

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044417.D
 Acq On : 12 Feb 2020 20:27
 Operator : CG/JU
 Sample : L1491-08MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Manual Integrations
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 2/13/2020 3:33:59 PM

Quant Time: Feb 13 02:57:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	77258	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	326439	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	219681	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	487117	20.00	ng	0.00
76) Chrysene-d12	21.53	240	454953	20.00	ng	0.00
87) Perylene-d12	24.62	264	480735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	671700	153.44	ng	0.00
7) Phenol-d6	7.08	99	900414	153.17	ng	0.00
23) Nitrobenzene-d5	9.06	82	540554	93.49	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	386705	149.95	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1195744	91.15	ng	0.00
79) Terphenyl-d14	19.90	244	1759162	79.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	76698	38.996	ng	97
3) Pyridine	3.76	79	186869	35.661	ng	98
4) n-Nitrosodimethylamine	3.67	42	100298	45.805	ng	99
6) Aniline	7.23	93	252398	34.591	ng	100
8) 2-Chlorophenol	7.47	128	255360	53.077	ng	100
9) Benzaldehyde	7.03	77	107710	32.172	ng	95
10) Phenol	7.10	94	315476	54.227	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	232415	46.728	ng	96
12) 1,3-Dichlorobenzene	7.79	146	260872	45.414	ng	98
13) 1,4-Dichlorobenzene	7.94	146	261014	45.878	ng	98
14) 1,2-Dichlorobenzene	8.26	146	247073	45.945	ng	100
15) Benzyl Alcohol	8.14	79	207212	49.789	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	302334	44.911	ng	98
17) 2-Methylphenol	8.36	107	215560	51.932	ng	99
18) Hexachloroethane	8.98	117	96623	45.258	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	182599	46.608	ng	97
20) 3+4-Methylphenols	8.68	107	298796	52.233	ng	100
22) Acetophenone	8.73	105	348415	43.874	ng	# 98
24) Nitrobenzene	9.10	77	259047	45.891	ng	99
25) Isophorone	9.62	82	506519	46.999	ng	100
26) 2-Nitrophenol	9.82	139	144342	49.280	ng	100
27) 2,4-Dimethylphenol	9.88	122	243913	58.993	ng	100
28) bis(2-Chloroethoxy)methane	10.11	93	319612	44.456	ng	99
29) 2,4-Dichlorophenol	10.36	162	253707	50.747	ng	96
30) 1,2,4-Trichlorobenzene	10.57	180	256492	44.743	ng	99
31) Naphthalene	10.75	128	746179	47.114	ng	100
32) Benzoic acid	10.05	122	94601	38.652	ng	93
33) 4-Chloroaniline	10.86	127	131454	18.250	ng	98
34) Hexachlorobutadiene	11.05	225	152233	43.157	ng	98
35) Caprolactam	11.63	113	97353m	53.158	ng	
36) 4-Chloro-3-methylphenol	12.00	107	272822	52.048	ng	98
37) 2-Methylnaphthalene	12.36	142	559073	47.543	ng	99
38) 1-Methylnaphthalene	12.59	142	533816	48.150	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	284093	43.232	ng	99

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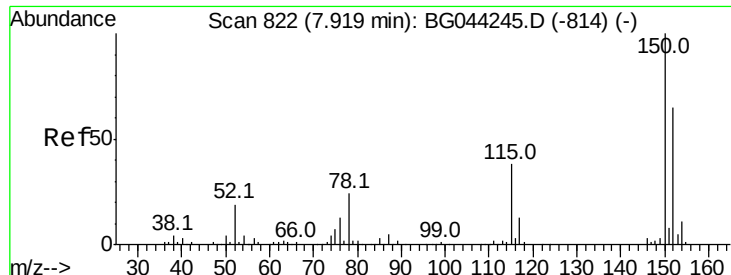
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Quant Time: Feb 13 02:57:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	302581	95.962	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	204836	48.224	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	224059	51.645	ng	99
46) 1,1'-Biphenyl	13.37	154	719817	45.426	ng	99
47) 2-Chloronaphthalene	13.41	162	560940	44.486	ng	100
48) 2-Nitroaniline	13.61	65	171111	45.982	ng	98
49) Acenaphthylene	14.27	152	894911	48.388	ng	100
50) Dimethylphthalate	14.00	163	783007	49.585	ng	100
51) 2,6-Dinitrotoluene	14.11	165	168383	47.823	ng	98
52) Acenaphthene	14.61	154	552918	46.124	ng	98
53) 3-Nitroaniline	14.44	138	101794	26.132	ng	96
54) 2,4-Dinitrophenol	14.65	184	170709	81.650	ng	99
55) Dibenzofuran	14.94	168	864262	47.618	ng	99
56) 4-Nitrophenol	14.77	139	306381	107.375	ng	99
57) 2,4-Dinitrotoluene	14.91	165	240055	48.645	ng	96
58) Fluorene	15.59	166	685561	47.957	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	204000	52.057	ng	99
60) Diethylphthalate	15.36	149	746093	47.417	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	366752	47.317	ng	97
62) 4-Nitroaniline	15.61	138	173600	44.600	ng	99
63) Azobenzene	15.88	77	666887	48.358	ng	100
65) 4,6-Dinitro-2-methylphenol	15.67	198	138887	51.652	ng	97
66) n-Nitrosodiphenylamine	15.80	169	651308	47.711	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	244519	46.074	ng	97
68) Hexachlorobenzene	16.60	284	269182	45.273	ng	99
69) Atrazine	16.75	200	249639	53.353	ng	99
70) Pentachlorophenol	16.95	266	272933	90.353	ng	96
71) Phenanthrene	17.33	178	1114813	47.262	ng	99
72) Anthracene	17.42	178	1150369	49.329	ng	99
73) Carbazole	17.69	167	1033728	48.083	ng	99
74) Di-n-butylphthalate	18.26	149	1265850	47.647	ng	100
75) Fluoranthene	19.34	202	1306540	47.882	ng	100
77) Benzidine	19.52	184	605676	47.996	ng	98
78) Pyrene	19.70	202	1313162	44.945	ng	100
80) Butylbenzylphthalate	20.59	149	577307	43.359	ng	99
81) Benzo(a)anthracene	21.52	228	1252226	44.660	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	256315	23.553	ng	99
83) Chrysene	21.58	228	1196675	44.154	ng	100
84) Bis(2-ethylhexyl)phthalate	21.43	149	814933	44.468	ng	99
85) Di-n-octyl phthalate	22.60	149	1426387	44.984	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1556983	44.033	ng	100
88) Benzo(b)fluoranthene	23.64	252	1336930	48.262	ng	99
89) Benzo(k)fluoranthene	23.71	252	1289830	47.773	ng	99
90) Benzo(a)pyrene	24.48	252	1236660	47.216	ng	99
91) Dibenzo(a,h)anthracene	28.17	278	1280394	49.396	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1301947	50.174	ng	98

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



#1

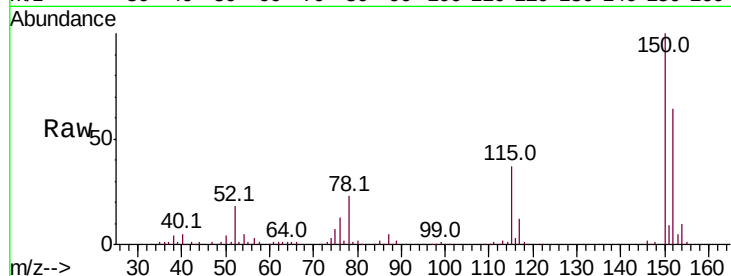
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
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 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.6	183.8
115	58.5	46.0	69.0

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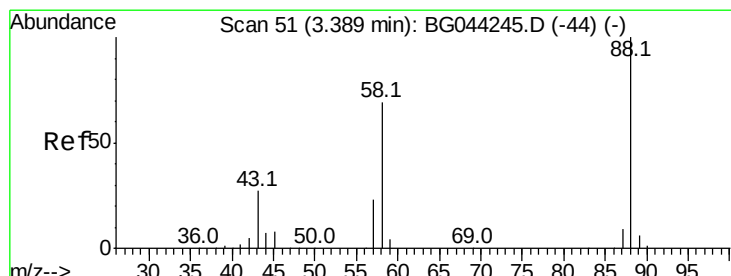
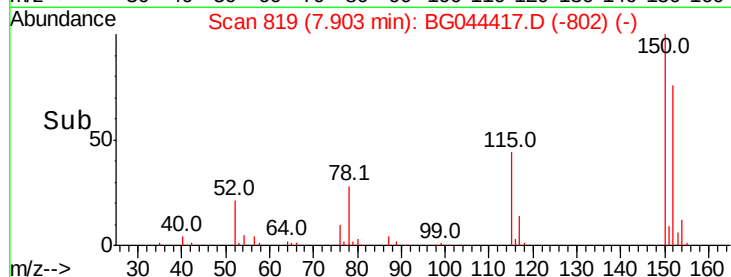
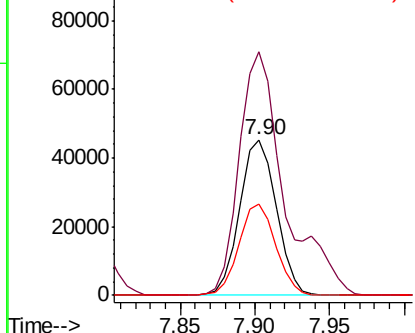


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

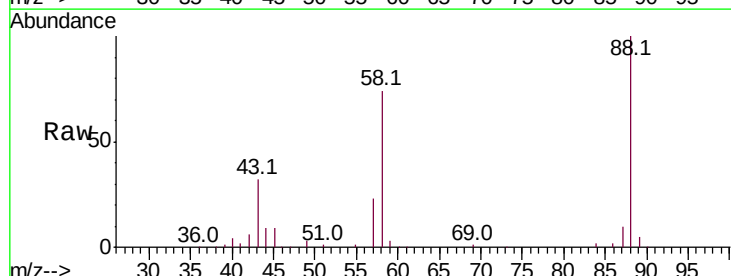
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 38.996 ng
 RT: 3.36 min Scan# 46
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	55.8	83.6
43	28.8	21.6	32.4

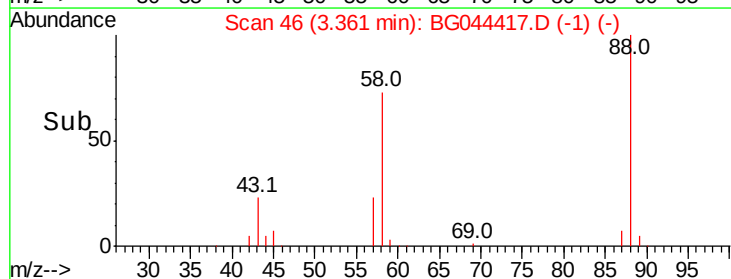
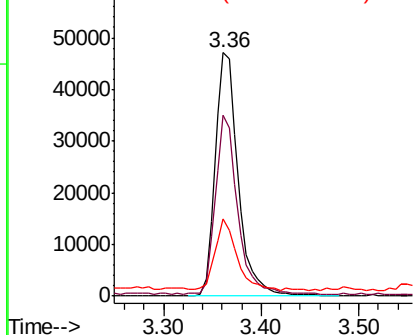


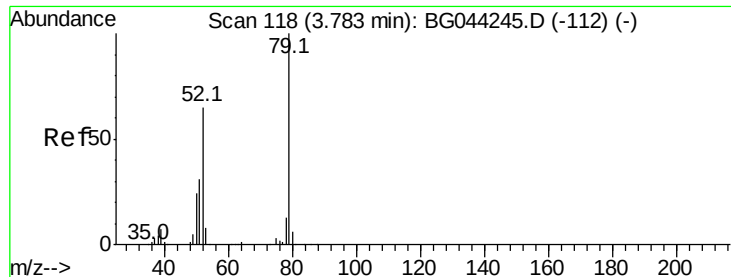
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





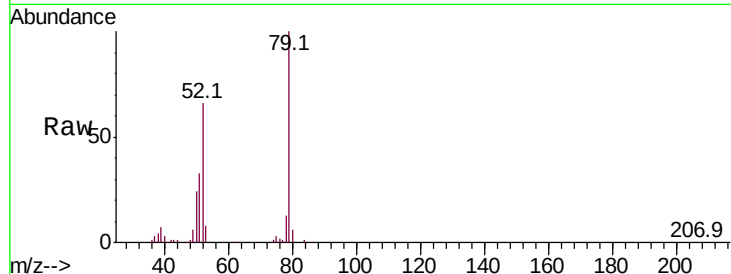
#3
 Pvridine
 Concen: 35.661 ng
 RT: 3.76 min Scan# 114
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

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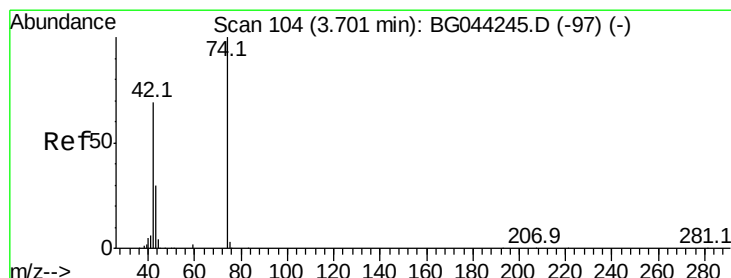
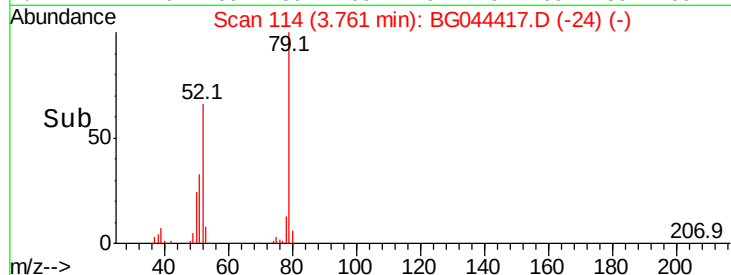
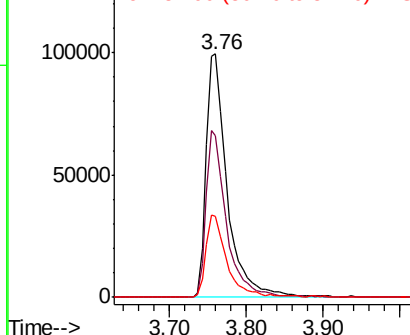
Tot Ion	Ratio	Lower	Upper
79	100		
52	66.4	51.9	77.9
51	33.2	25.3	37.9

