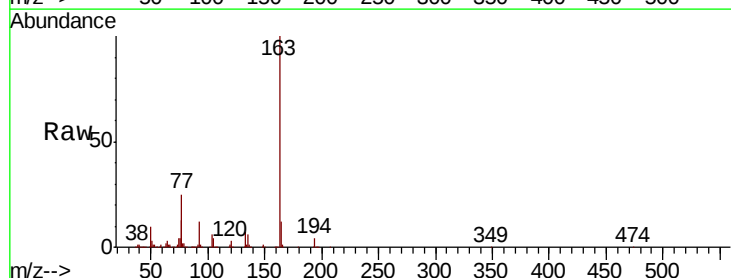
Tgt Ion:163 Resp: 877079

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

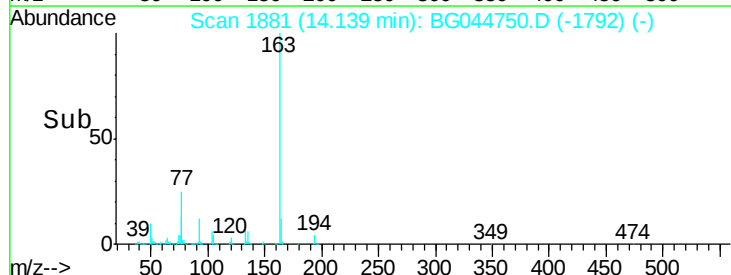
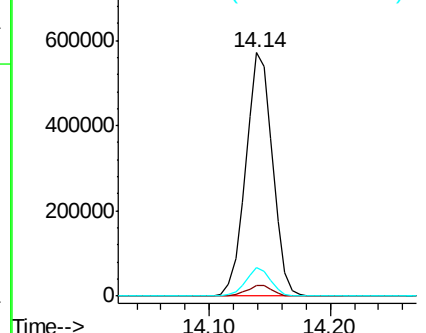
164 11.8 9.2 13.8

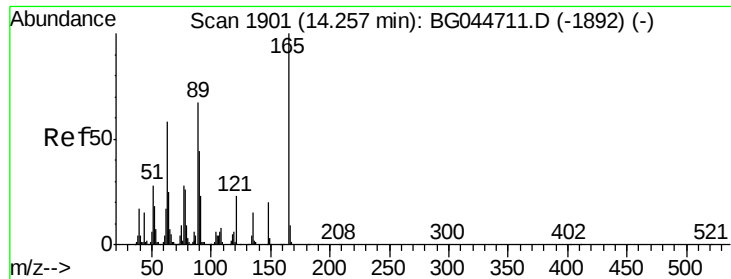


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





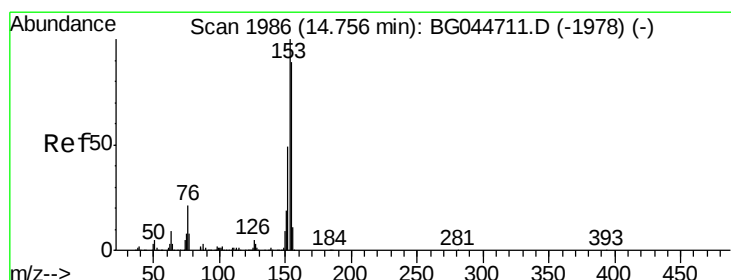
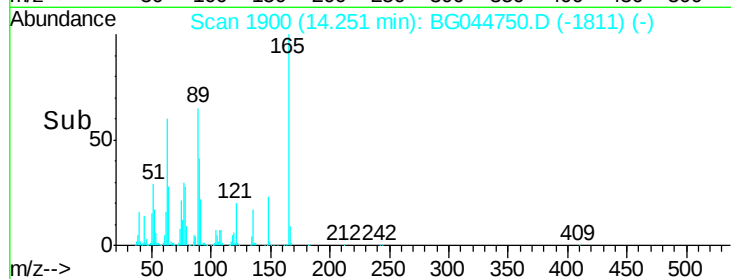
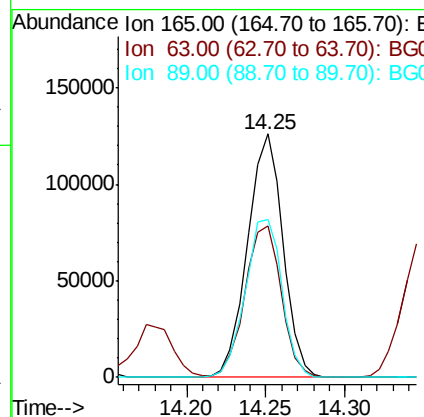
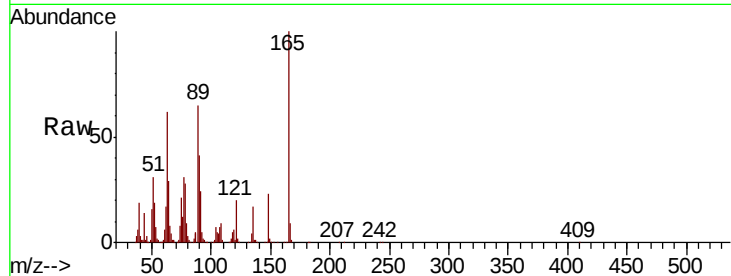
#51
2,6-Dinitrotoluene
Concen: 47.027 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.2	48.9	73.3
89	64.8	53.8	80.8

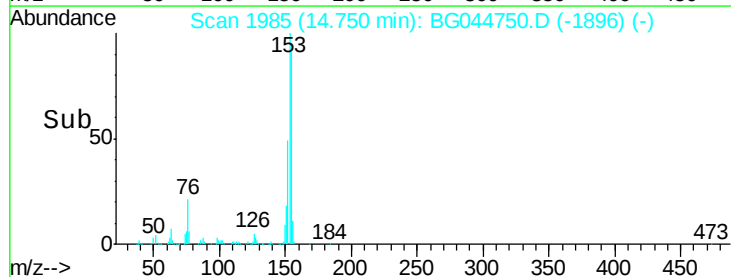
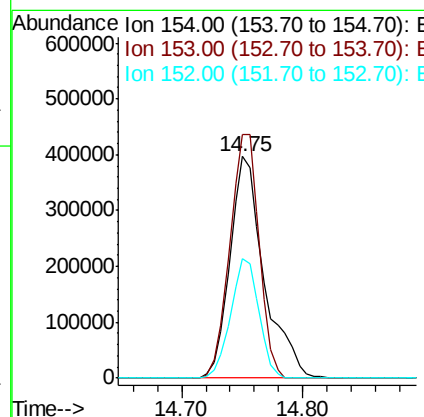
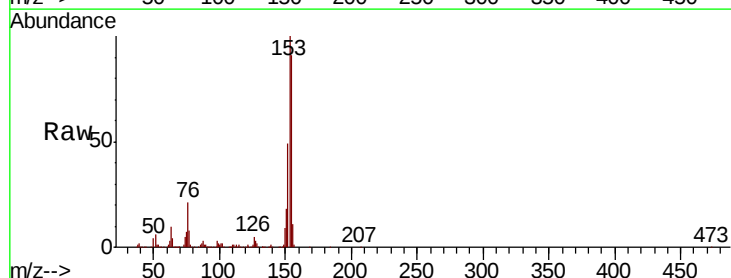
Manual Integrations
APPROVED

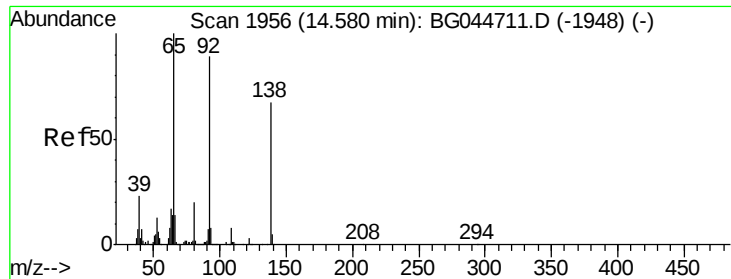
mohammad
3/16/2020 1:48:33 PM



#52
Acenaphthene
Concen: 48.193 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.8	89.8	134.8
152	54.2	44.4	66.6





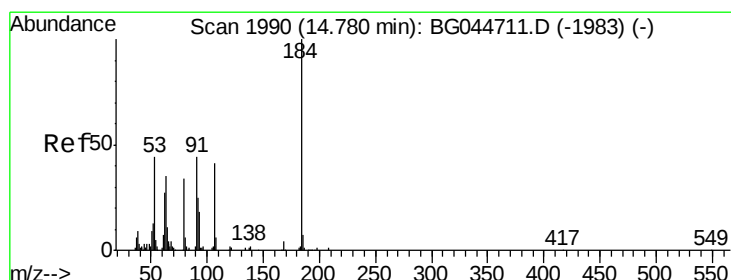
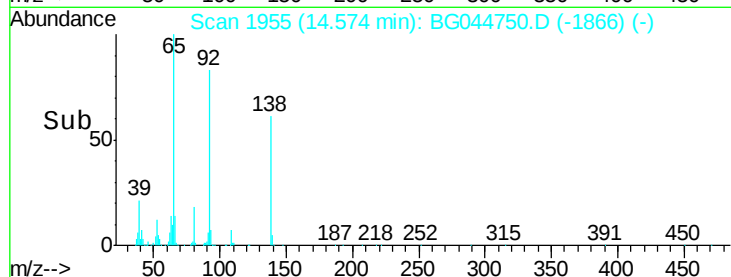
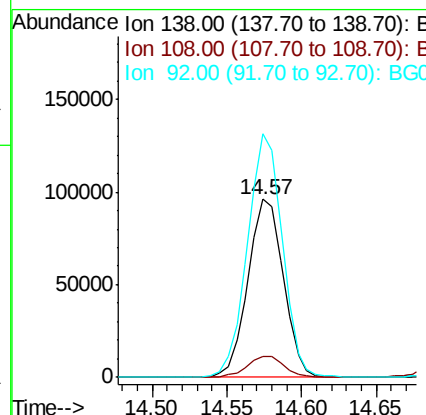
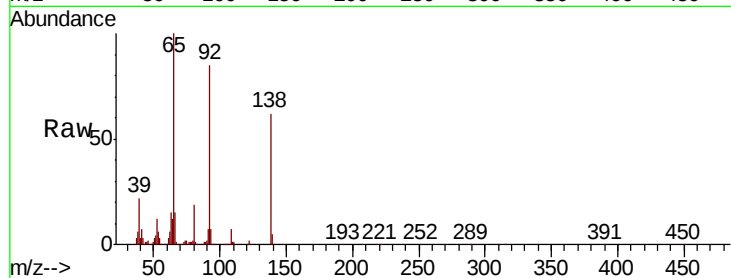
#53
3-Nitroaniline
Concen: 33.036 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.2	13.8
92	136.9	105.6	158.4

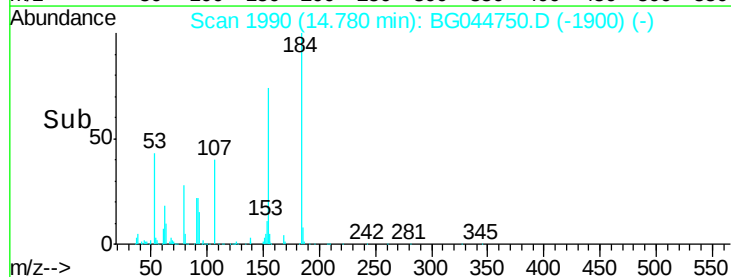
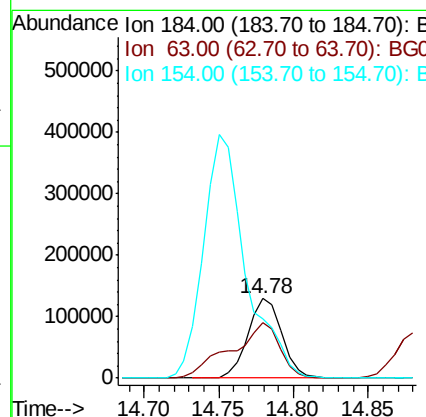
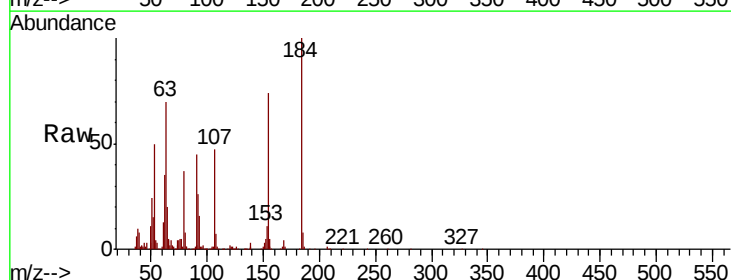
Manual Integrations
APPROVED

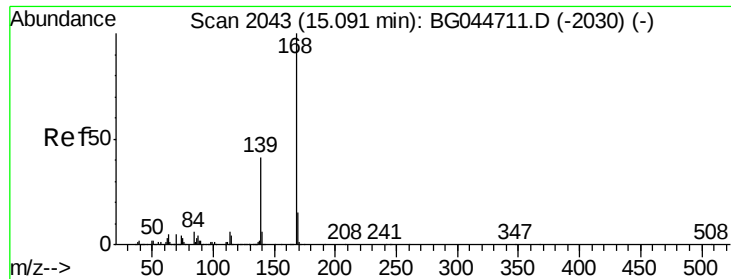
mohammad
3/16/2020 1:48:33 PM



#54
2,4-Dinitrophenol
Concen: 92.554 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.0	49.0	73.6
154	73.8	94.5	141.7#