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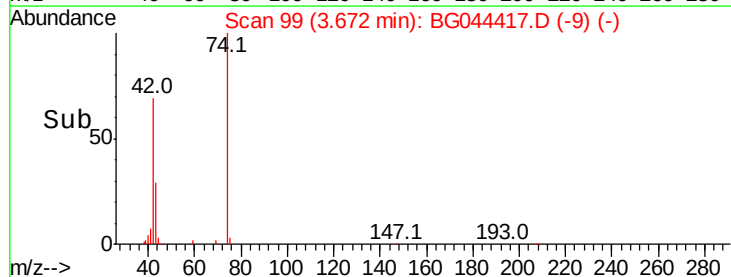
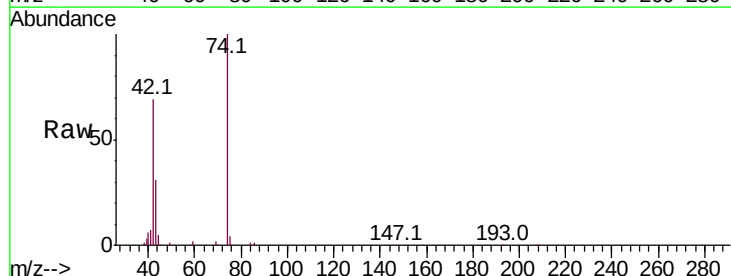
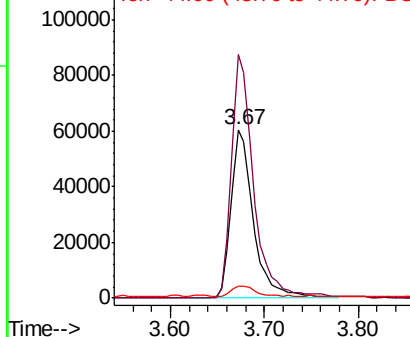
Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC

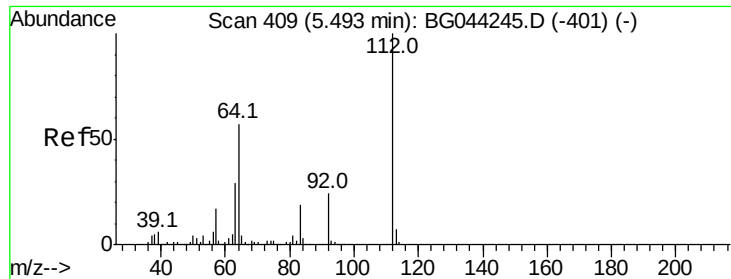


#4
 n-Nitrosodimethylamine
 Concen: 45.805 ng
 RT: 3.67 min Scan# 99
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.6	115.1	172.7
44	7.2	5.6	8.4

Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 153.440 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

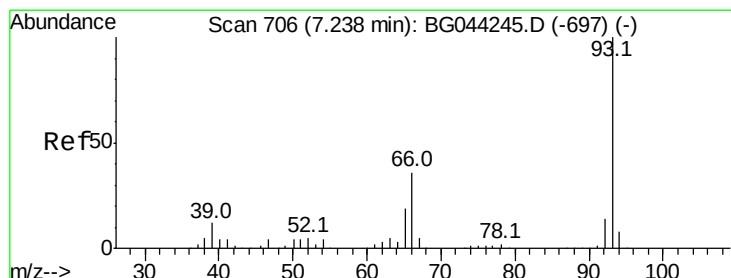
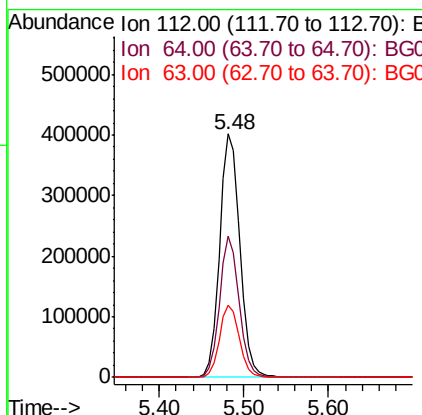
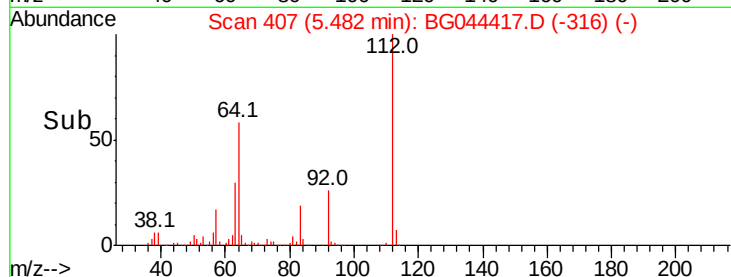
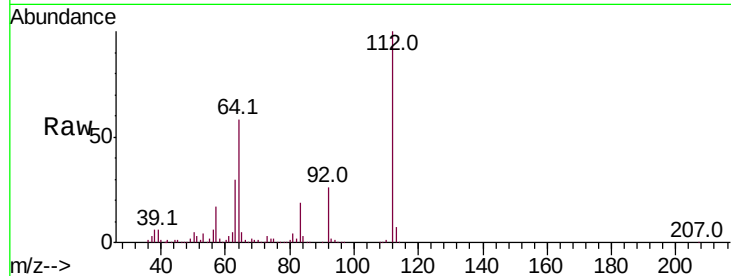
ClientSampleId :

SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	671700		
64	58.0		45.4	68.2
63	29.8		22.9	34.3

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#6

Aniline

Concen: 34.591 ng

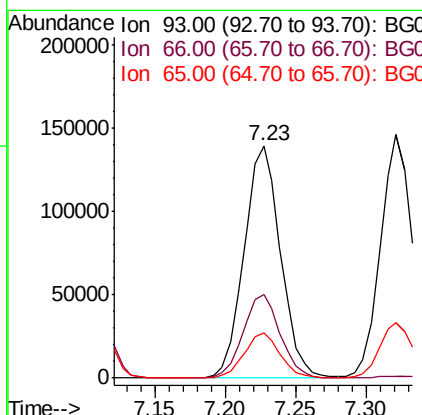
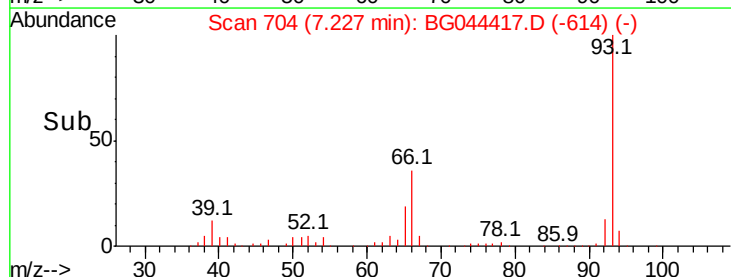
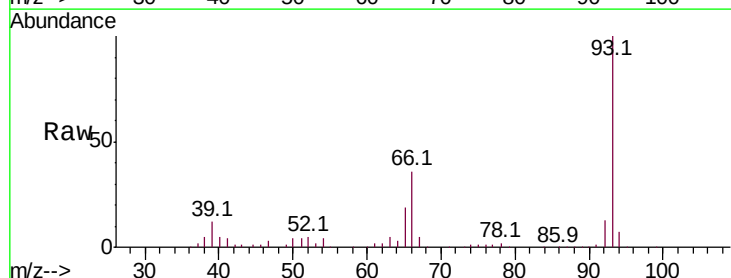
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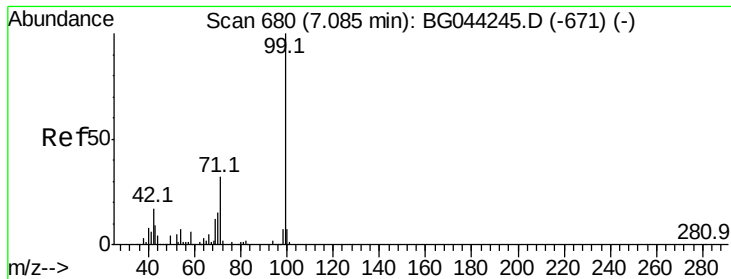
Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	252398		
66	35.7		28.7	43.1
65	19.4		15.4	23.0





#7

Phenol-d6

Concen: 153.171 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

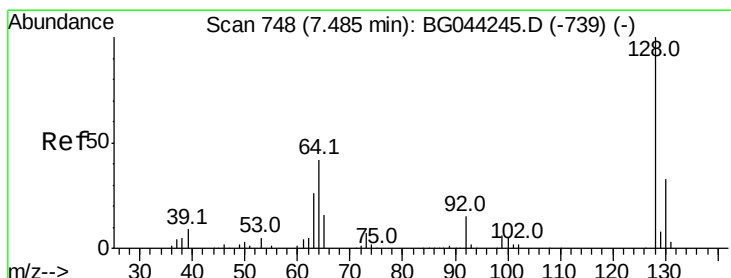
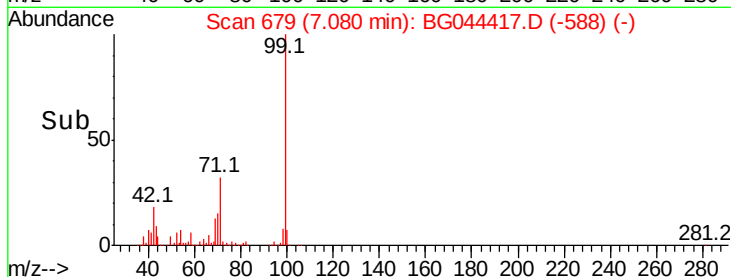
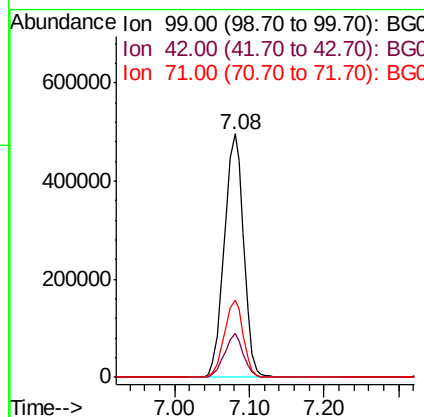
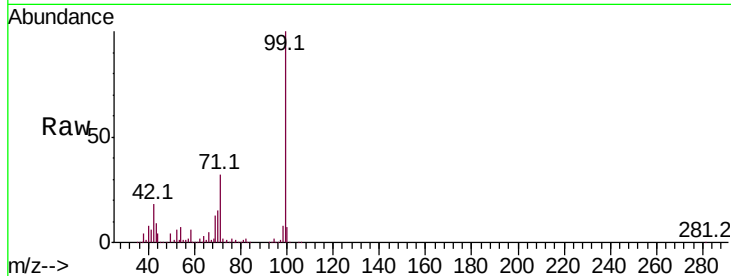
ClientSampleId :

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Tot Ion:	99	Resp:	900414
Ion Ratio	Lower	Upper	
99	100		
42	18.1	13.8	20.6
71	31.6	25.5	38.3

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#8

2-Chlorophenol

Concen: 53.077 ng

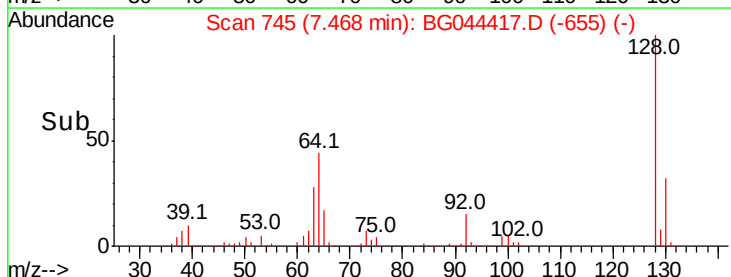
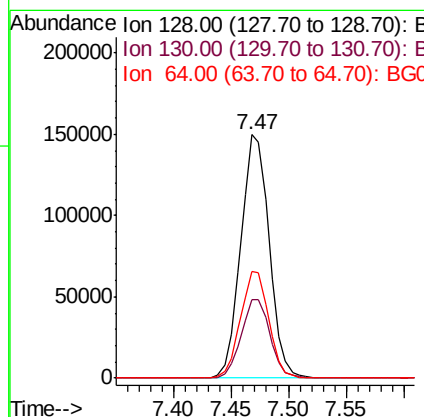
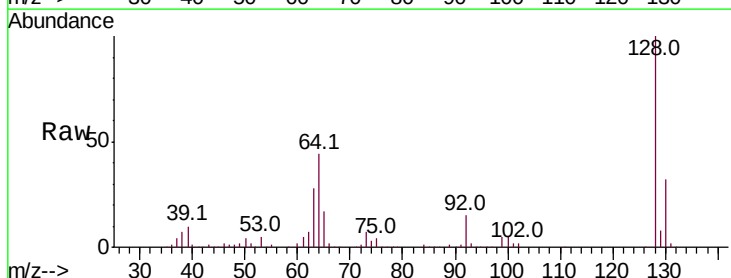
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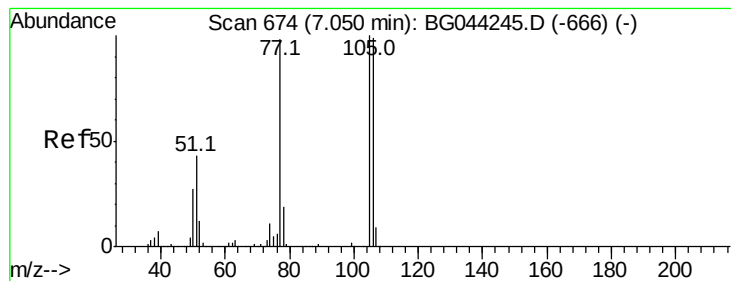
Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Tgt Ion:	128	Resp:	255360
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.5	52.5
64	44.0	24.2	64.2