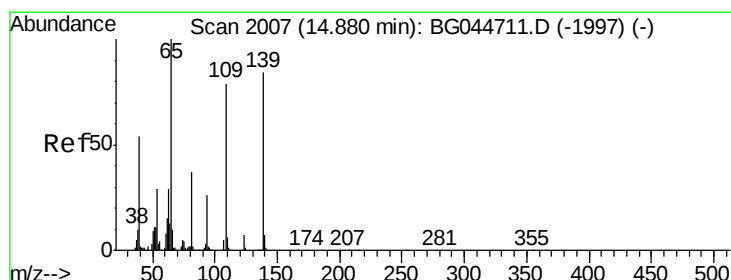
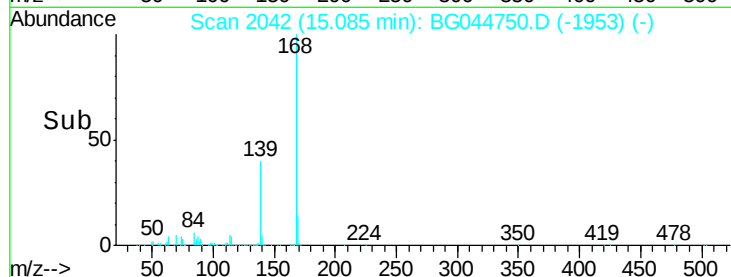
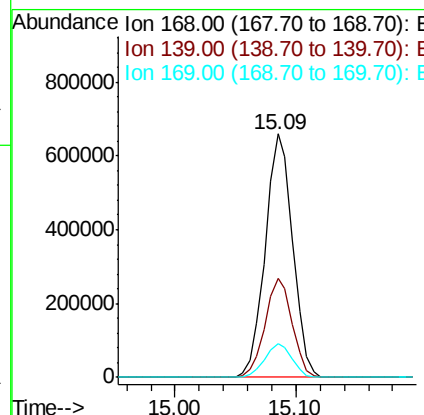
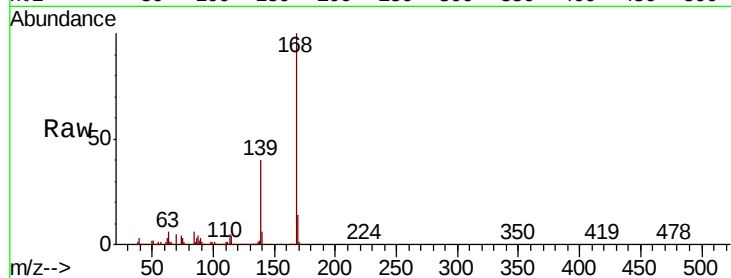
#55
Dibenzofuran
Concen: 43.825 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	32.6	49.0
169	13.8	11.8	17.6

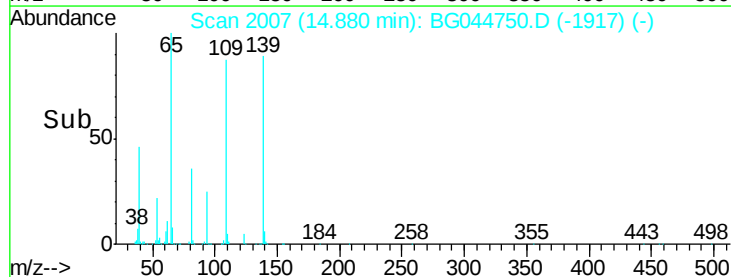
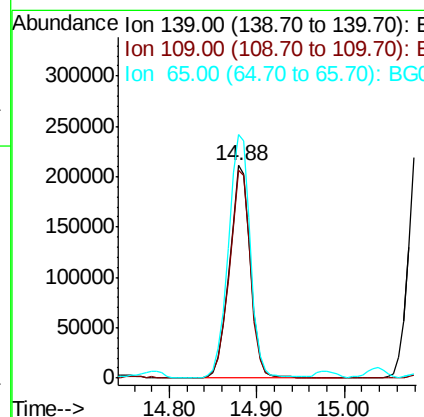
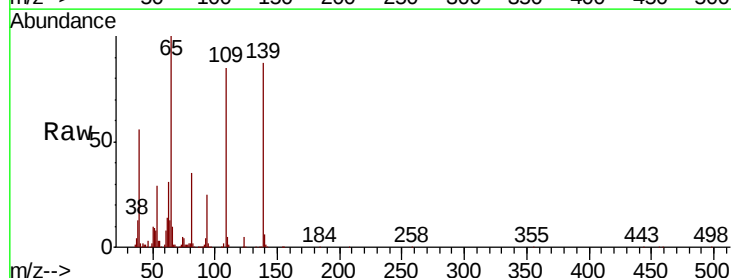
Manual Integrations
APPROVED

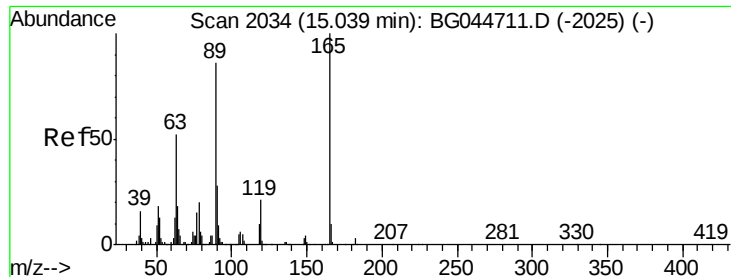
mohammad
3/16/2020 1:48:33 PM



#56
4-Nitrophenol
Concen: 95.775 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.0	74.1	114.1
65	114.7	98.6	138.6





#57

2,4-Dinitrotoluene

Concen: 46.731 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

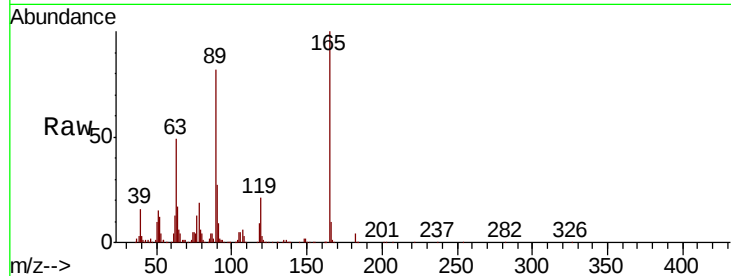
ClientSampleId :

PB127459BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	266179		
63	49.3		41.5	62.3
89	82.0		69.0	103.4
182	3.6		2.7	4.1

Manual Integrations
APPROVED

mohammad
3/16/2020 1:48:33 PM



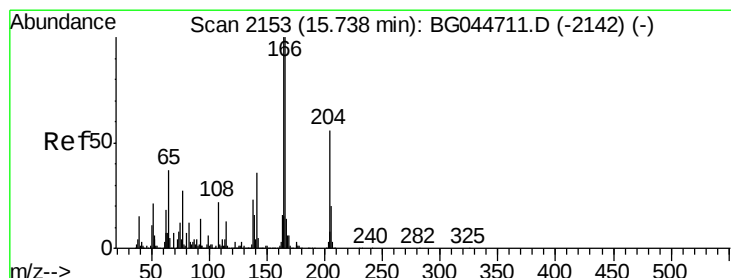
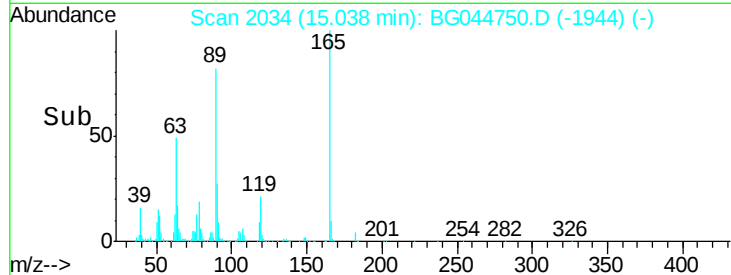
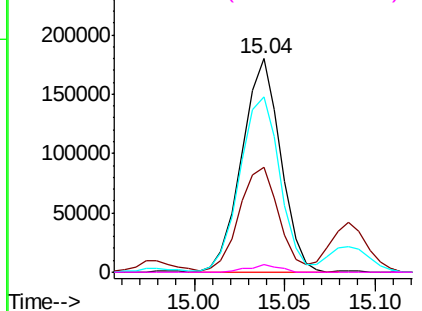
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.805 ng

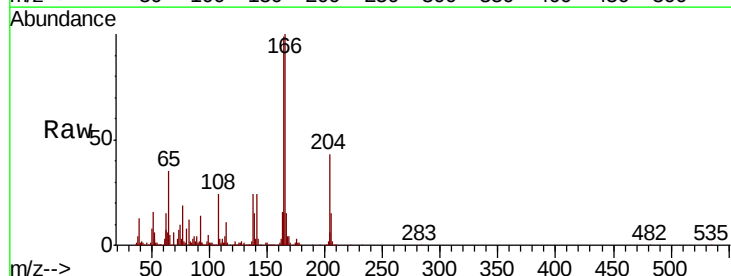
RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	846700		
165	99.2		79.6	119.4
167	14.7		11.4	17.2

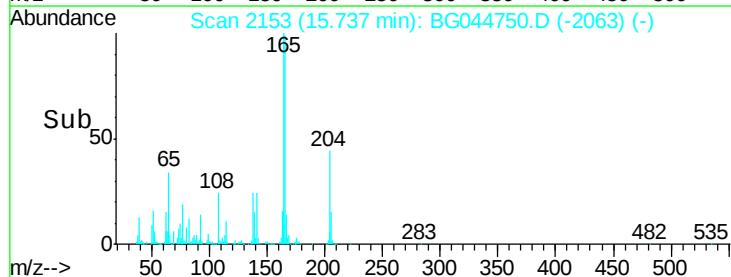
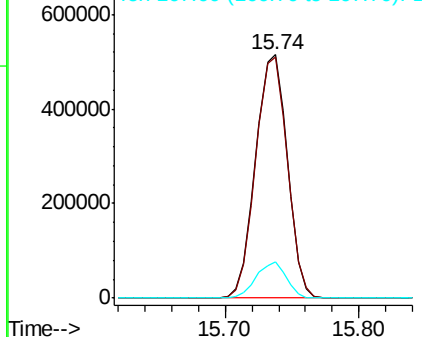


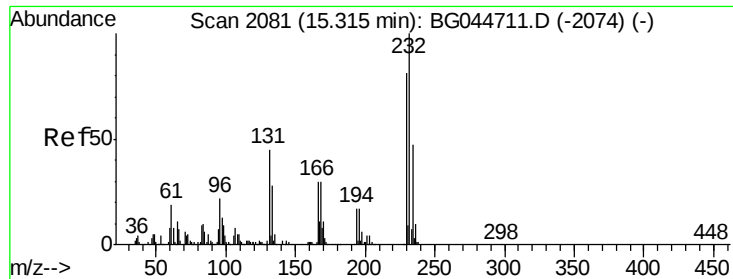
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





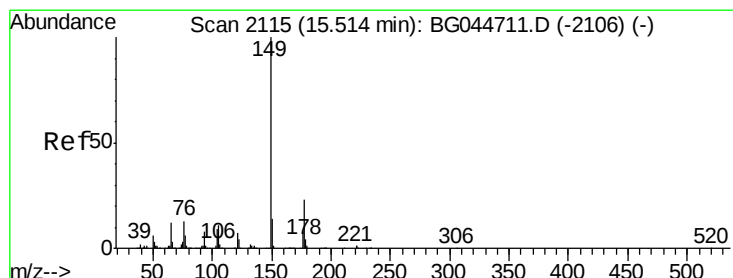
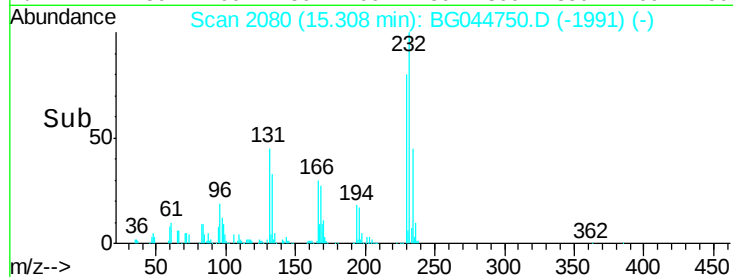
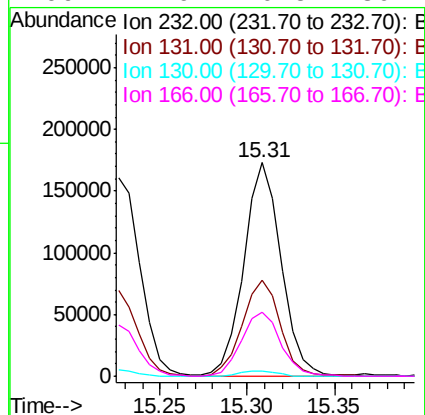
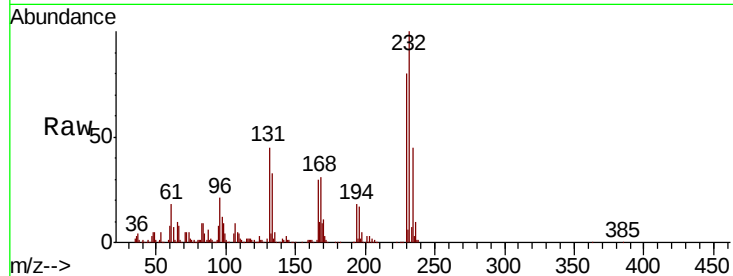
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.902 ng/ml
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	258599		
131	40.8		32.4	48.6
130	2.7		2.0	3.0
166	24.9		20.5	30.7