#9

Benzaldehyde

Concen: 32.172 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG044417.D

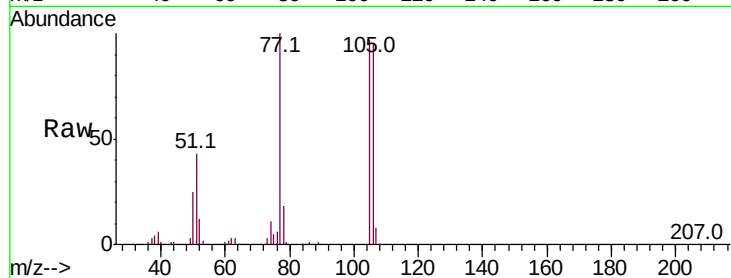
Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

ClientSampleId :

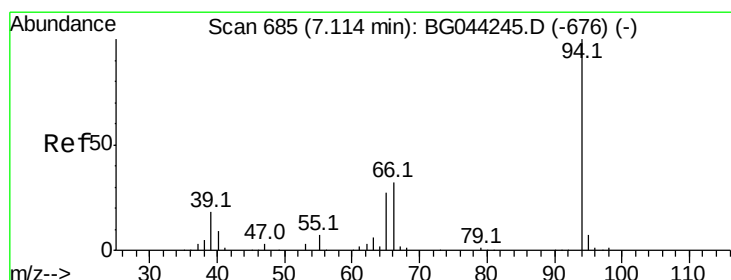
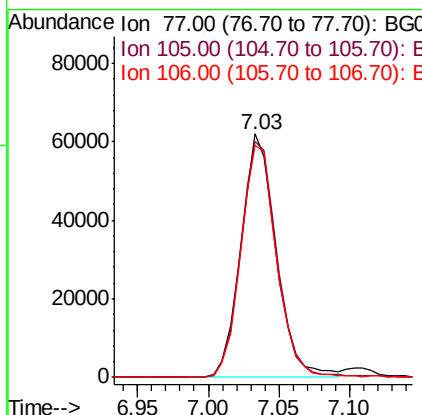
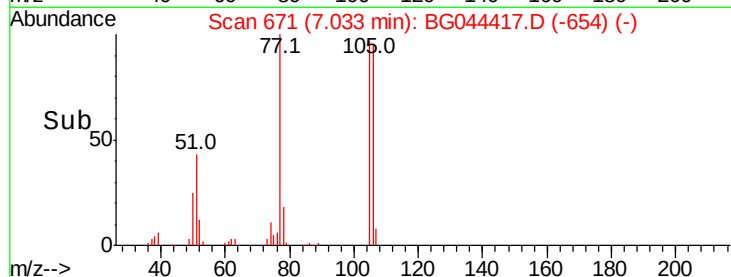
SB-2I-(13.5-15.5)MSD



Tot Ion	77	Resp	107710
Ion	Ratio	Lower	Upper
77	100		
105	97.1	82.0	122.0
106	95.2	80.7	120.7

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#10

Phenol

Concen: 54.227 ng

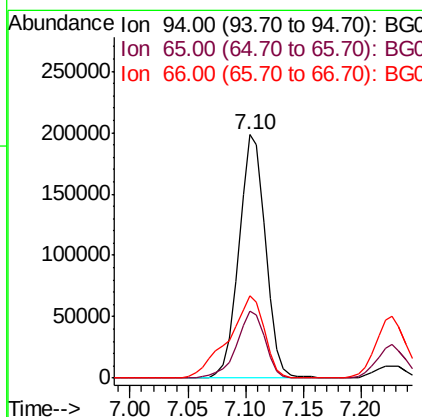
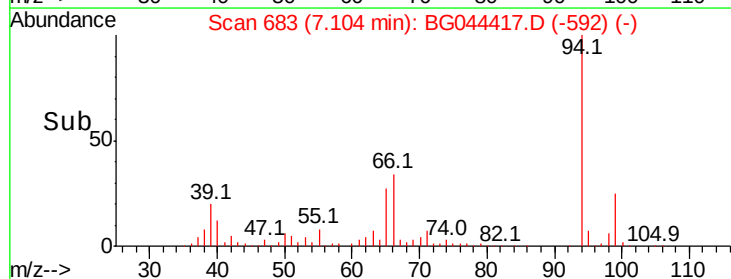
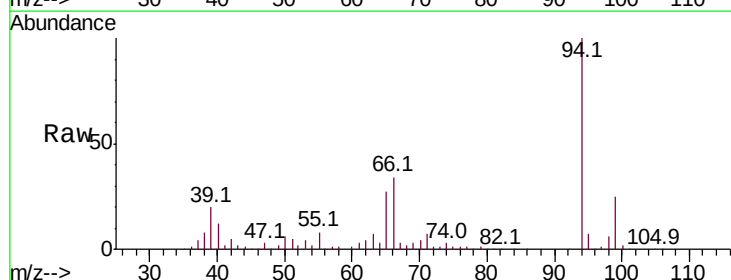
RT: 7.10 min Scan# 683

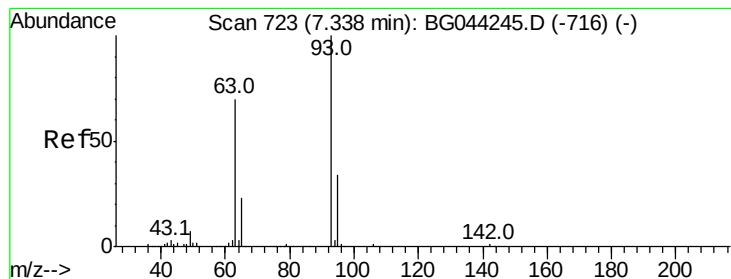
Delta R.T. 0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Tgt Ion	94	Resp	315476
Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.0	47.0
66	33.6	12.7	52.7





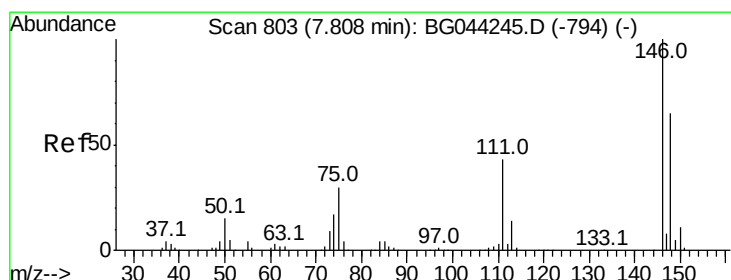
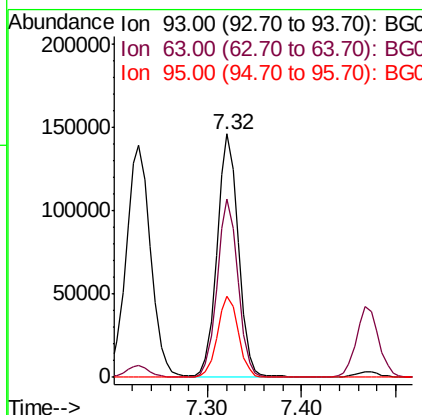
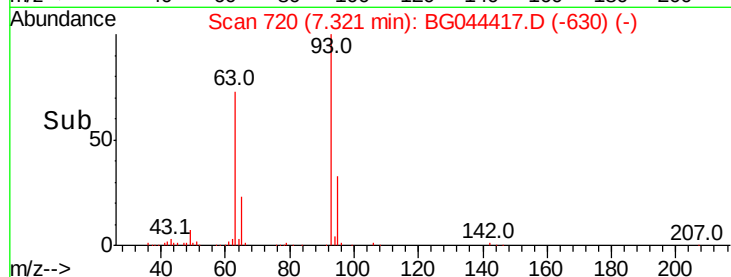
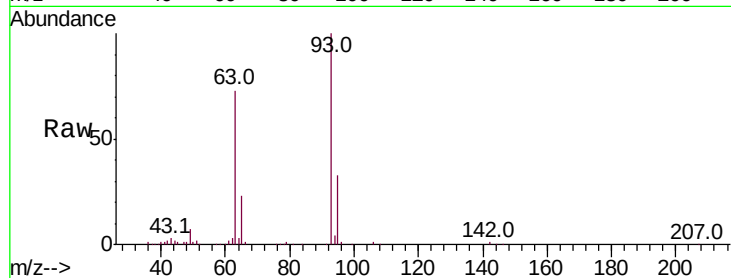
#11
 bis(2-Chloroethyl)ether
 Concen: 46.728 ng
 RT: 7.32 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	232415		
63	73.5	49.2	89.2	
95	33.3	13.6	53.6	

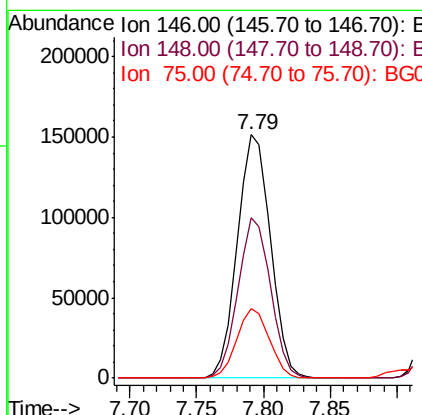
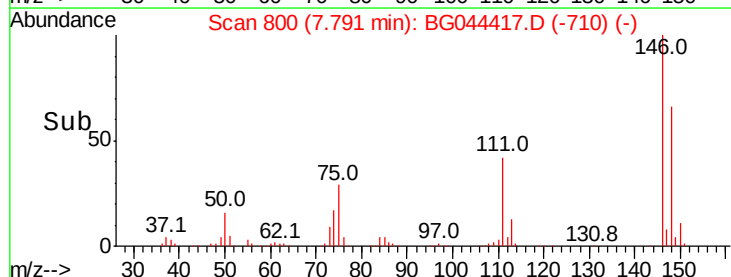
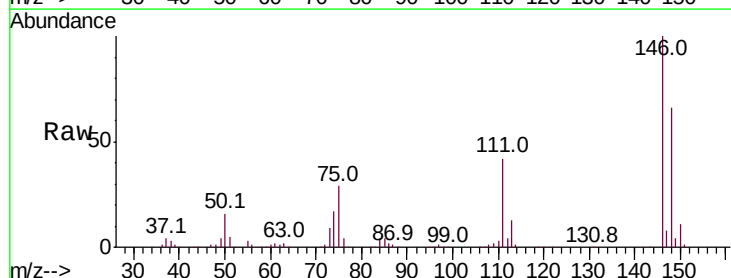
Manual Integrations
 APPROVED

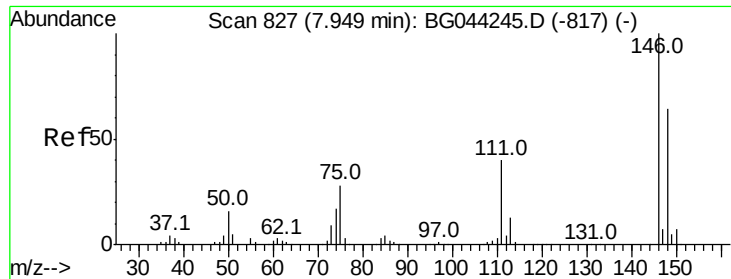
mohammad
 2/13/2020 3:33:59 PM



#12
 1,3-Dichlorobenzene
 Concen: 45.414 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	260872		
148	66.0	51.8	77.8	
75	28.6	23.7	35.5	





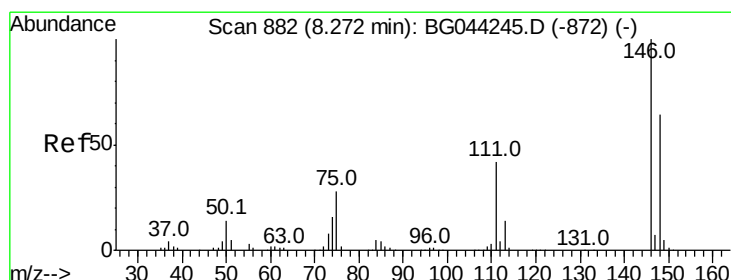
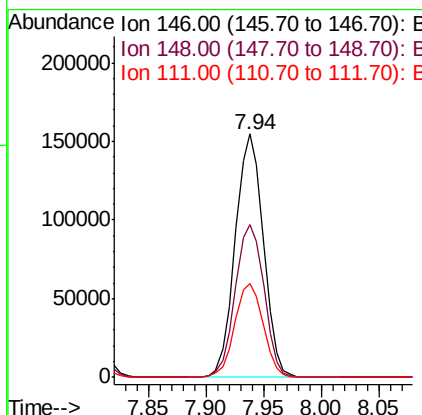
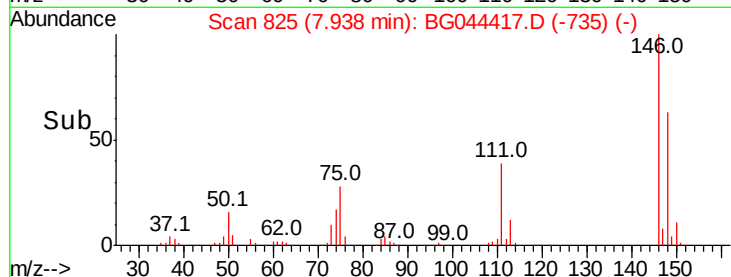
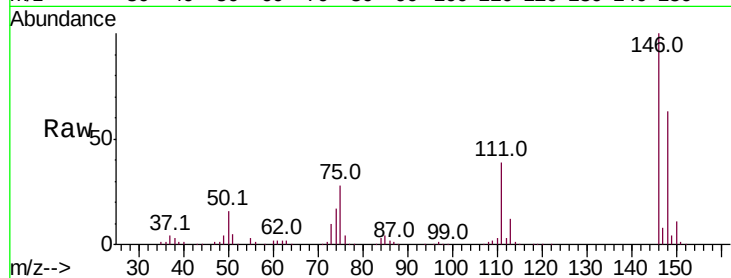
#13
 1,4-Dichlorobenzene
 Concen: 45.878 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.4	77.0
111	38.7	31.8	47.8