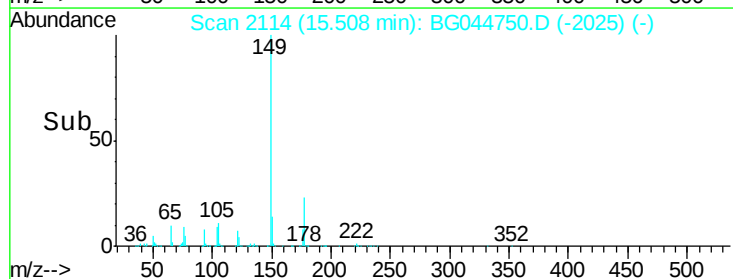
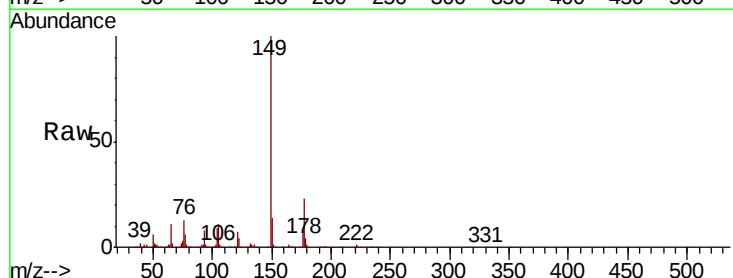
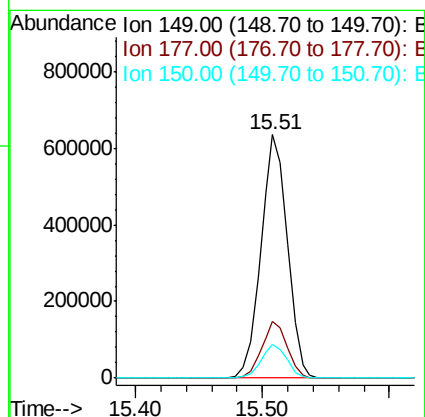
Manual Integrations
APPROVED

mohammad
3/16/2020 1:48:33 PM



#60
Diethylphthalate
Concen: 42.915 ng/ml
RT: 15.51 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	922248		
177	23.5		18.8	28.2
150	13.9		11.2	16.8





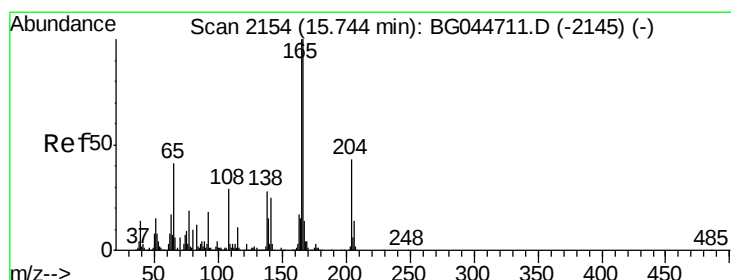
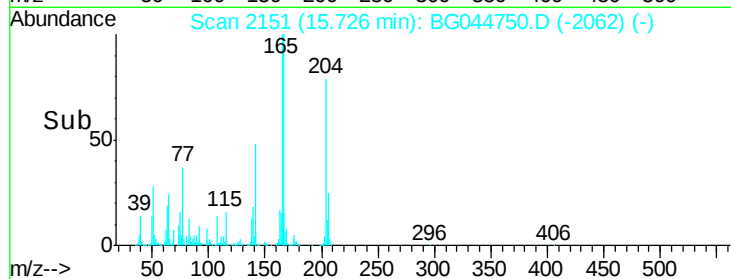
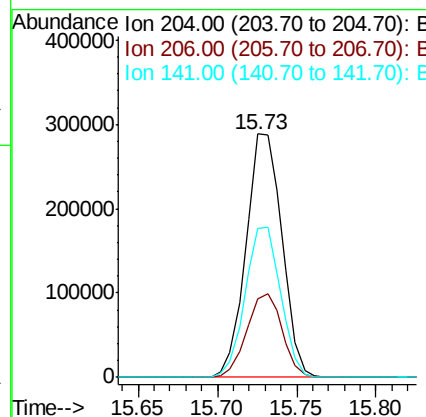
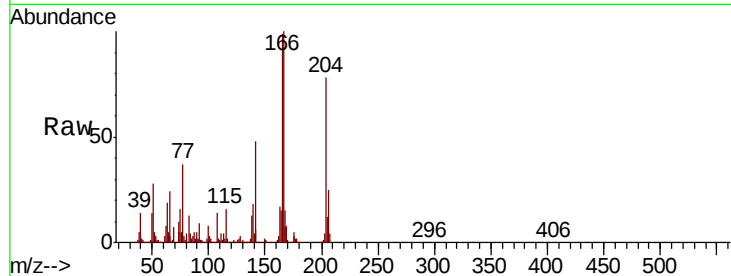
#61
4-Chlorophenyl-phenylether
Concen: 43.647 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.2	25.8	38.6	
141	61.4	50.8	76.2	

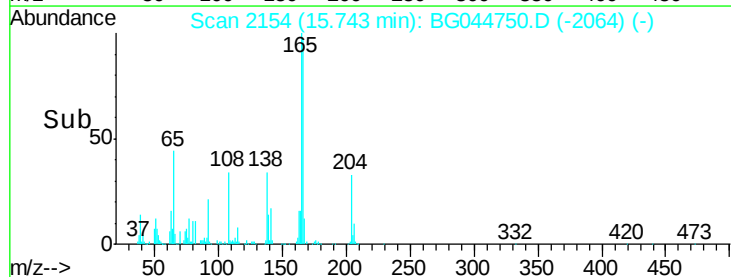
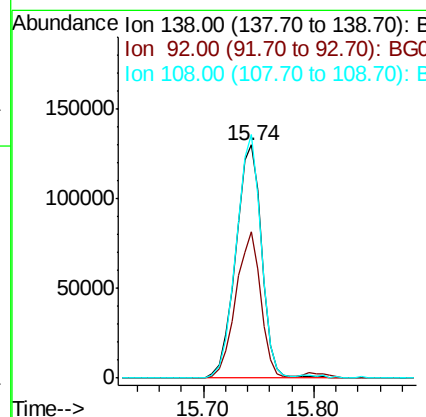
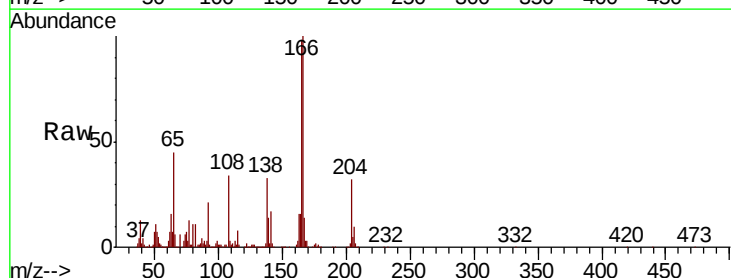
Manual Integrations
APPROVED

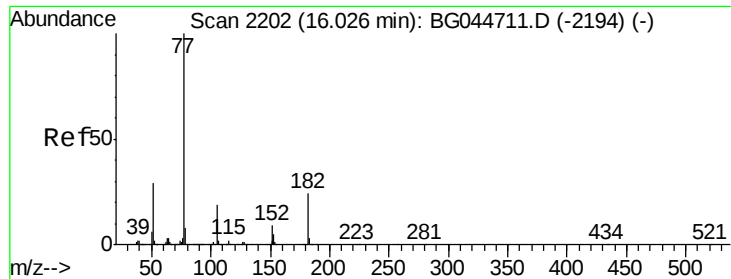
mohammad
3/16/2020 1:48:33 PM



#62
4-Nitroaniline
Concen: 42.210 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	62.7	42.1	82.1	
108	104.4	81.2	121.2	





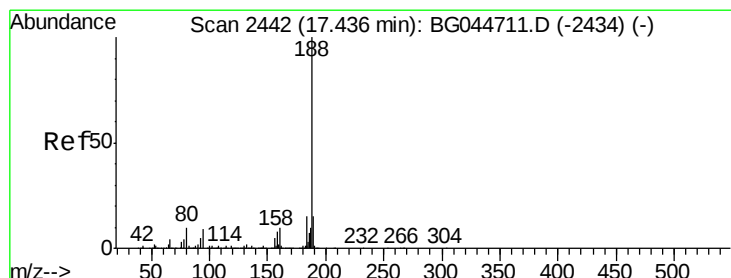
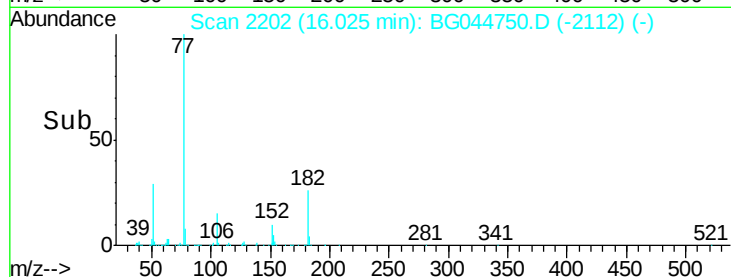
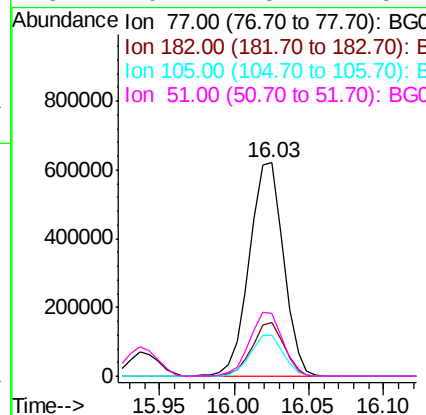
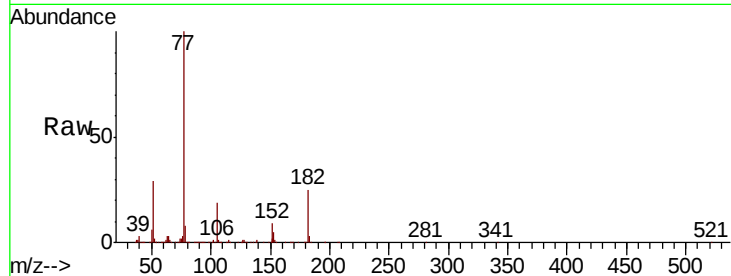
#63
Azobenzene
Concen: 43.822 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.4	3.6	43.6	
105	19.1	0.0	39.3	
51	29.2	8.7	48.7	

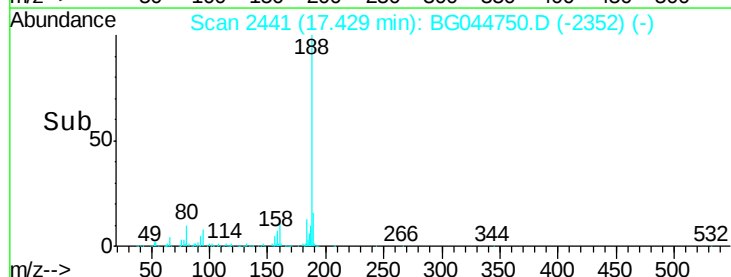
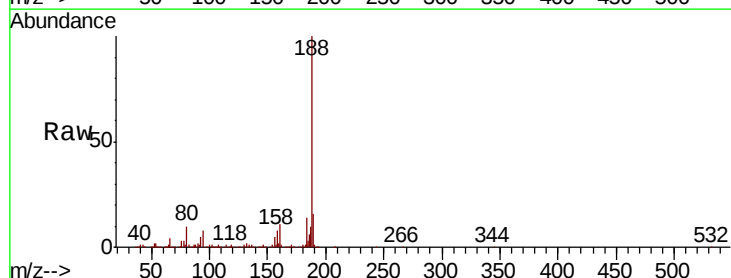
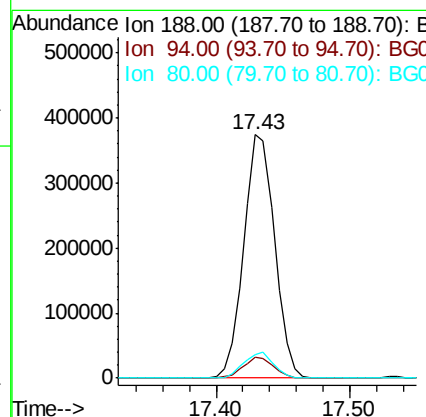
Manual Integrations
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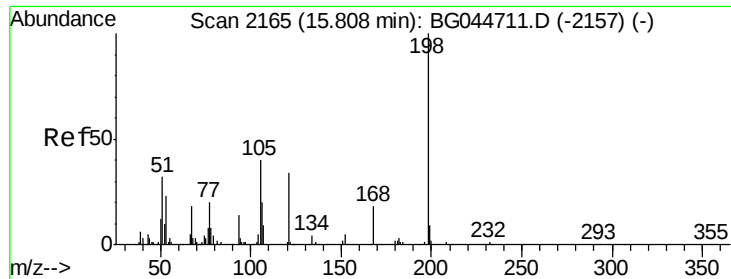
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	7.0	10.6	
80	9.8	8.4	12.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 52.113 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

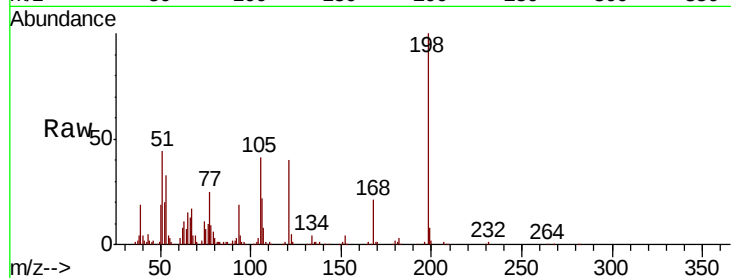
ClientSampleId :

PB127459BS

Tot Ion:	198	Resp:	148010
Ion Ratio	Lower	Upper	
198	100		
51	43.6	20.1	60.1
105	40.8	21.3	61.3