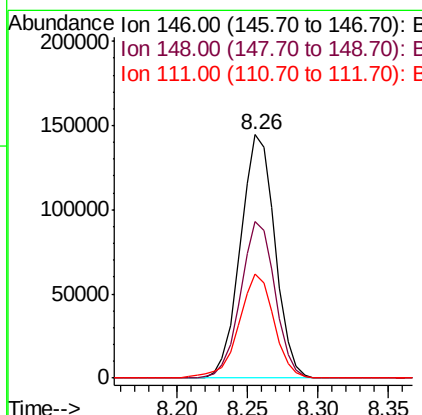
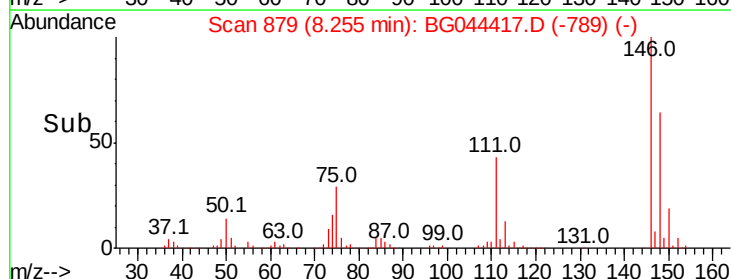
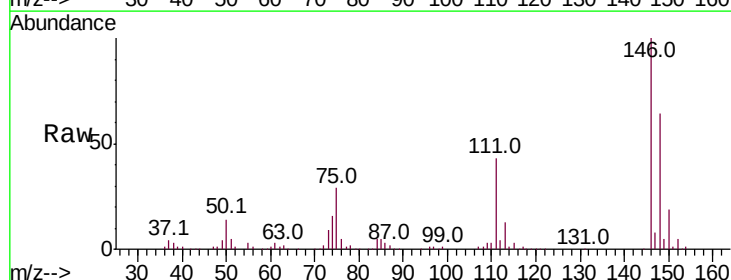
Manual Integrations
 APPROVED

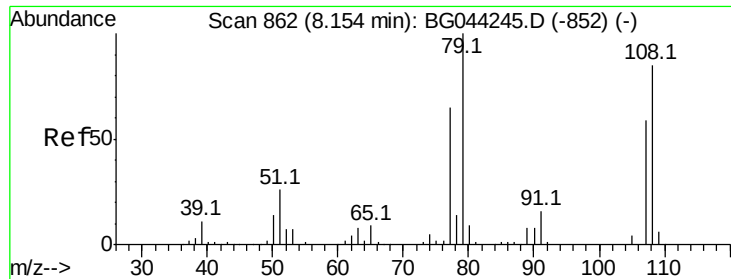
mohammad
 2/13/2020 3:33:59 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.945 ng
 RT: 8.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	42.6	34.0	51.0





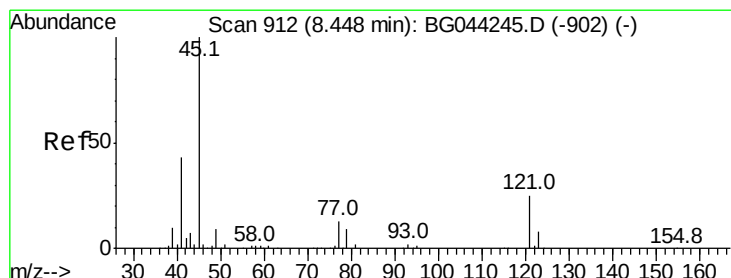
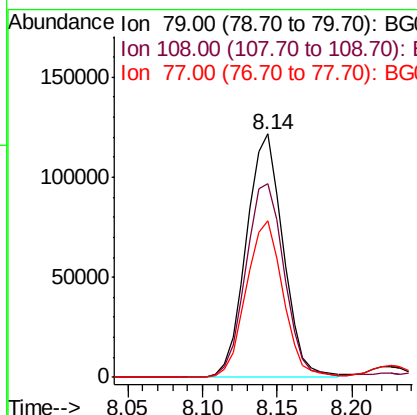
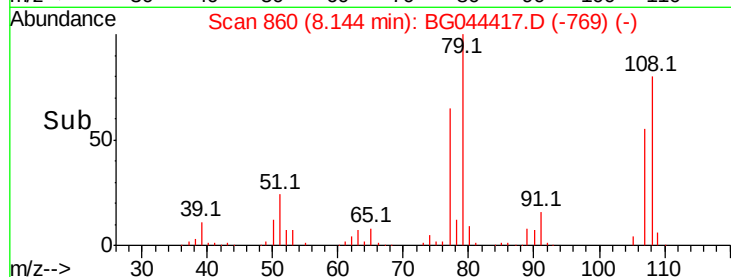
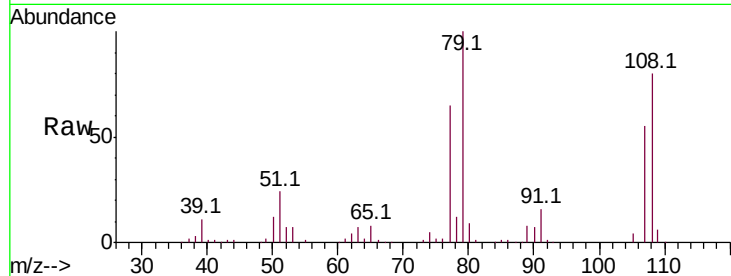
#15
Benzyl Alcohol
Concen: 49.789 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	68.3	102.5
77	64.5	51.8	77.8

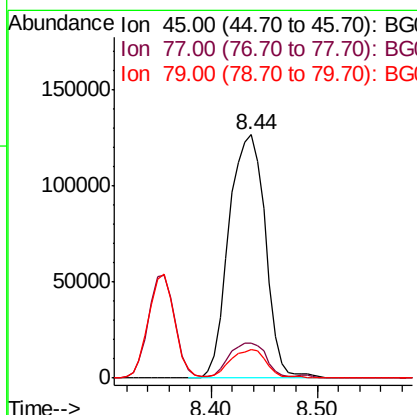
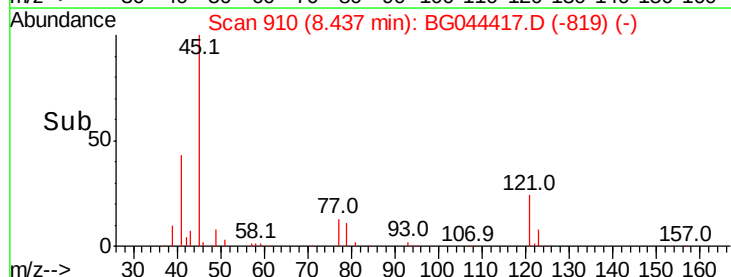
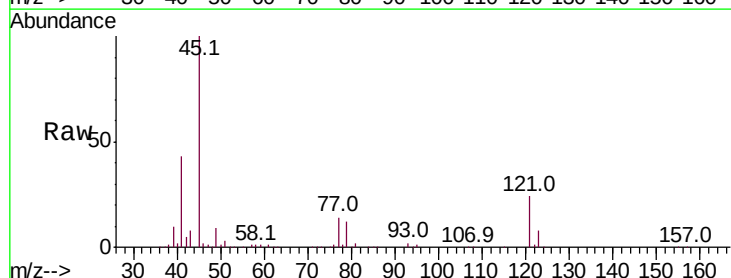
Manual Integrations
APPROVED

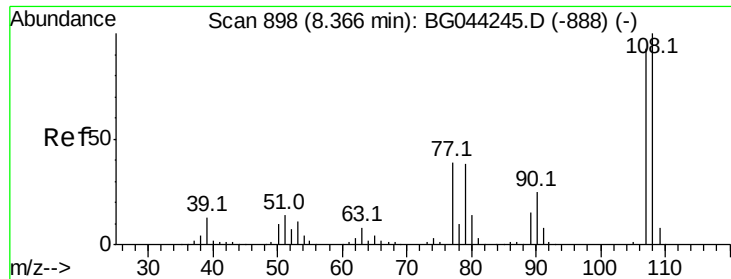
mohammad
2/13/2020 3:33:59 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.911 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.2
79	11.7	0.0	31.1





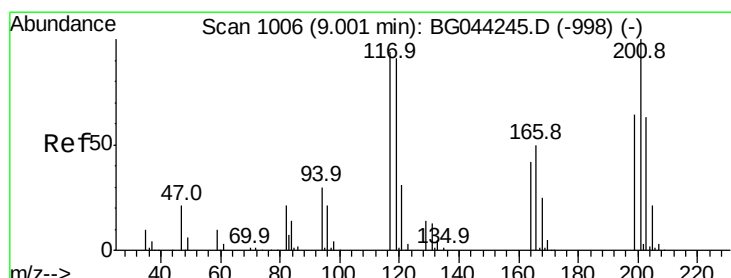
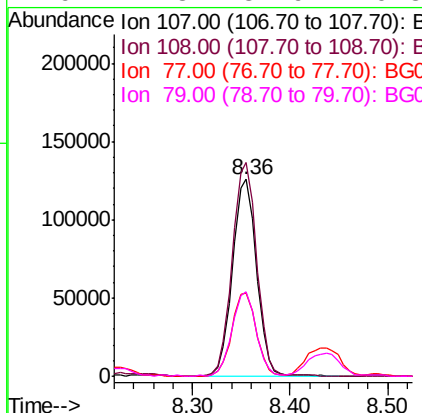
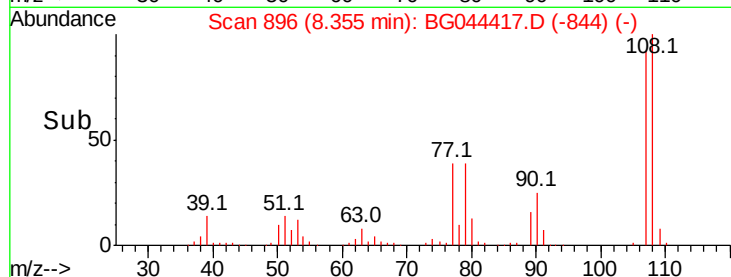
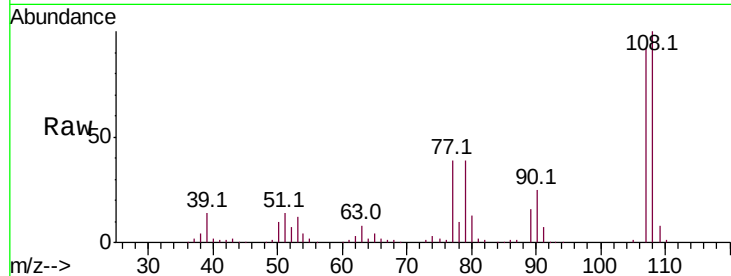
#17
2-Methylphenol
Concen: 51.932 ng
RT: 8.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	86.4	129.6	
77	42.5	34.0	51.0	
79	42.8	32.9	49.3	

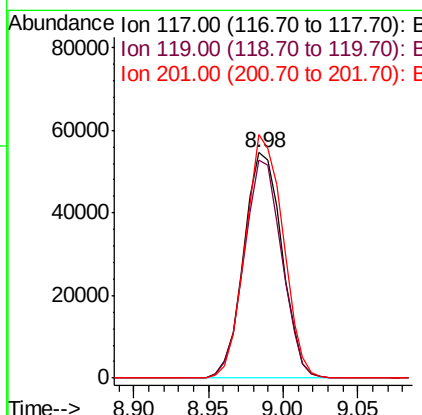
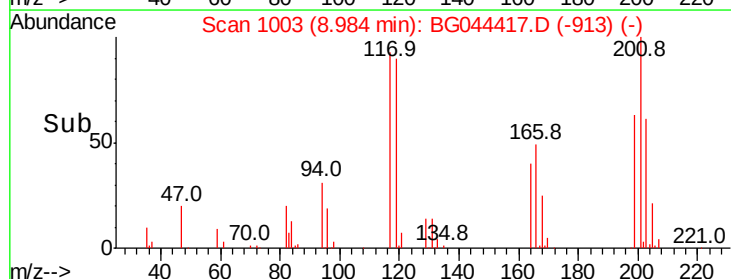
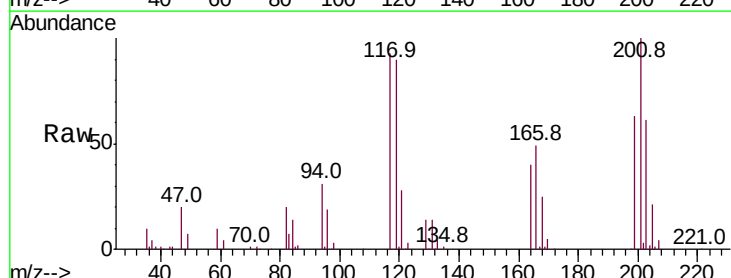
Manual Integrations
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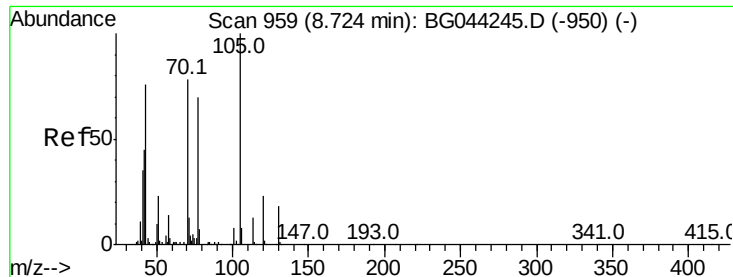
mohammad
2/13/2020 3:33:59 PM



#18
Hexachloroethane
Concen: 45.258 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	77.5	116.3	
201	108.0	84.9	127.3	