Manual Integrations
APPROVED

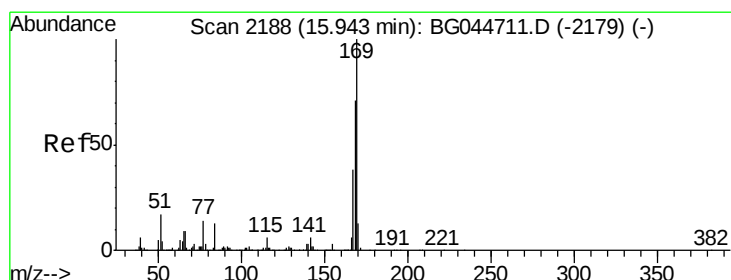
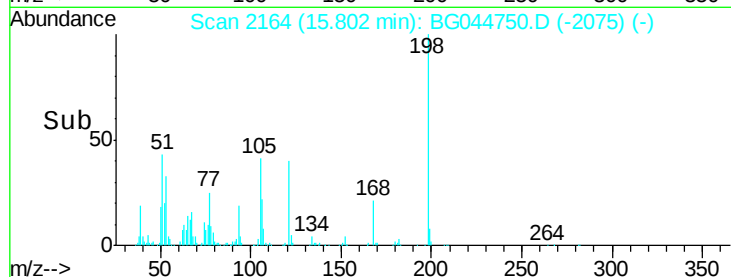
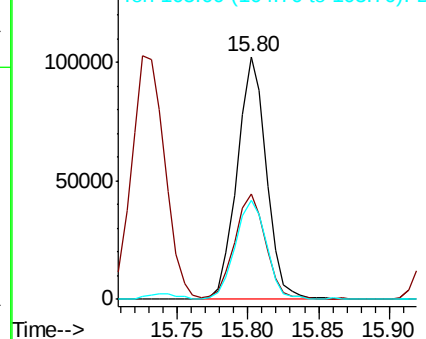
mohammad
3/16/2020 1:48:33 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.748 ng

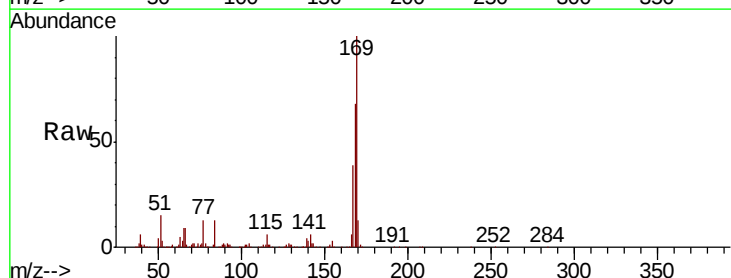
RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

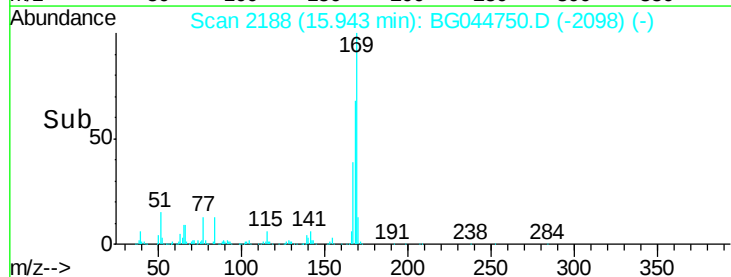
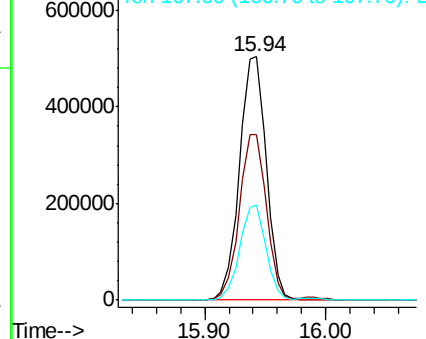
Tgt Ion:	169	Resp:	783083
Ion Ratio	Lower	Upper	
169	100		
168	67.8	56.6	85.0
167	38.9	30.1	45.1

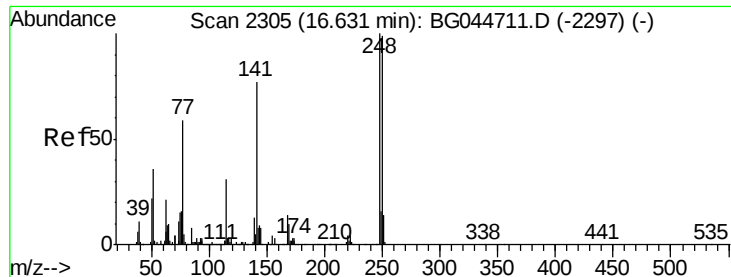


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





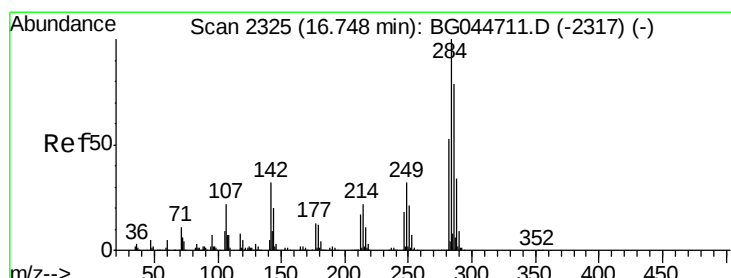
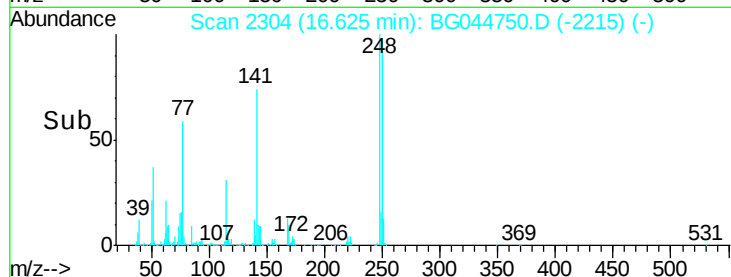
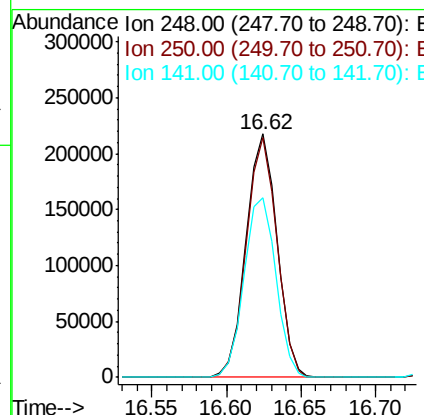
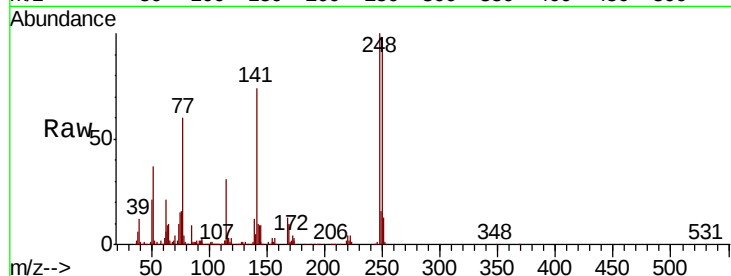
#67
4-Bromophenyl-phenylether
Concen: 42.049 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.4	119.0
141	73.9	61.7	92.5

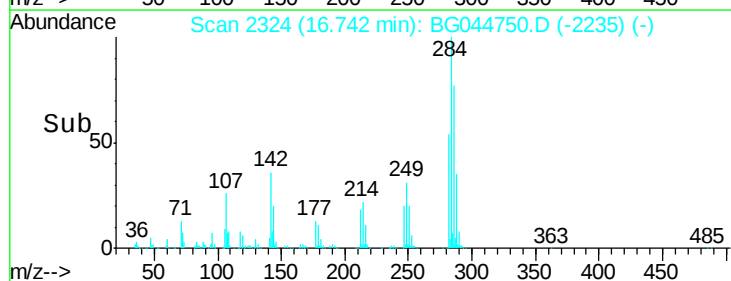
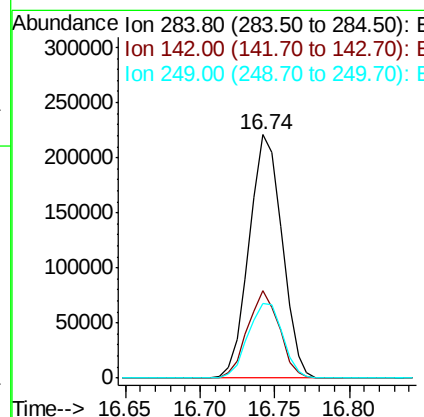
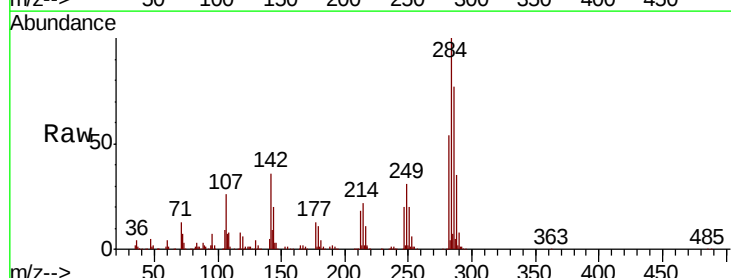
Manual Integrations
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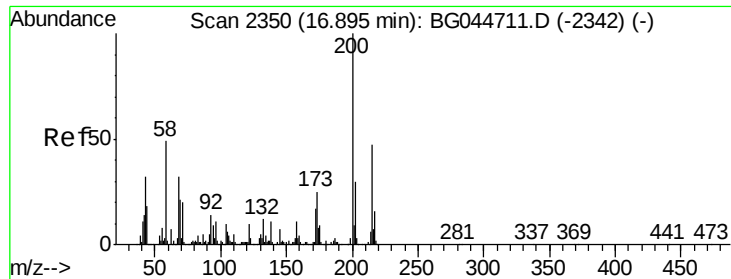
mohammad
3/16/2020 1:48:33 PM



#68
Hexachlorobenzene
Concen: 41.825 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	25.6	38.4
249	30.7	25.8	38.6





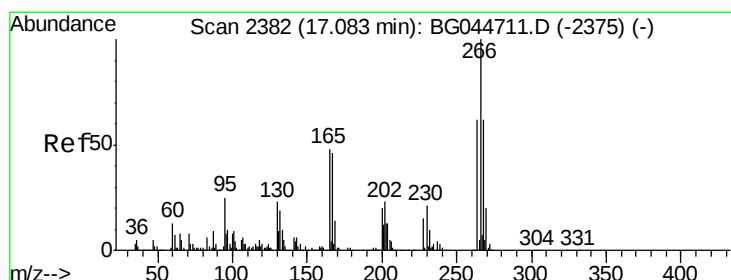
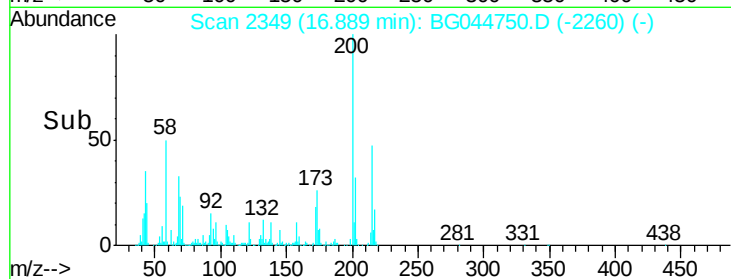
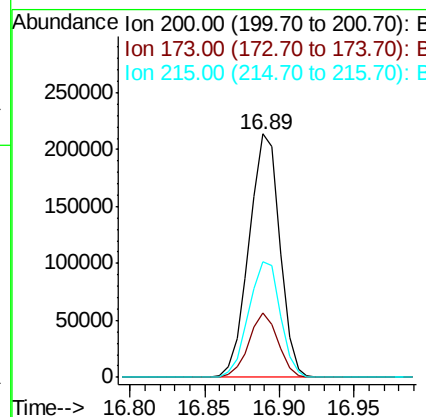
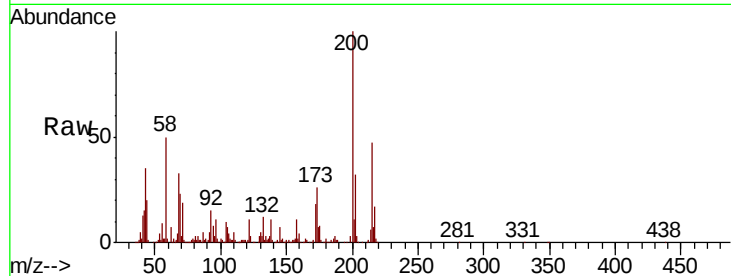
#69
Atrazine
Concen: 46.224 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	4.8	44.8
215	47.2	27.4	67.4

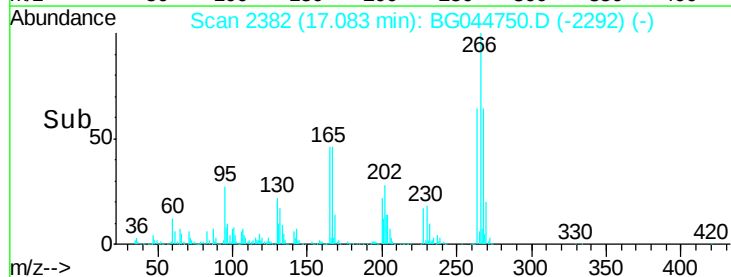
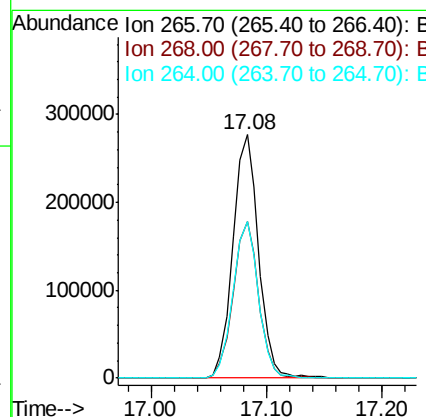
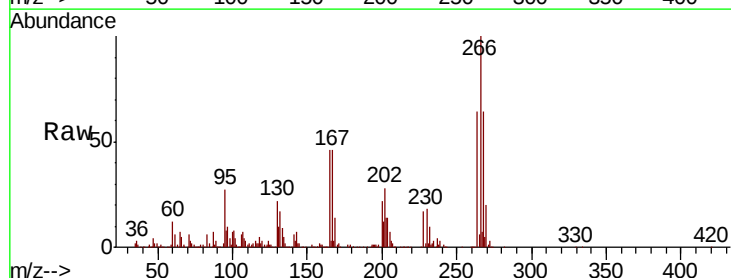
Manual Integrations
APPROVED