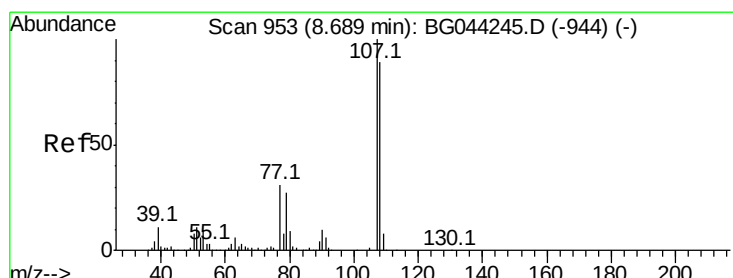
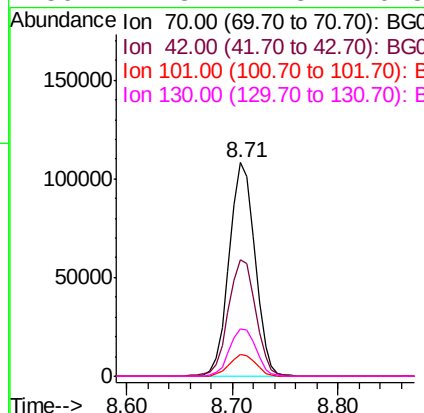
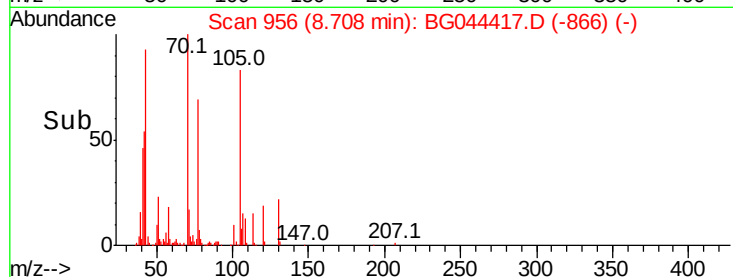
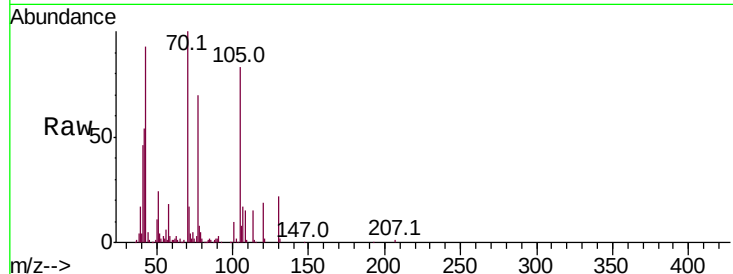
#19
n-Nitroso-di-n-propylamine
Concen: 46.608 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.5	46.2	69.2	
101	10.2	8.4	12.6	
130	22.3	17.8	26.8	

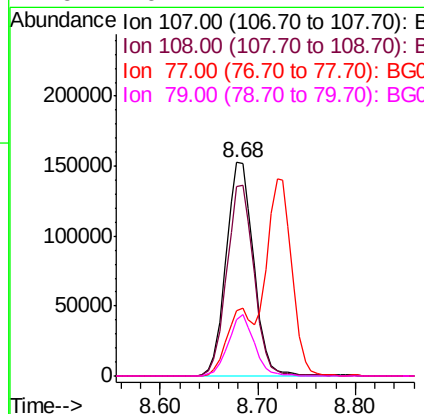
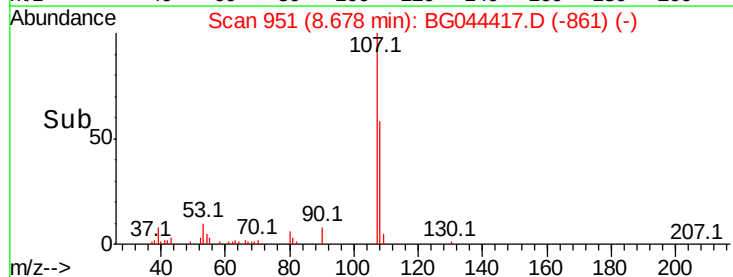
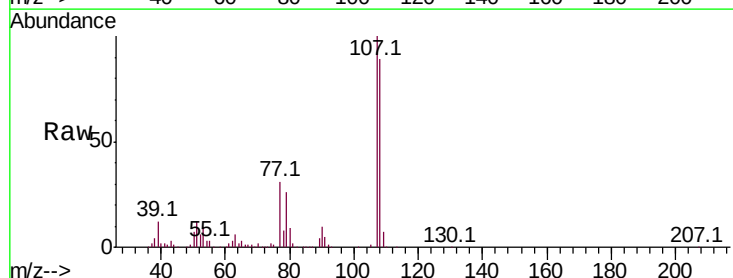
Manual Integrations
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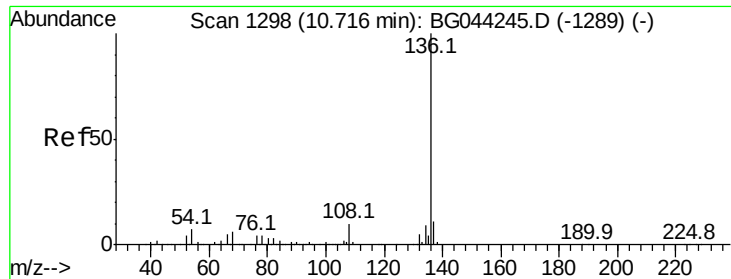
mohammad
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#20
3+4-Methylphenols
Concen: 52.233 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	68.5	108.5	
77	30.8	10.9	50.9	
79	26.4	7.1	47.1	





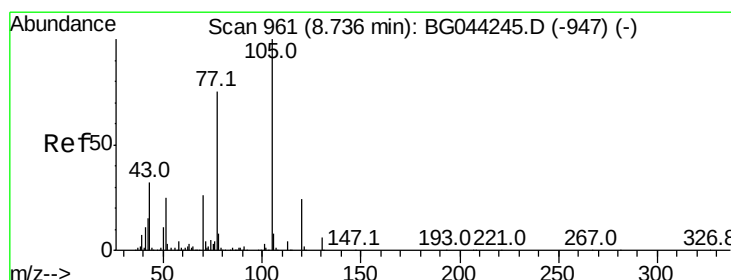
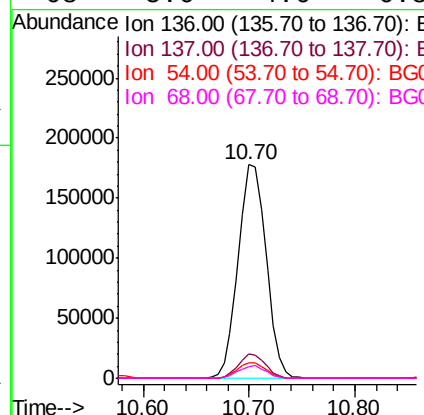
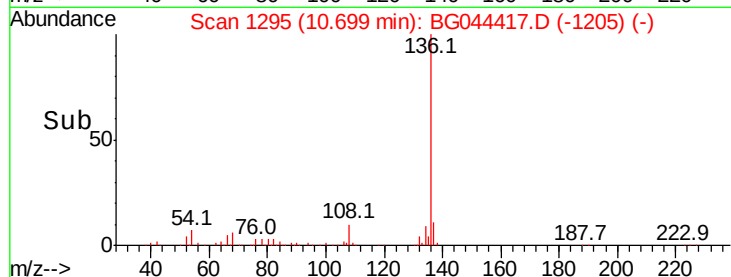
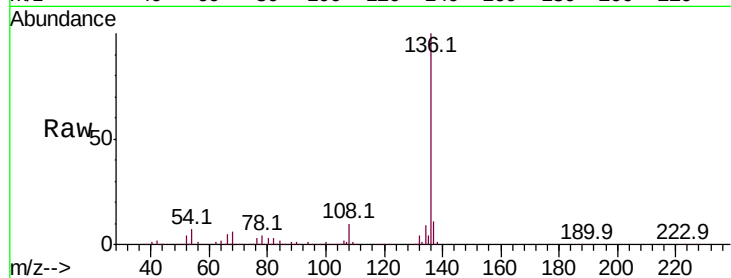
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.8	13.2	
54	7.3	5.8	8.8	
68	5.6	4.6	6.8	

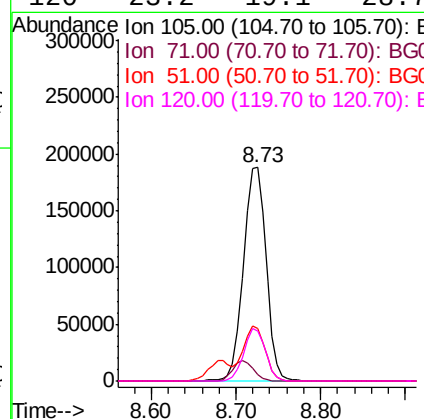
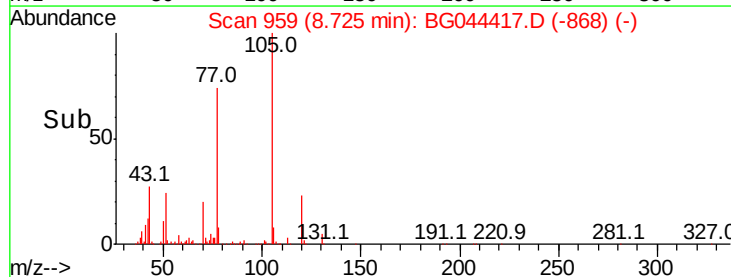
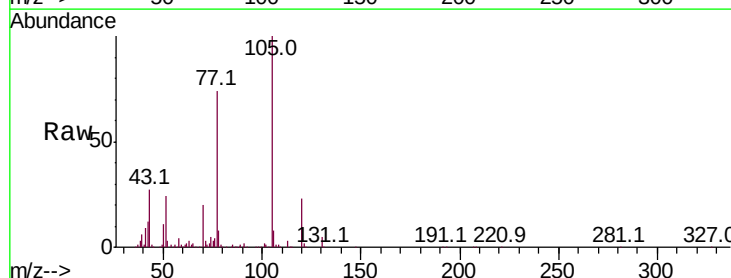
Manual Integrations
APPROVED

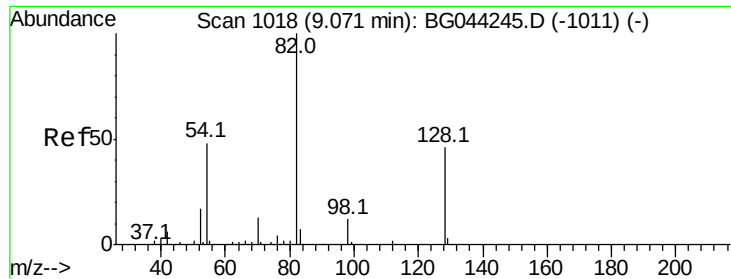
mohammad
2/13/2020 3:33:59 PM



#22
Acetophenone
Concen: 43.874 ng
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.9	3.4	5.0#	
51	24.5	20.2	30.4	
120	23.2	19.1	28.7	





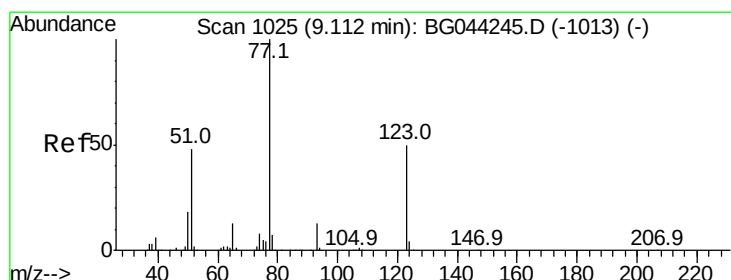
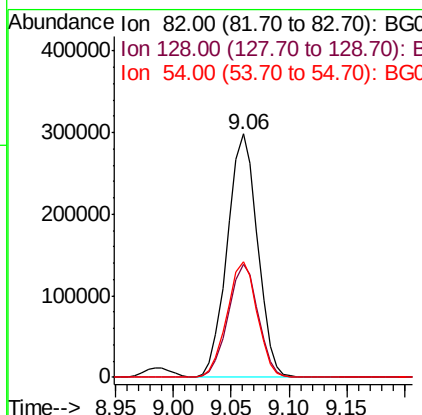
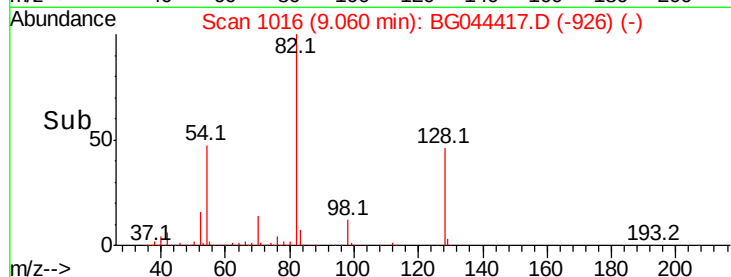
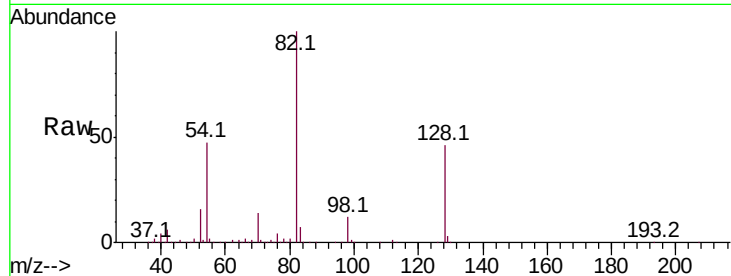
#23
 Nitrobenzene-d5
 Concen: 93.487 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	36.5	54.7	
54	47.3	38.6	58.0	