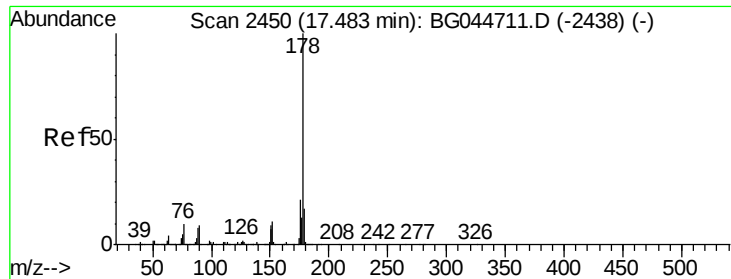
mohammad
3/16/2020 1:48:33 PM



#70
Pentachlorophenol
Concen: 95.613 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	49.9	74.9
264	64.4	49.9	74.9





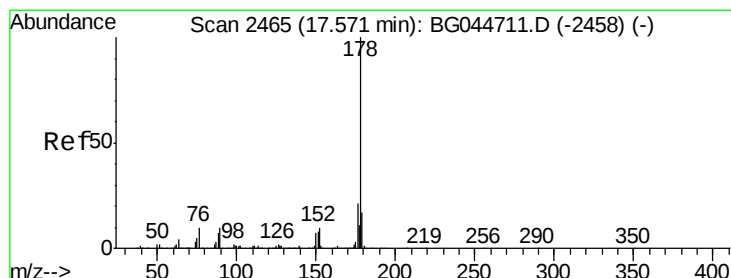
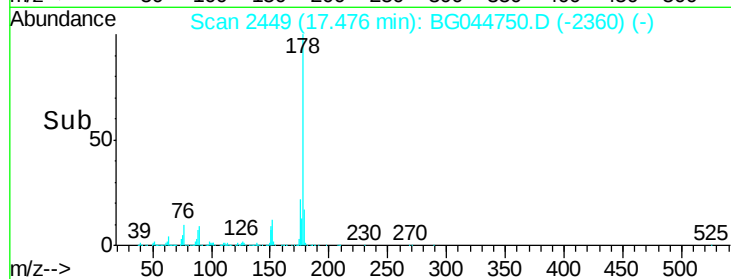
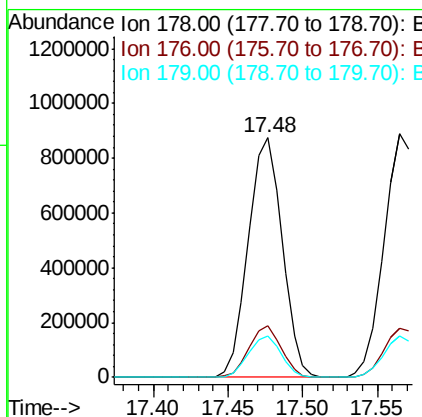
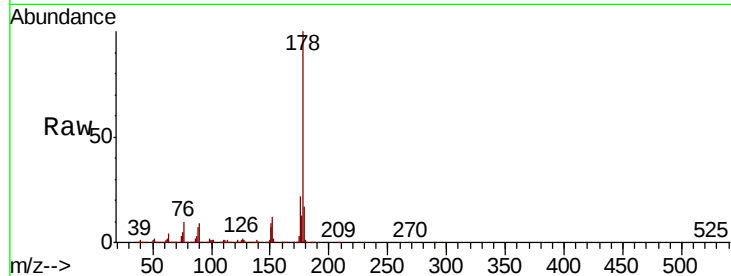
#71
Phenanthrene
Concen: 43.354 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.0	25.6
179	17.1	13.7	20.5

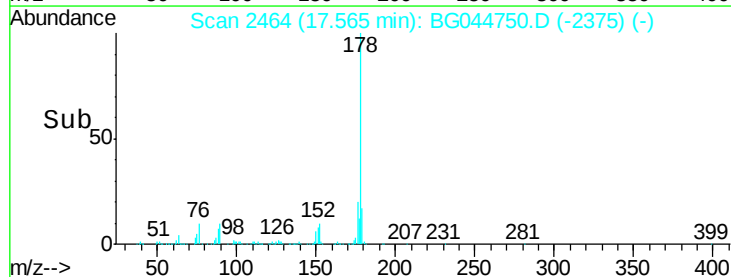
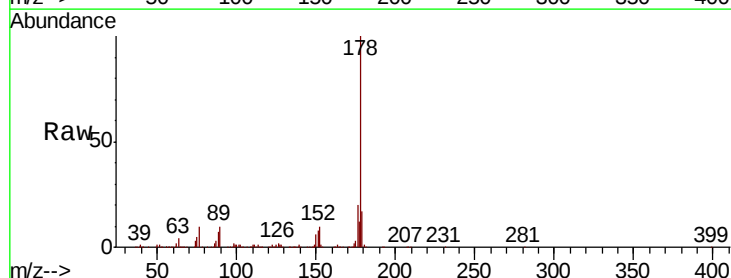
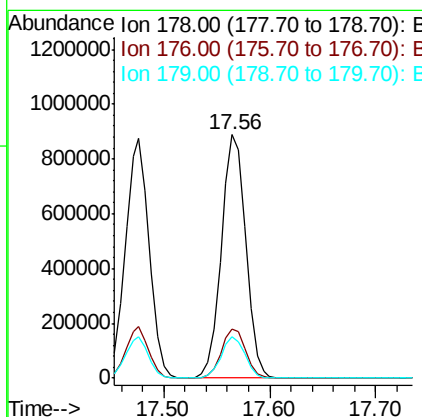
Manual Integrations
APPROVED

mohammad
3/16/2020 1:48:33 PM



#72
Anthracene
Concen: 45.451 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	17.0	25.6
179	17.2	13.8	20.8





#73

Carbazole

Concen: 44.113 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

PB127459BS

Tot Ion:167 Resp: 1327506

Ion Ratio Lower Upper

167 100

166 25.5 19.6 29.4

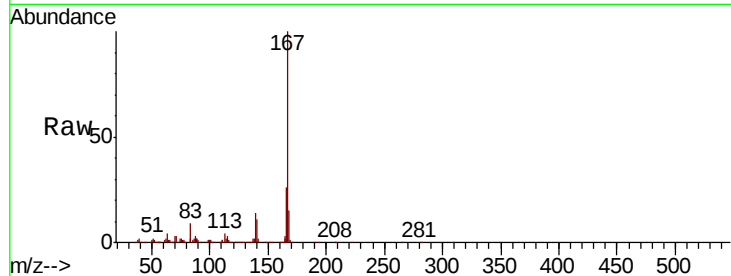
139 14.2 11.4 17.2

Manual Integrations

APPROVED

mohammad

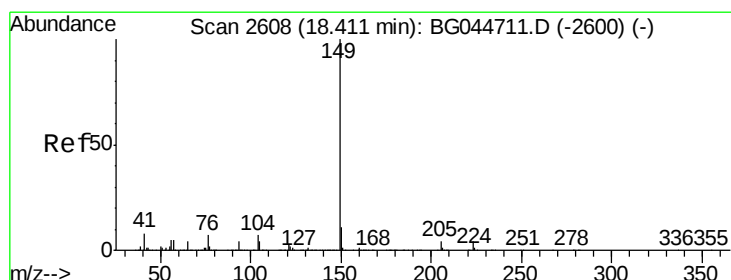
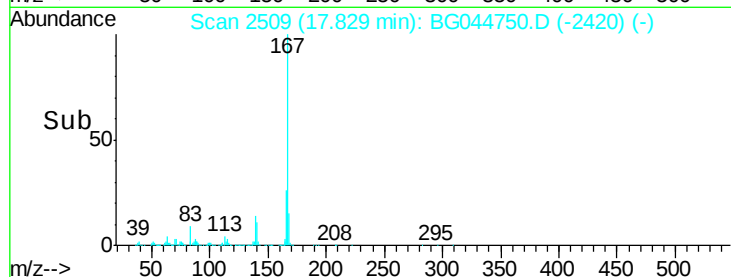
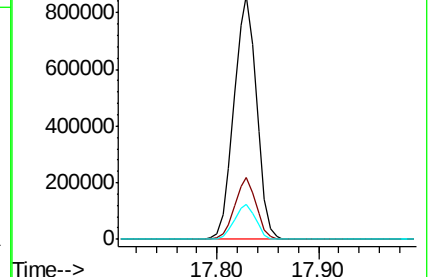
3/16/2020 1:48:33 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.279 ng

RT: 18.40 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

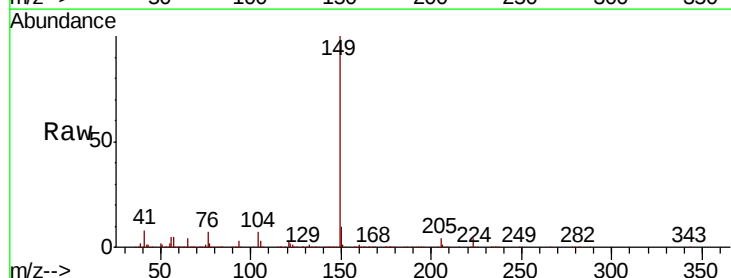
Tgt Ion:149 Resp: 1619793

Ion Ratio Lower Upper

149 100

150 10.3 8.4 12.6

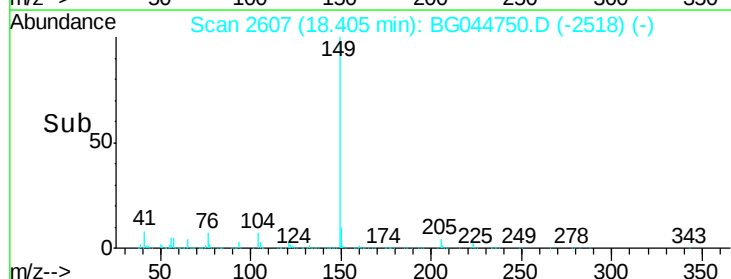
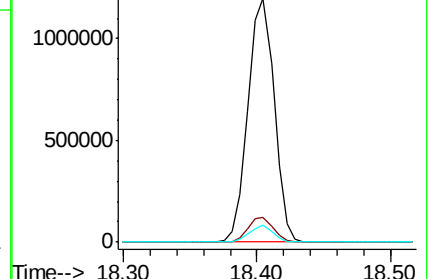
104 7.2 5.6 8.4

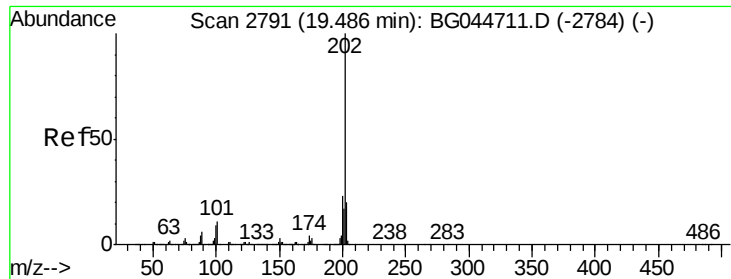


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.239 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

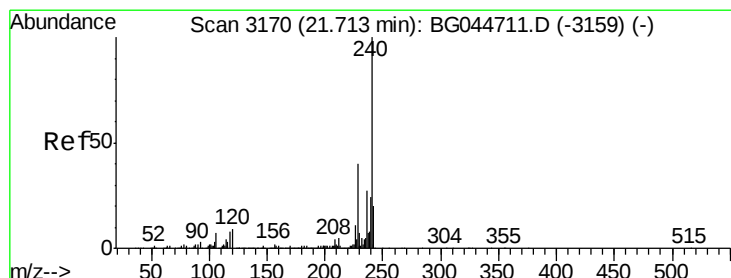
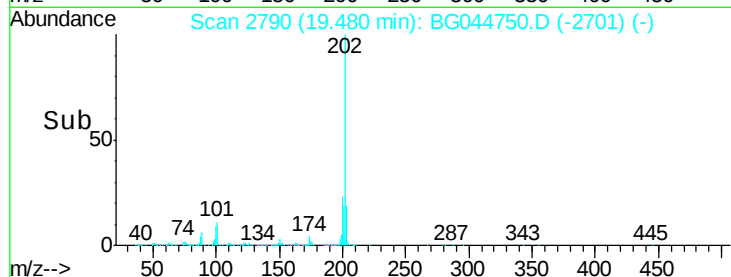
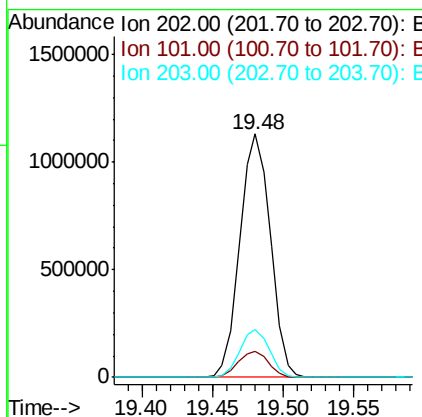
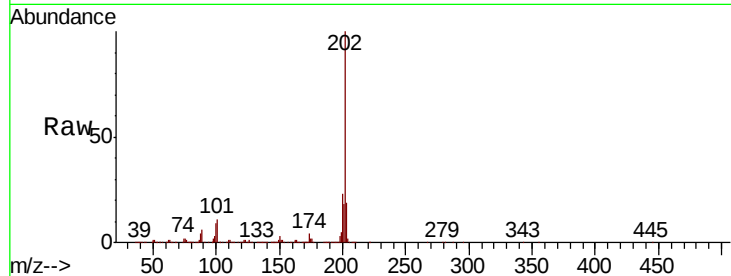
ClientSampleId :

PB127459BS

Tot Ion:	202	Resp:	1711329
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.3
203	19.4	0.4	40.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

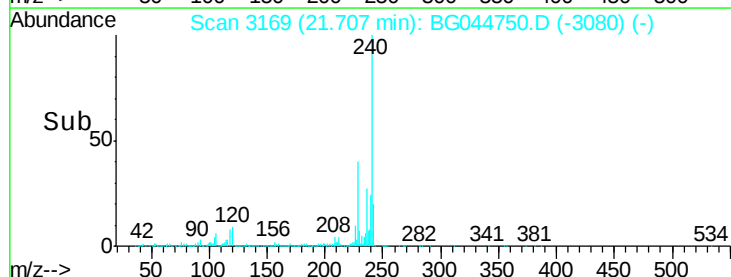
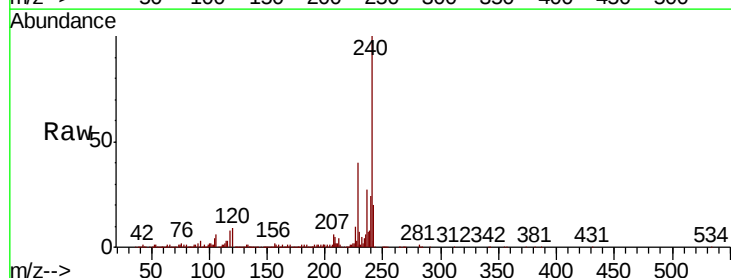
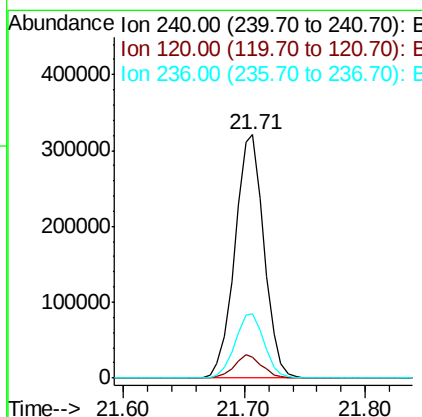
RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:	240	Resp:	537149
Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.7	21.9	32.9





#77

Benzidine

Concen: 62.945 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

PB127459BS

Tot Ion:184 Resp: 1097633

Ion Ratio Lower Upper

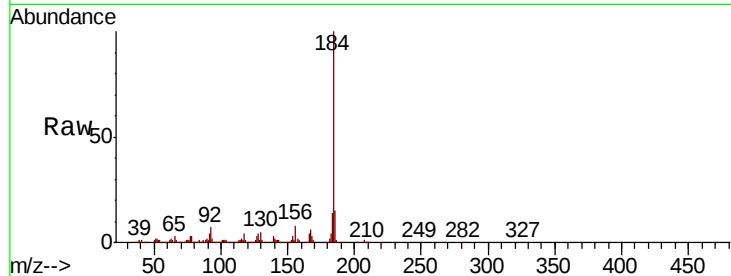
184 100

185 14.9 12.9 19.3

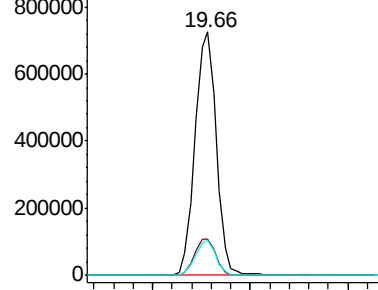
183 14.3 10.6 15.8

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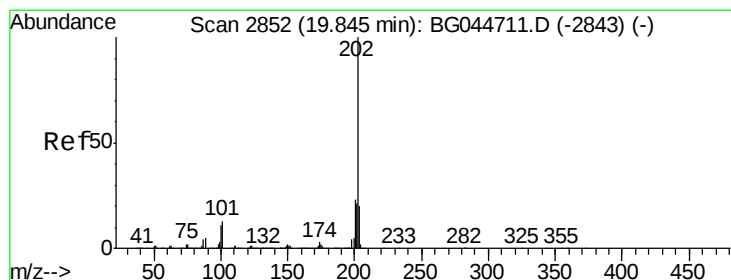
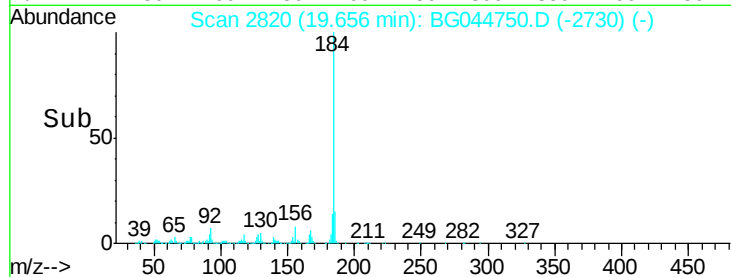
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Abundance Ion 184.00 (183.70 to 184.70): E
1000000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 43.170 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

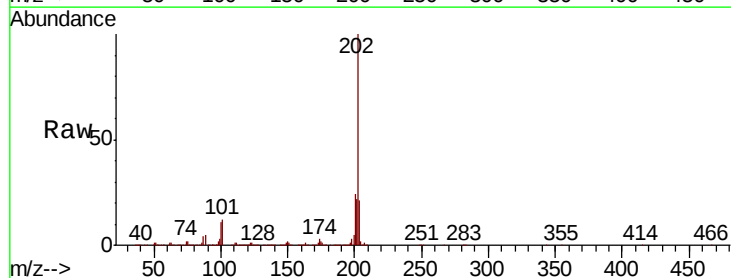
Tgt Ion:202 Resp: 1701279

Ion Ratio Lower Upper

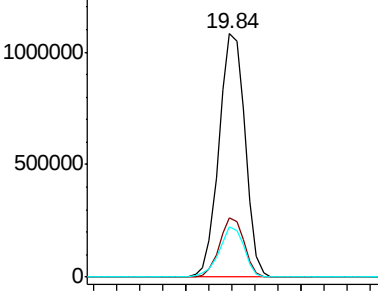
202 100

200 24.4 18.7 28.1

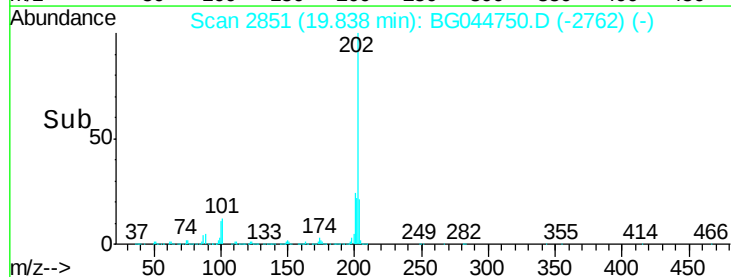
203 20.7 16.0 24.0

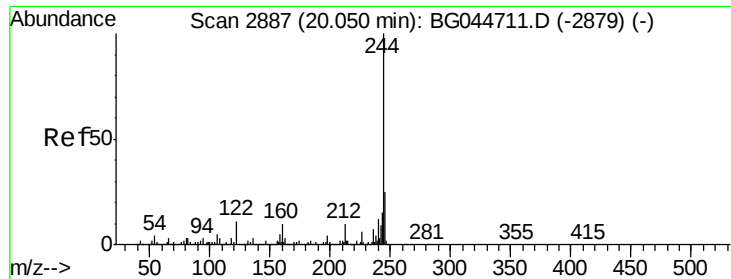


Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 83.207 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

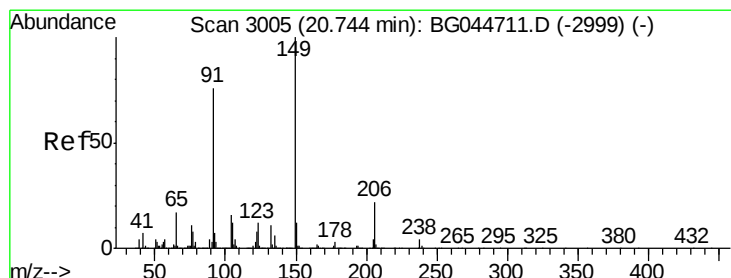
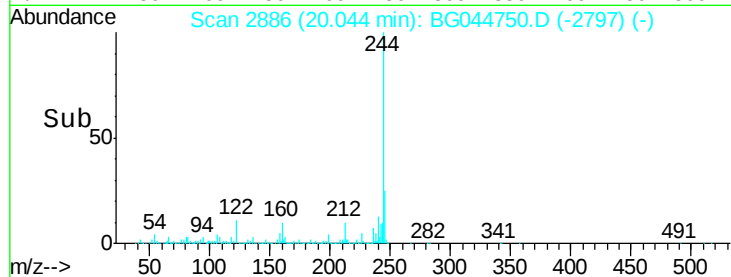
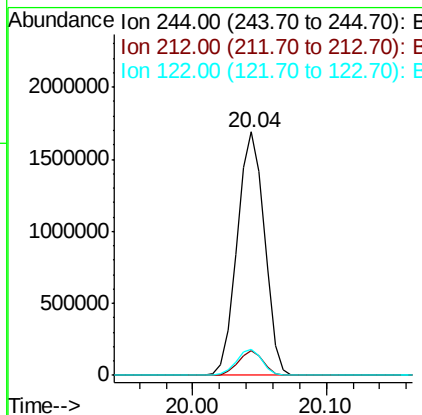
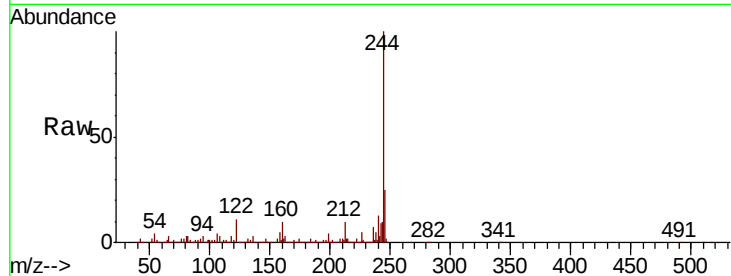
ClientSampleId :

PB127459BS

Tot Ion:	244	Resp:	2389392
Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.4	12.6
122	10.9	8.7	13.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 42.713 ng

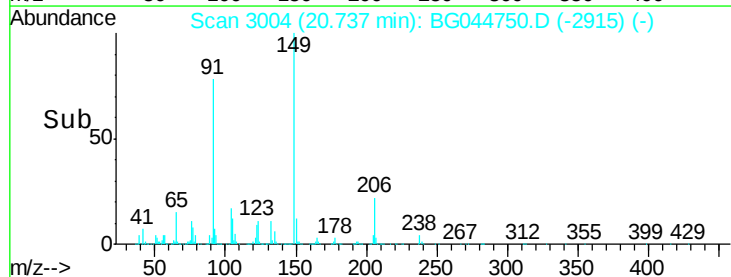
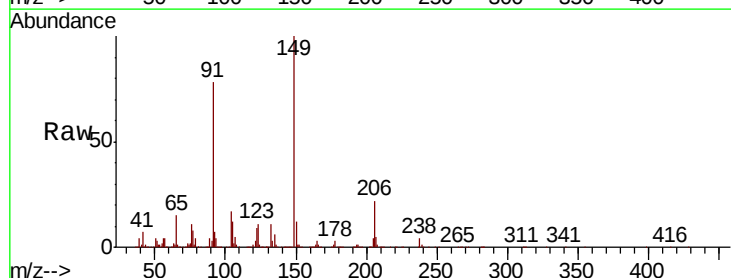
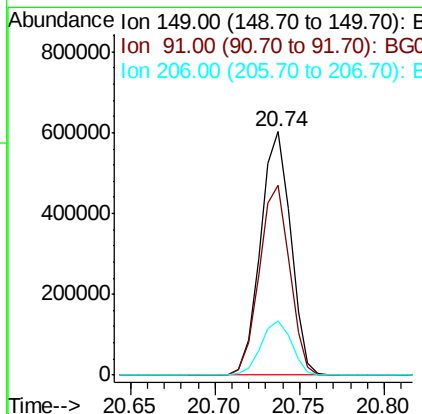
RT: 20.74 min Scan# 3004

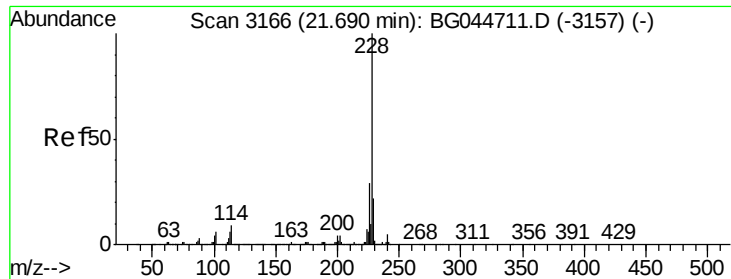
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:	149	Resp:	748844
Ion	Ratio	Lower	Upper
149	100		
91	77.8	61.1	91.7
206	22.5	17.4	26.2





#81

Benzo(a)anthracene

Concen: 43.593 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

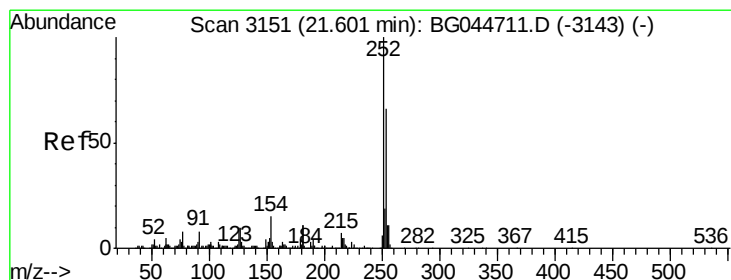
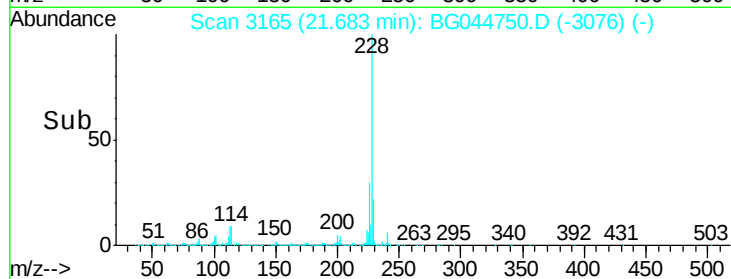
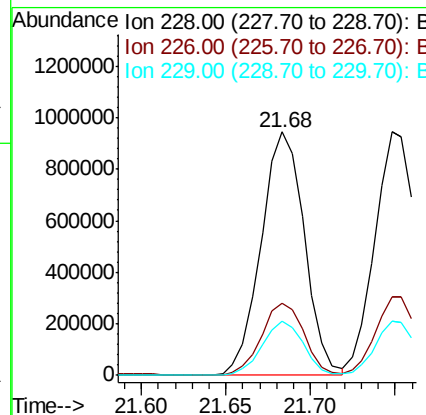
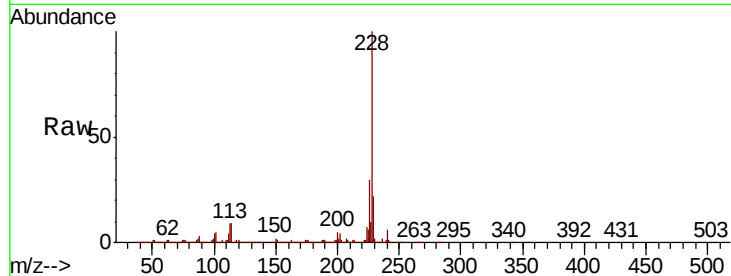
ClientSampleId :