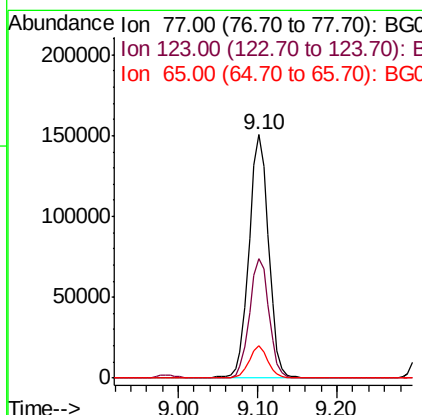
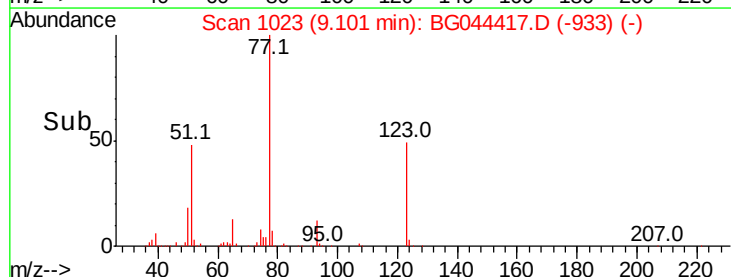
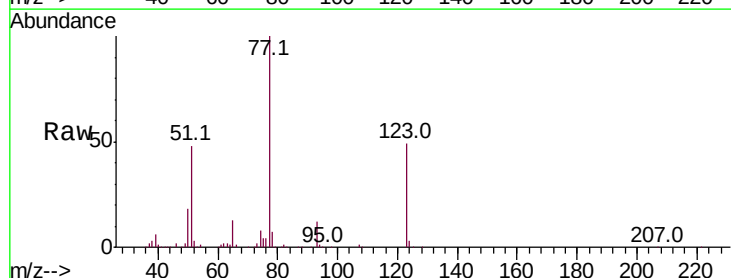
Manual Integrations
 APPROVED

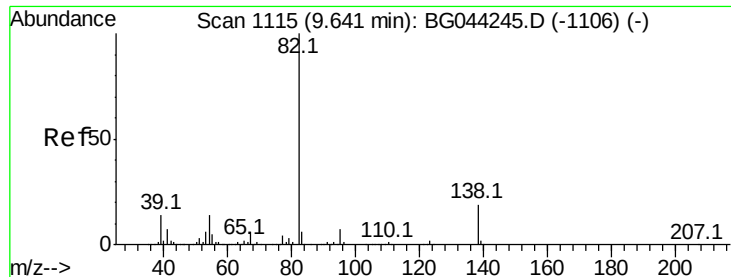
mohammad
 2/13/2020 3:33:59 PM



#24
 Nitrobenzene
 Concen: 45.891 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.1	39.9	59.9	
65	13.4	10.4	15.6	





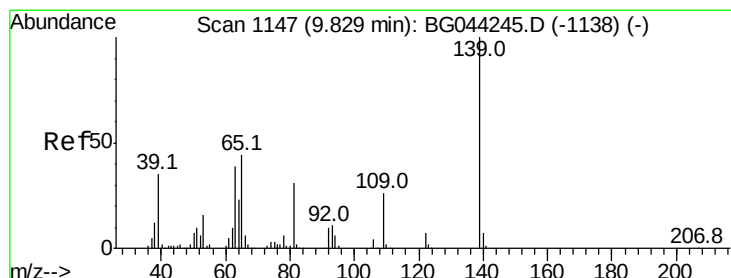
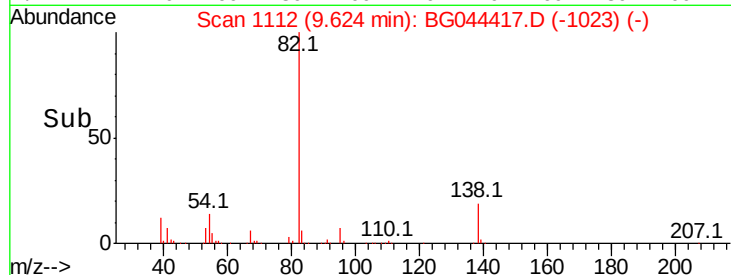
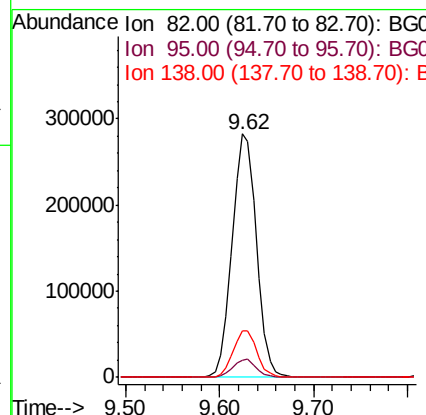
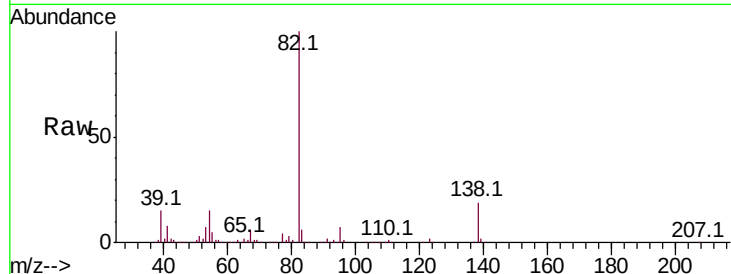
#25
Isophorone
Concen: 46.999 ng
RT: 9.62 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	5.7	8.5	
138	19.0	15.0	22.4	

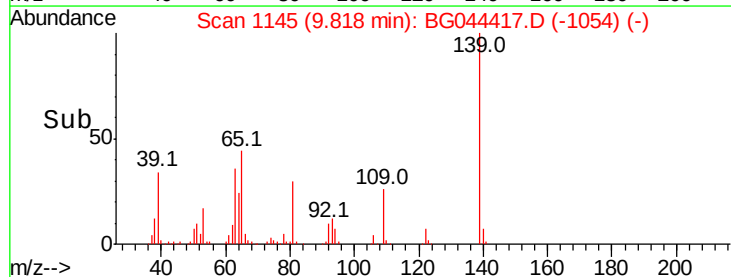
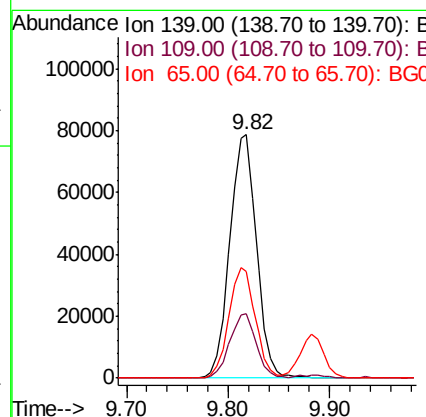
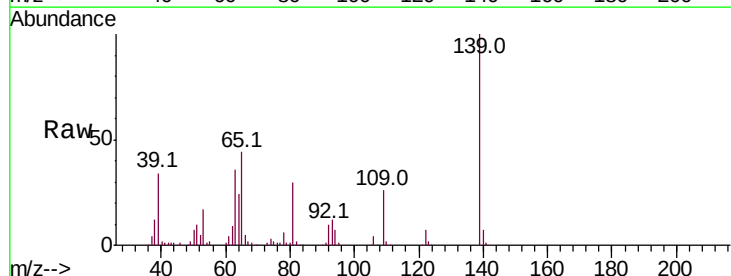
Manual Integrations
APPROVED

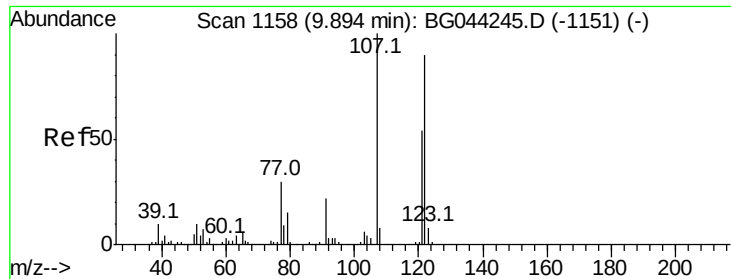
mohammad
2/13/2020 3:33:59 PM



#26
2-Nitrophenol
Concen: 49.280 ng
RT: 9.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.5	21.0	31.4	
65	43.6	35.0	52.4	





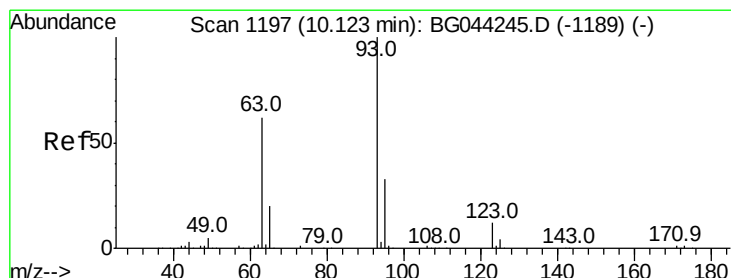
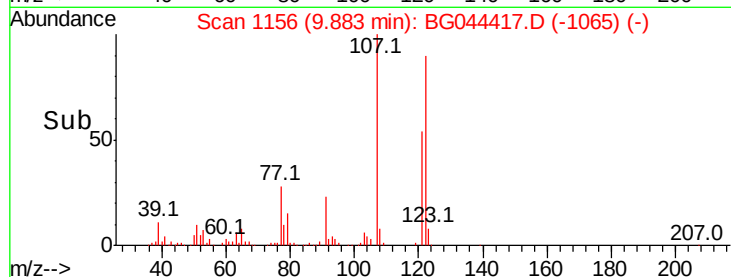
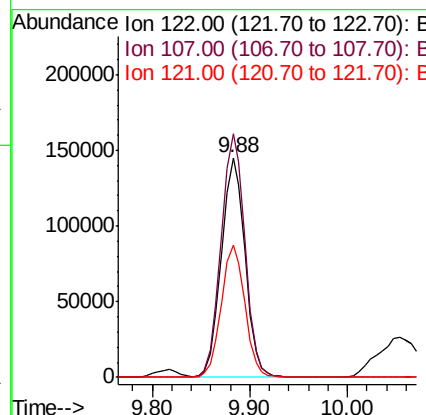
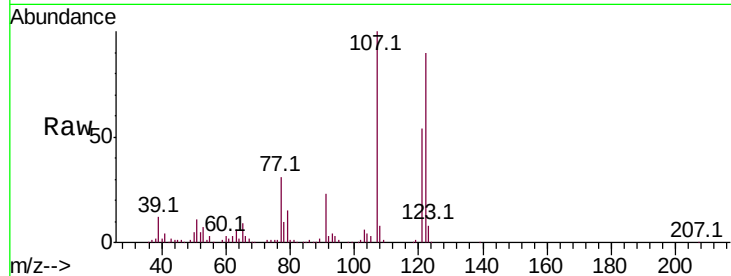
#27
 2,4-Dimethylphenol
 Concen: 58.993 ng
 RT: 9.88 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	243913		
107	110.8	88.8	133.2	
121	59.9	48.3	72.5	

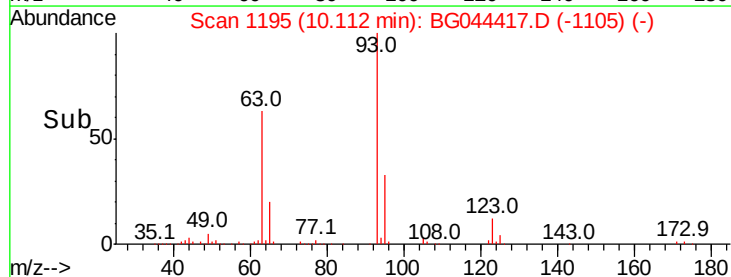
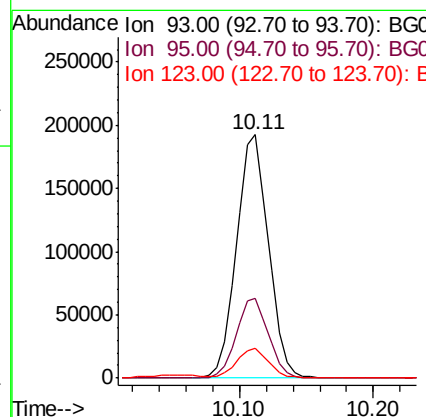
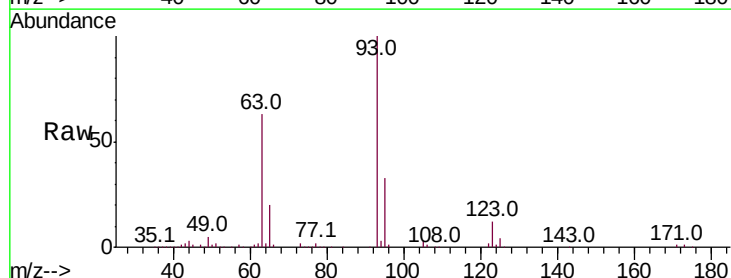
Manual Integrations
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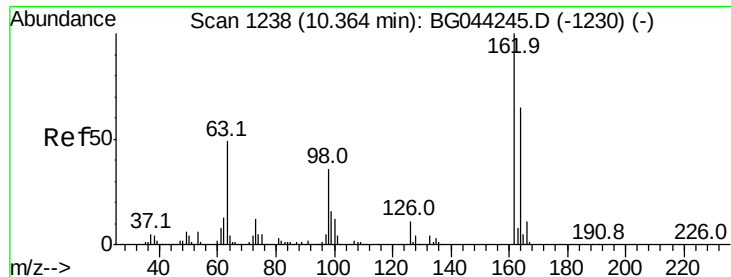
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.456 ng
 RT: 10.11 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319612		
95	33.0	26.6	40.0	
123	12.1	10.0	15.0	