PB127459BS

Tot Ion:	228	Resp:	1686101
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	22.3	17.2	25.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 35.073 ng

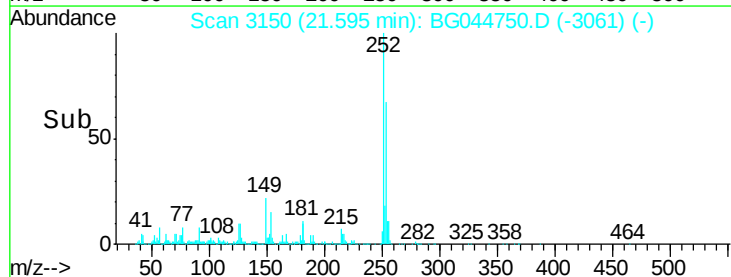
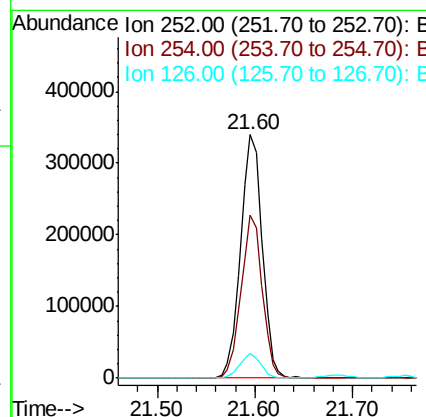
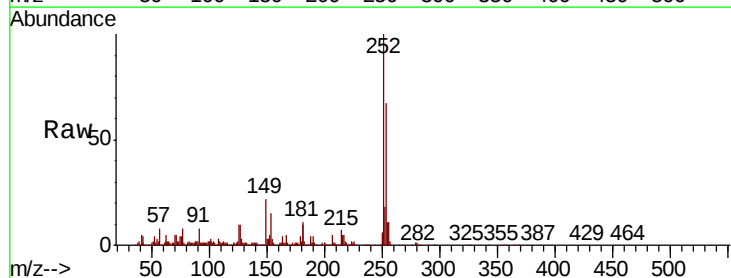
RT: 21.60 min Scan# 3150

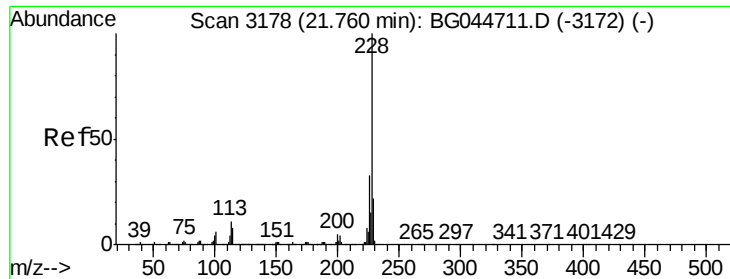
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:	252	Resp:	524815
Ion	Ratio	Lower	Upper
252	100		
254	66.9	53.0	79.4
126	10.0	8.2	12.4





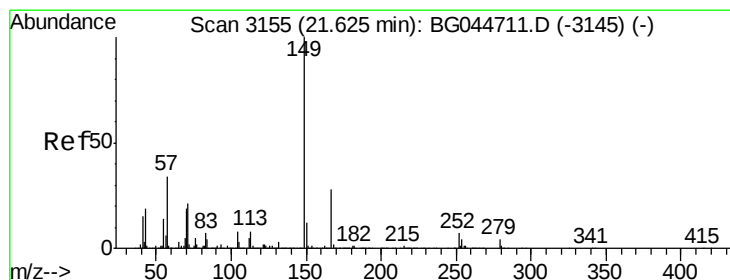
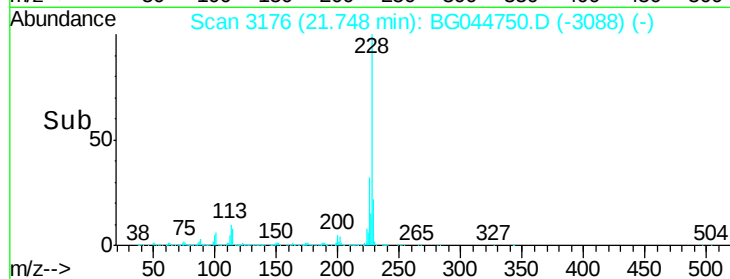
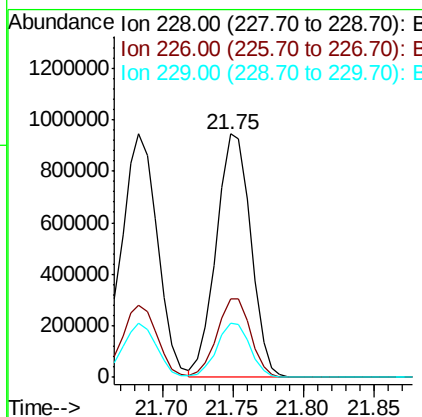
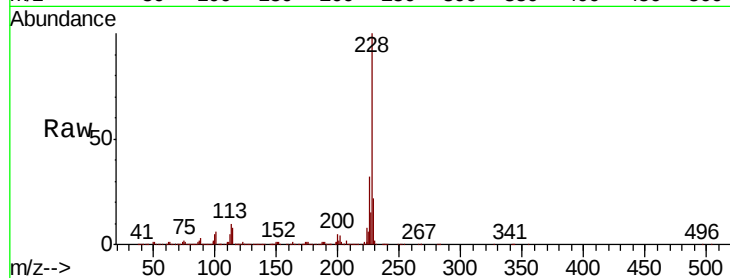
#83
 Chrysene
 Concen: 43.573 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Instrument :
 BNA_G
 ClientSampleId :
 PB127459BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.1	39.1
229	22.0	17.4	26.0

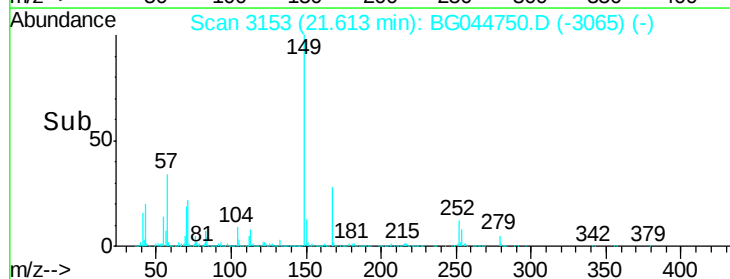
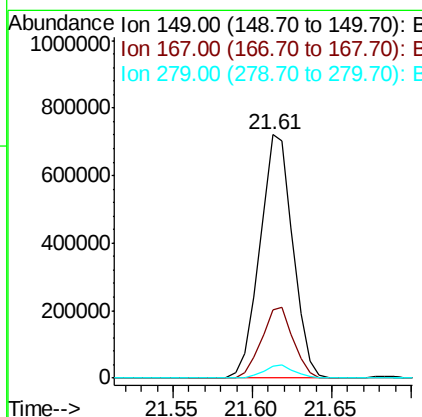
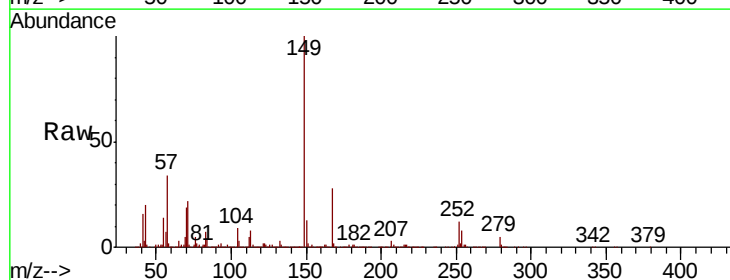
Manual Integrations
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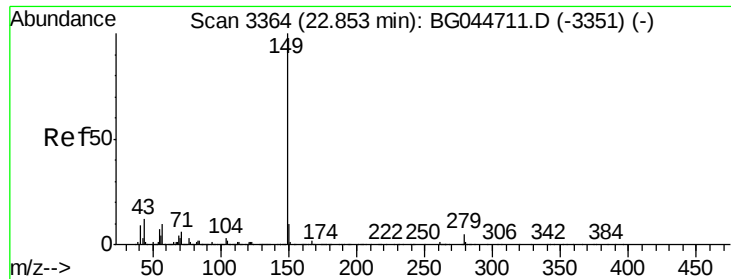
mohammad
 3/16/2020 1:48:33 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.982 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG044750.D
 Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	33.8
279	4.7	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 45.025 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

ClientSampleId :

PB127459BS

Tot Ion:149 Resp: 1823100

Ion Ratio Lower Upper

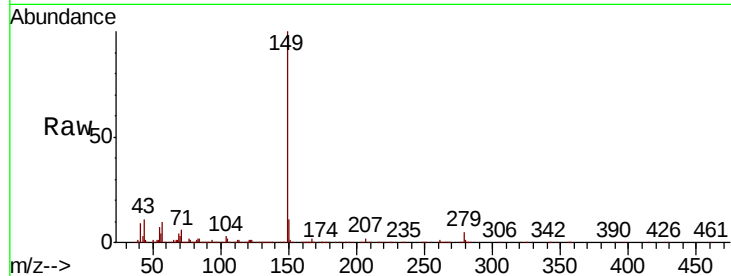
149 100

167 1.7 1.4 2.0

43 11.3 9.0 13.6

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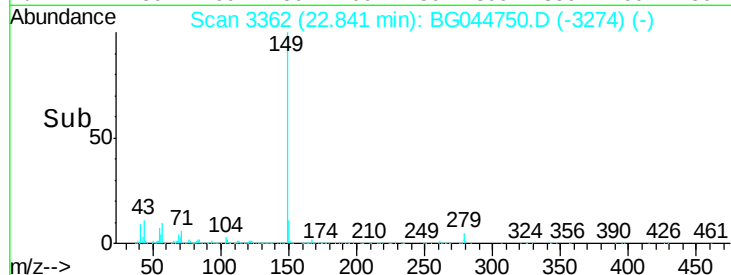


Abundance Ion 149.00 (148.70 to 149.70): E

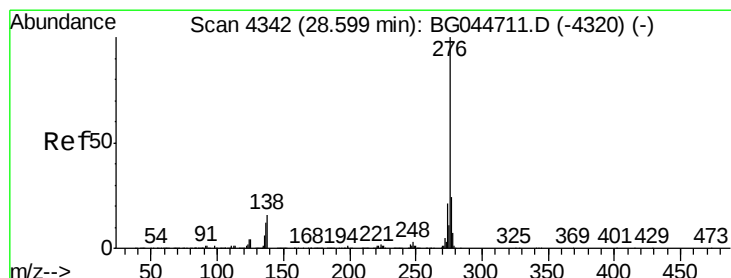
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time-->



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.158 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

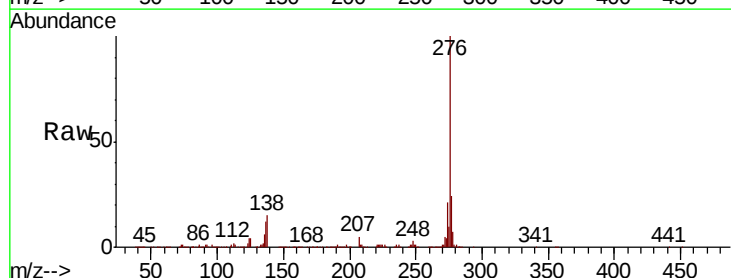
Tgt Ion:276 Resp: 2187362

Ion Ratio Lower Upper

276 100

138 13.4 10.9 16.3

277 26.3 20.8 31.2

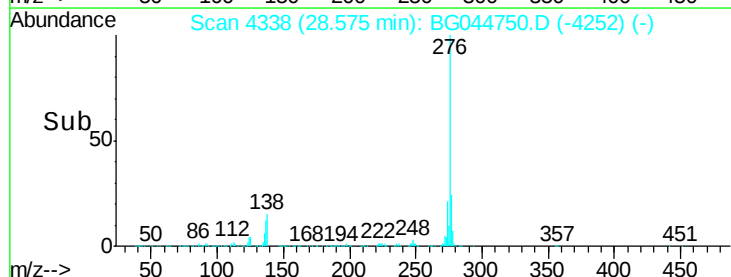


Abundance Ion 276.00 (275.70 to 276.70): E

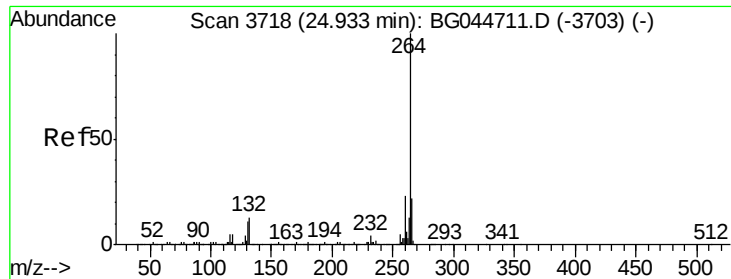
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Instrument :