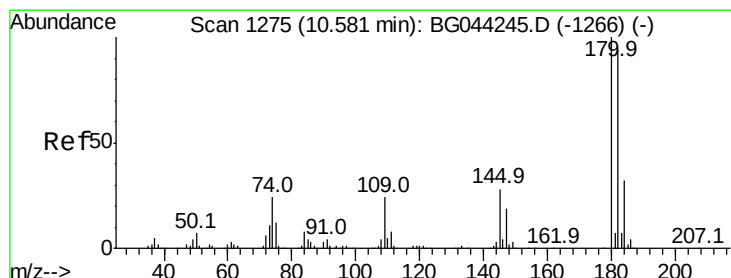
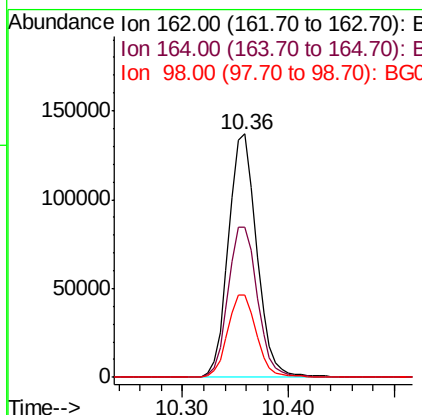
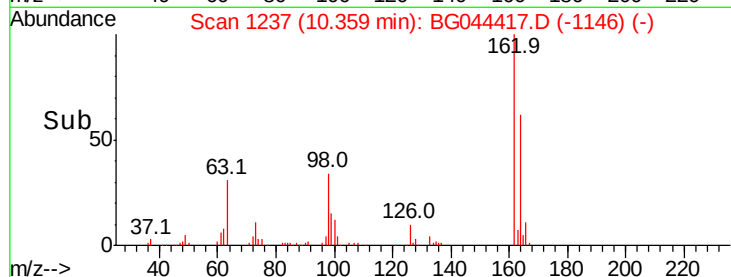
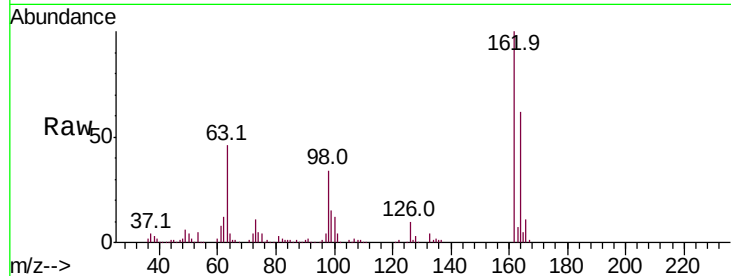
#29
 2,4-Dichlorophenol
 Concen: 50.747 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	253707		
164	61.9	44.7	84.7	
98	33.6	15.8	55.8	

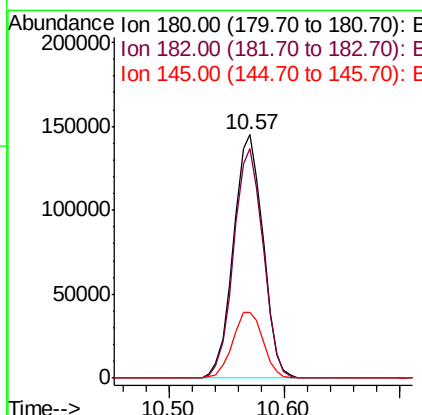
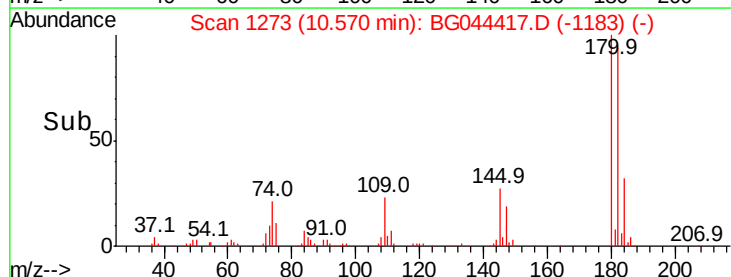
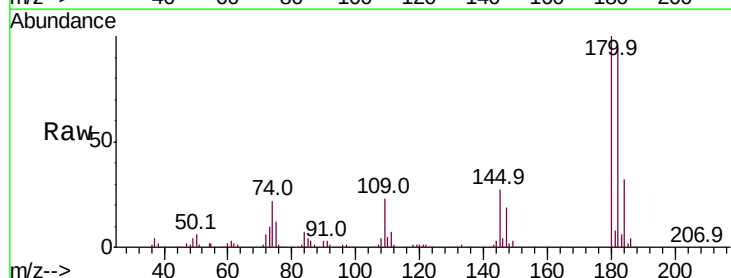
Manual Integrations
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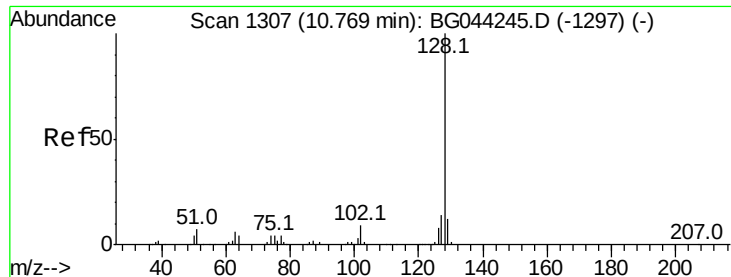
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.743 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	256492		
182	94.1	75.5	113.3	
145	27.2	22.6	34.0	





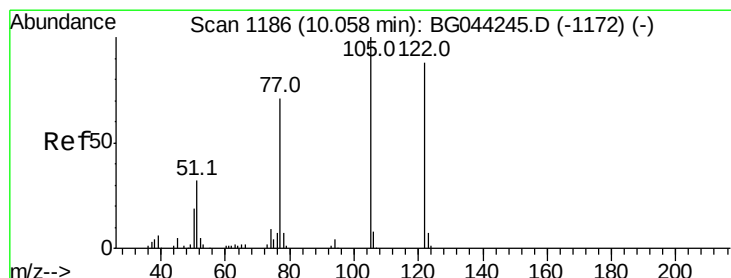
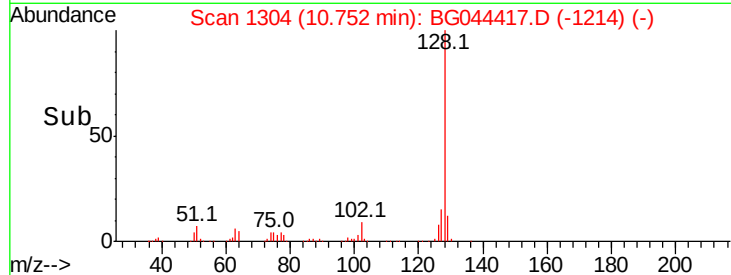
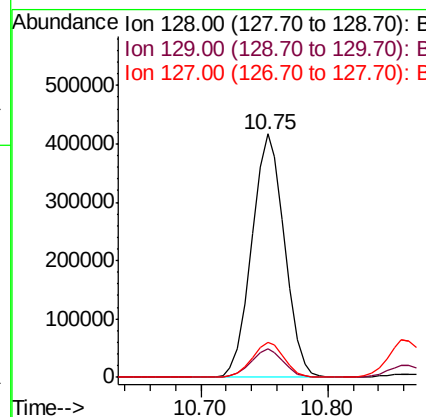
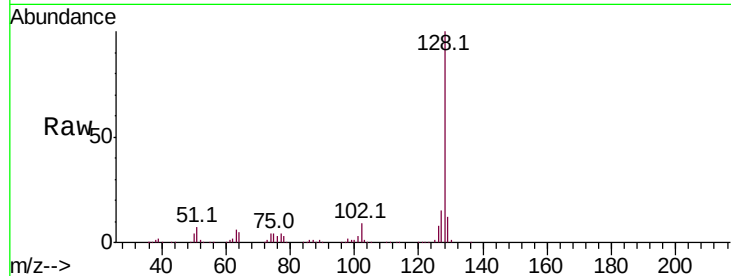
#31
Naphthalene
Concen: 47.114 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	746179		
129	11.6	9.3	13.9	
127	14.6	11.6	17.4	

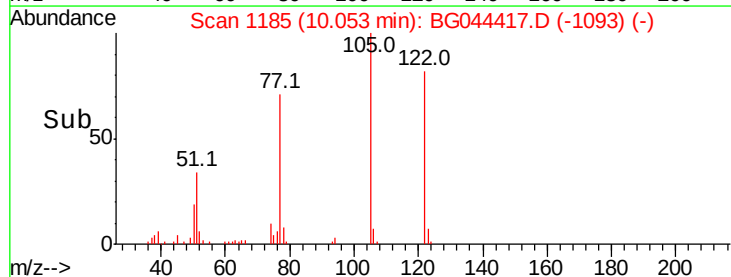
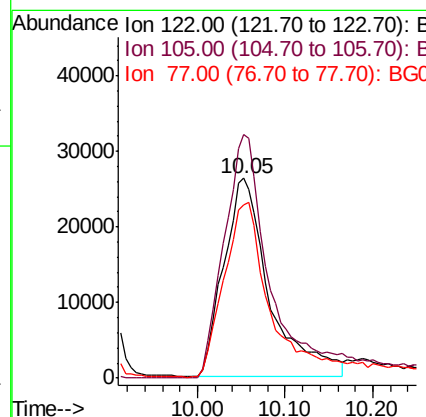
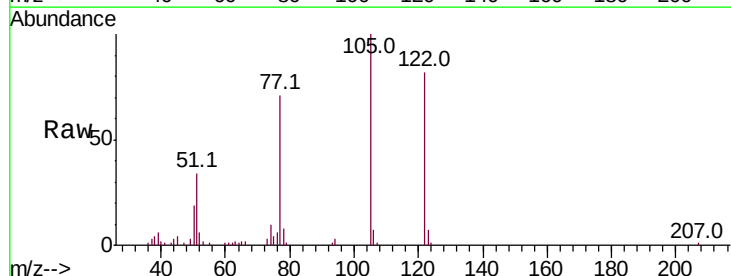
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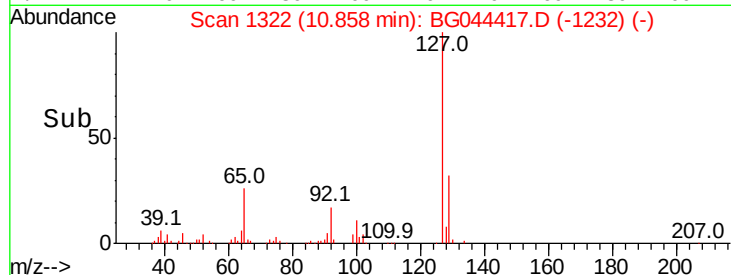
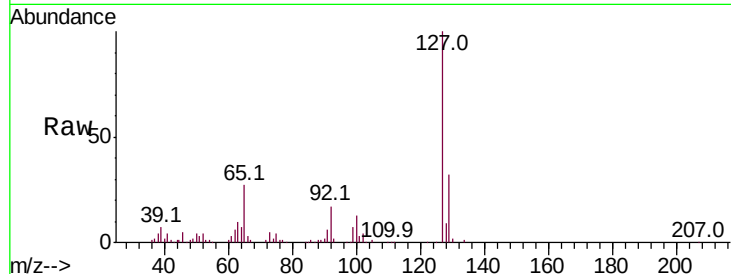
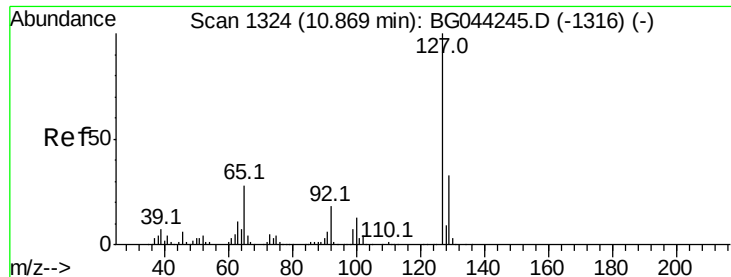
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#32
Benzoic acid
Concen: 38.652 ng
RT: 10.05 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	94601		
105	121.9	93.5	133.5	
77	86.5	61.0	101.0	





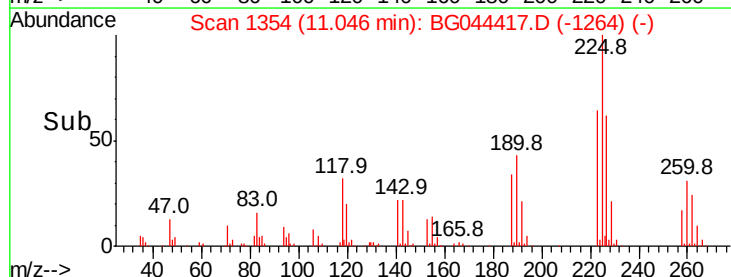
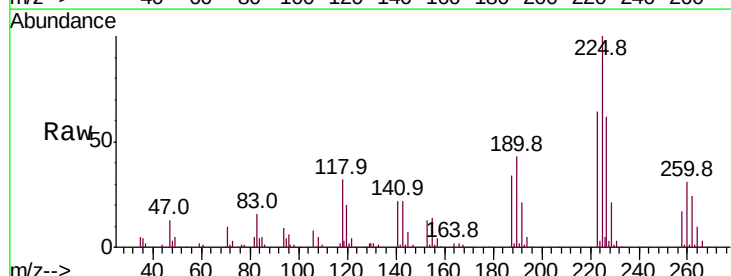
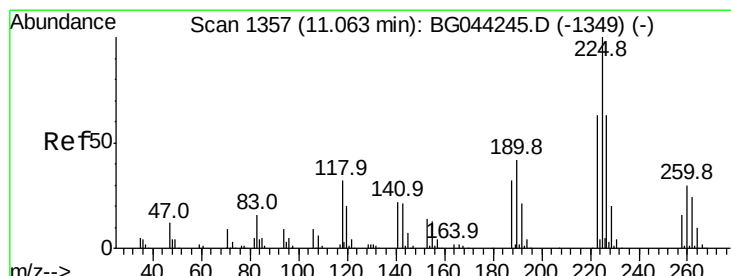
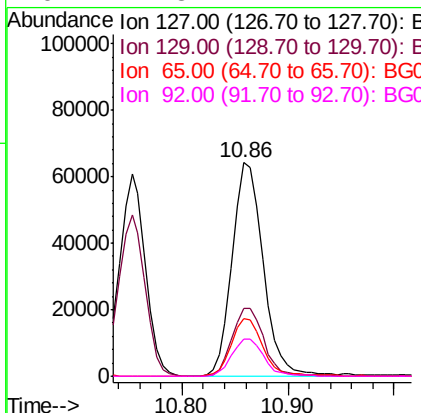
#33
4-Chloroaniline
Concen: 18.250 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.6	40.0		
65	26.8	22.5	33.7		
92	17.3	14.1	21.1		