BNA_G

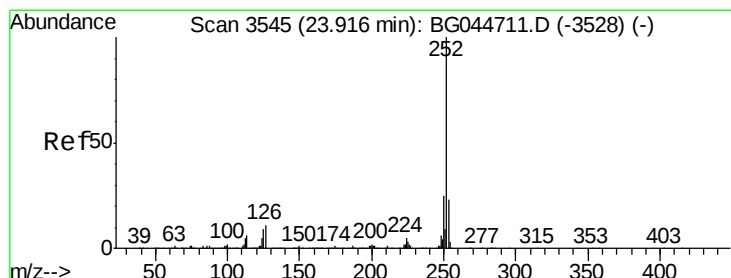
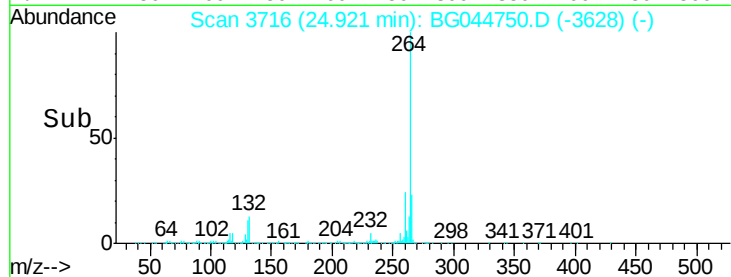
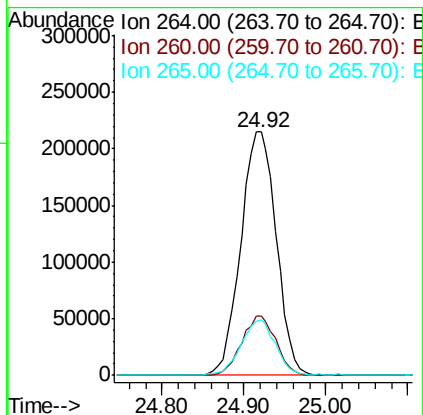
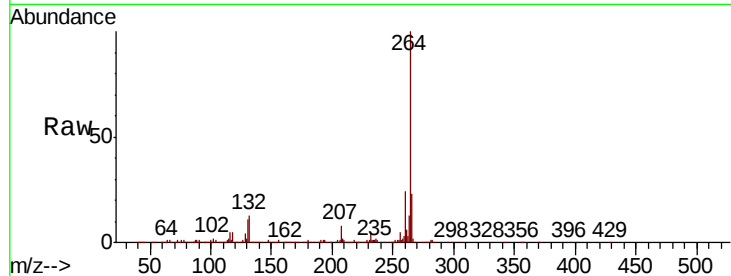
ClientSampleId :

PB127459BS

Tot Ion:	264	Resp:	647307
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.4	27.6
265	22.8	17.4	26.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 43.377 ng

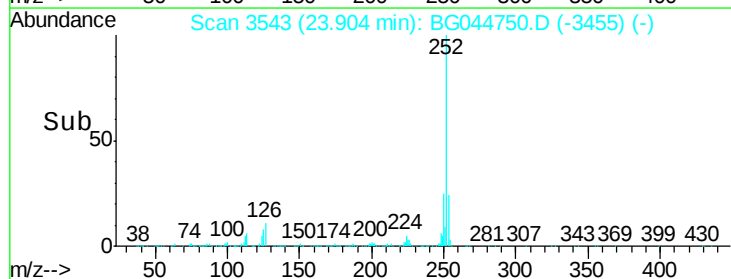
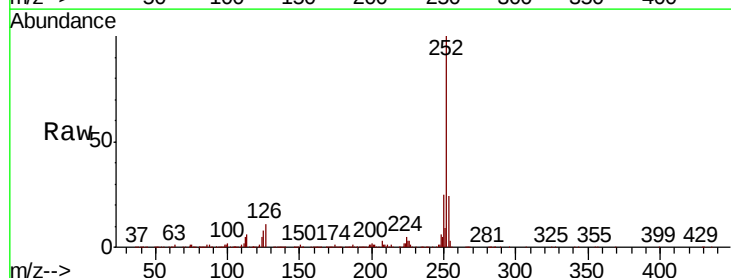
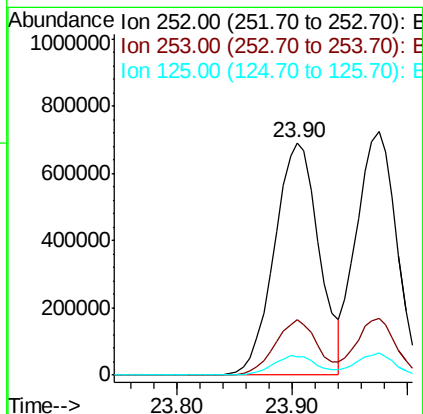
RT: 23.90 min Scan# 3543

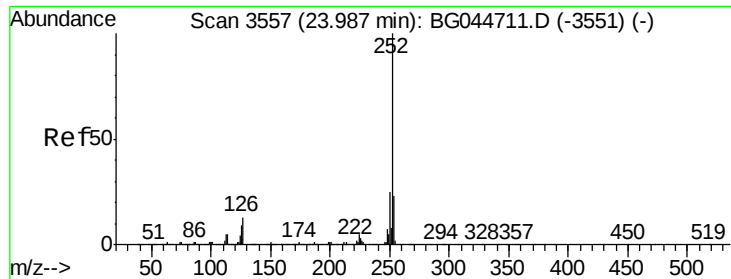
Delta R.T. -0.01 min

Lab File: BG044750.D

Acq: 13 Mar 2020 1:27

Tgt Ion:	252	Resp:	1853666
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.7	28.1
125	8.1	7.2	10.8





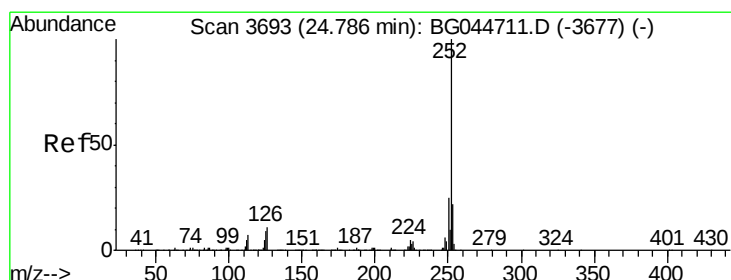
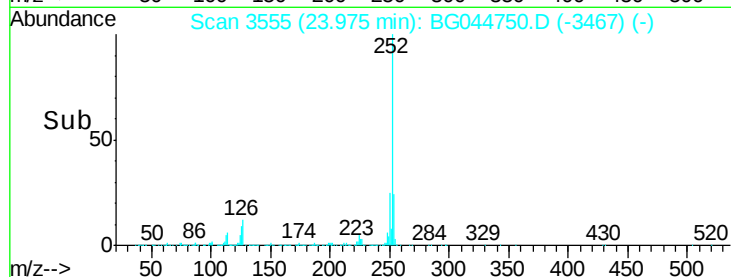
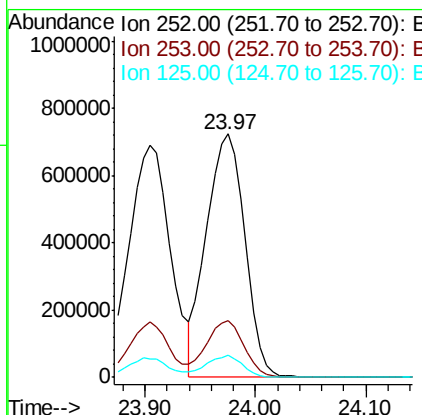
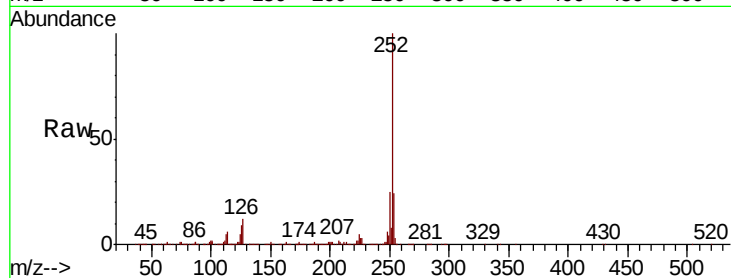
#89
Benzo(k)fluoranthene
Concen: 43.105 ng
RT: 23.97 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	9.1	7.0	10.4

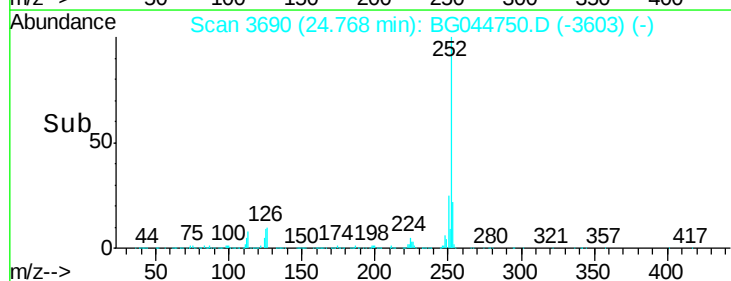
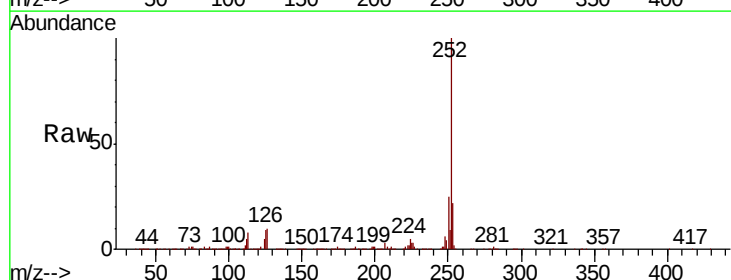
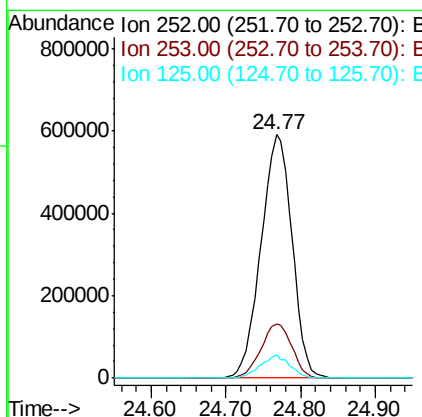
Manual Integrations
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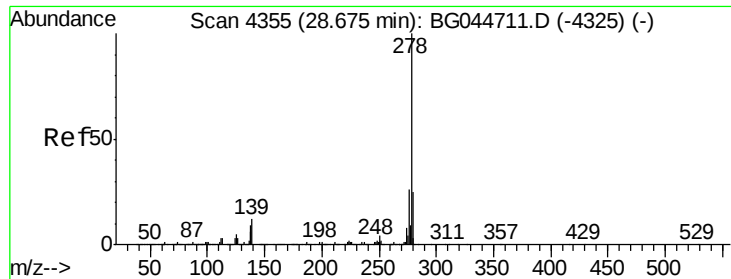
mohammad
3/16/2020 1:48:33 PM



#90
Benzo(a)pyrene
Concen: 42.605 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.5	7.0	10.6





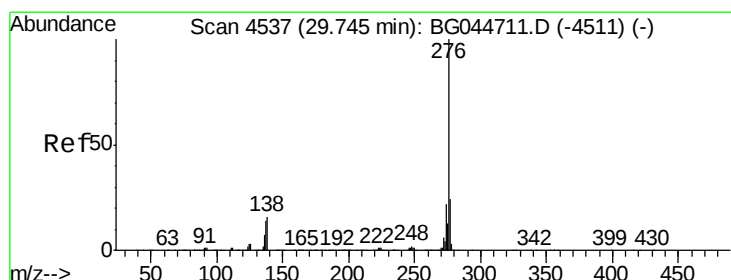
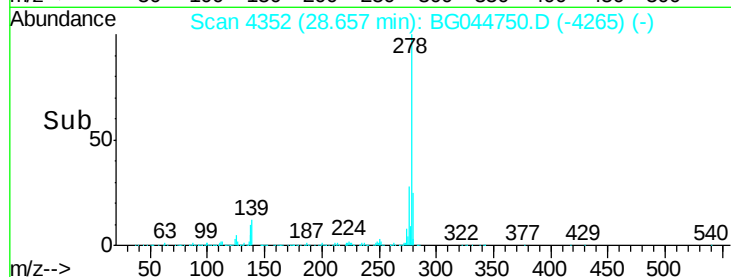
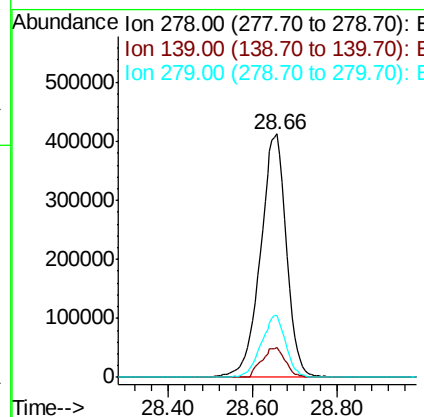
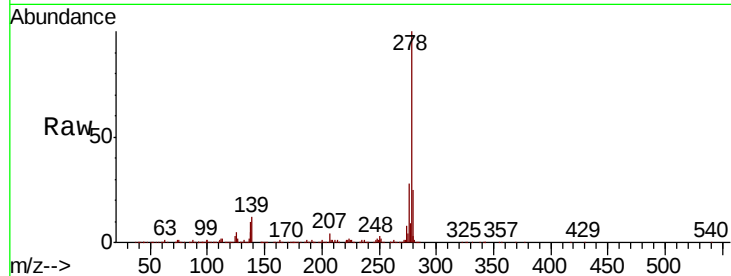
#91
Dibenzo(a,h)anthracene
Concen: 44.931 ng
RT: 28.66 min Scan# 4352
Delta R.T. -0.02 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Instrument :
BNA_G
ClientSampleId :
PB127459BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.9	14.9
279	25.2	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:48:33 PM



#92
Benzo(g,h,i)perylene
Concen: 45.451 ng
RT: 29.73 min Scan# 4534
Delta R.T. -0.02 min
Lab File: BG044750.D
Acq: 13 Mar 2020 1:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	15.6	13.0	19.4