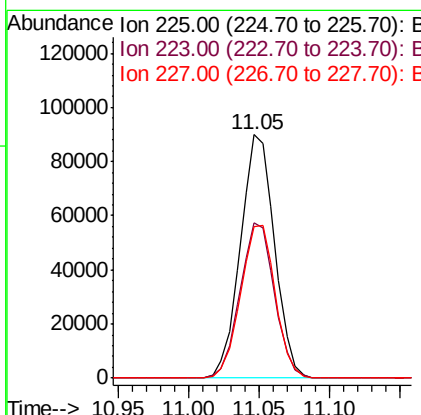
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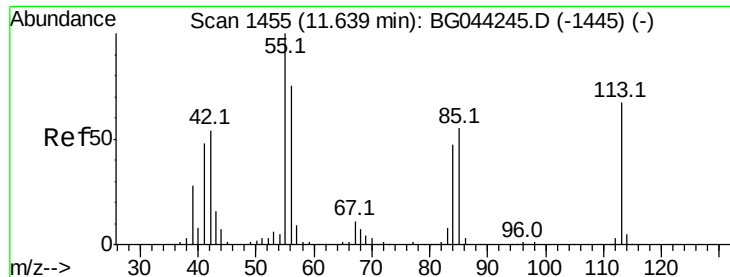
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#34
Hexachlorobutadiene
Concen: 43.157 ng
RT: 11.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	50.2	75.4		
227	62.2	50.8	76.2		





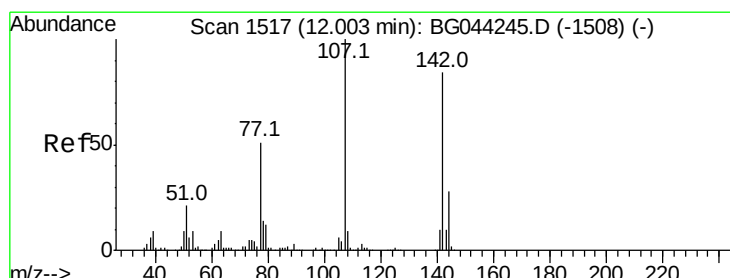
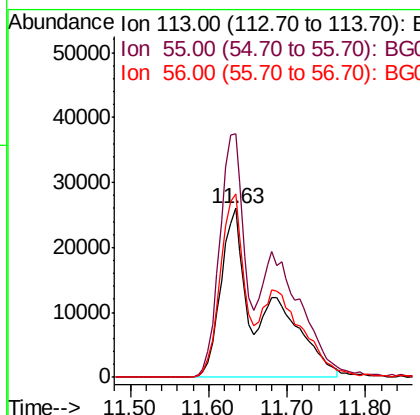
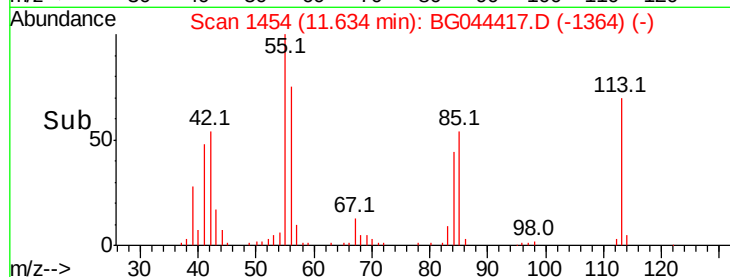
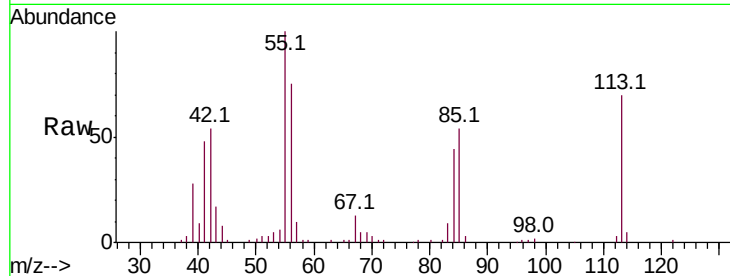
#35
 Caprolactam
 Concen: 53.158 ng/ml
 RT: 11.63 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.9	129.9	169.9
56	108.5	92.5	132.5

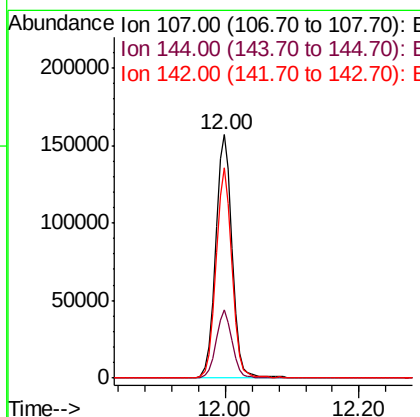
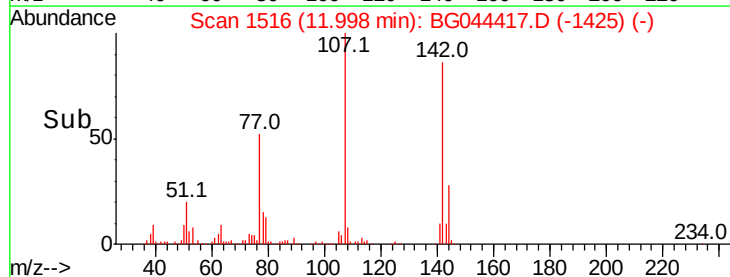
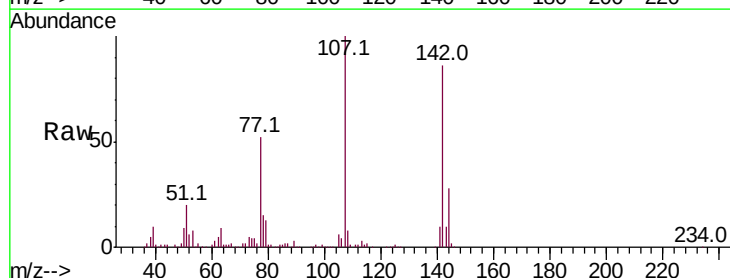
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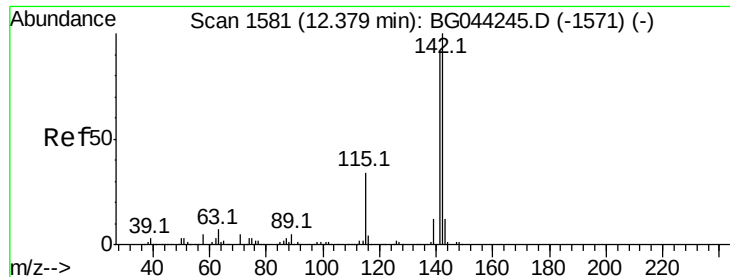
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#36
 4-Chloro-3-methylphenol
 Concen: 52.048 ng/ml
 RT: 12.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.2	33.4
142	86.5	67.4	101.0





#37

2-Methylnaphthalene

Concen: 47.543 ng

RT: 12.36 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

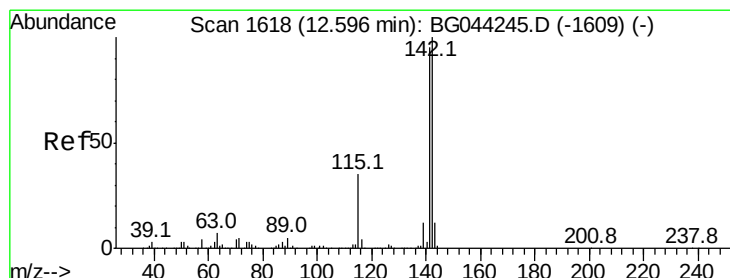
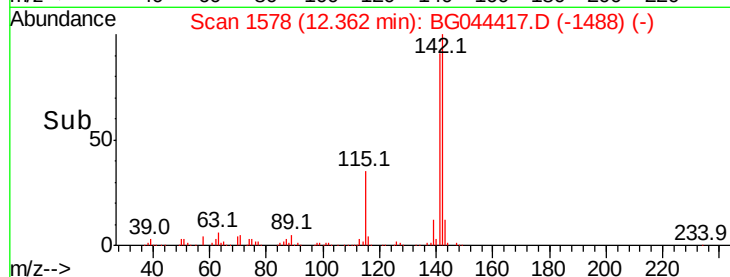
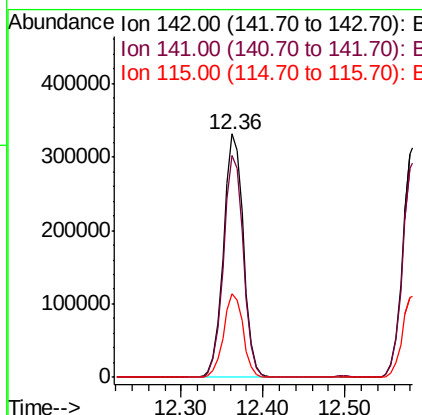
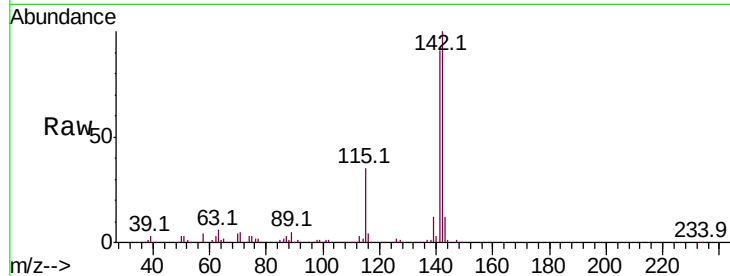
Instrument :
BNA_G

ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
115	34.6	27.1	40.7

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 48.150 ng

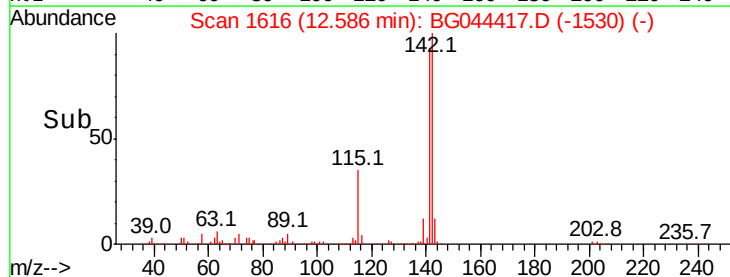
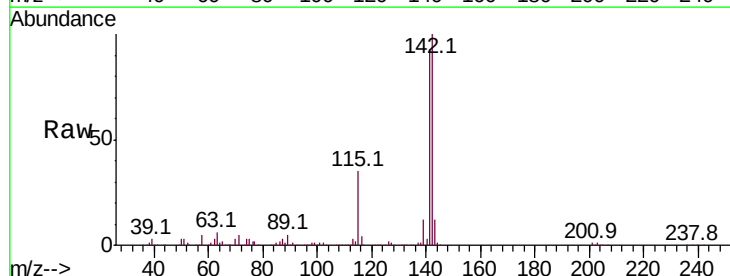
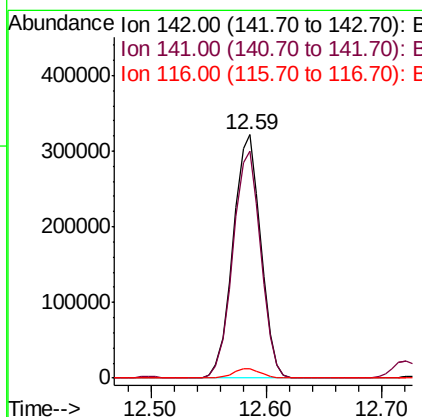
RT: 12.59 min Scan# 1616

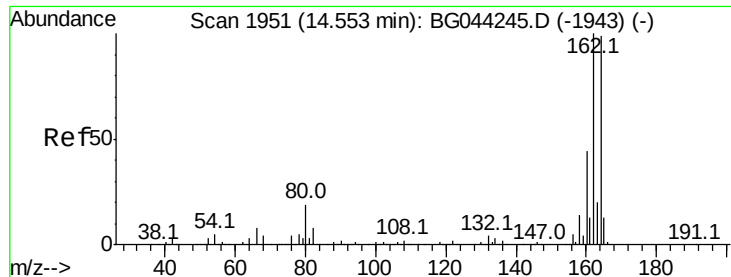
Delta R.T. 0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.8	113.6
116	3.7	3.1	4.7





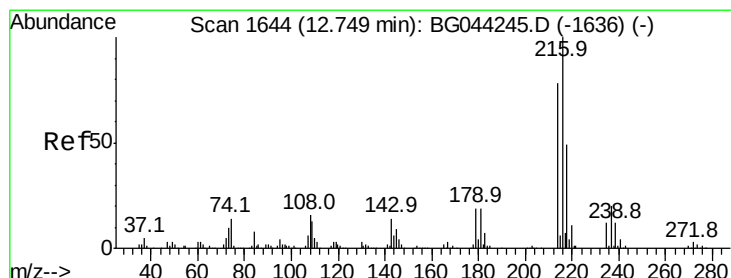
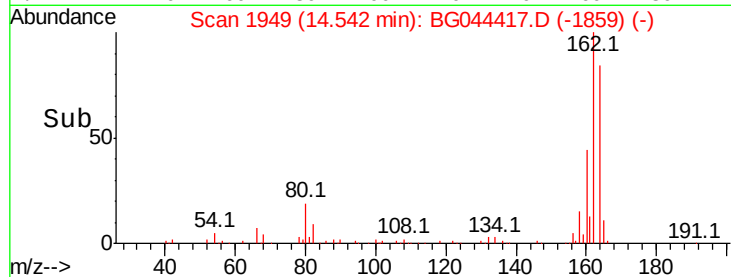
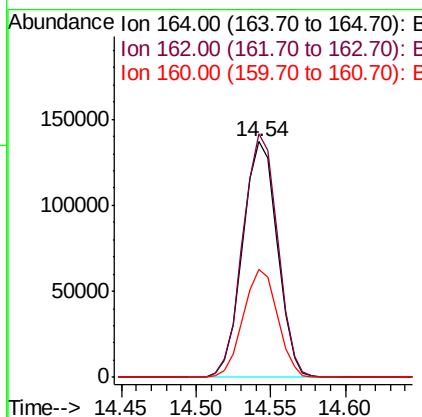
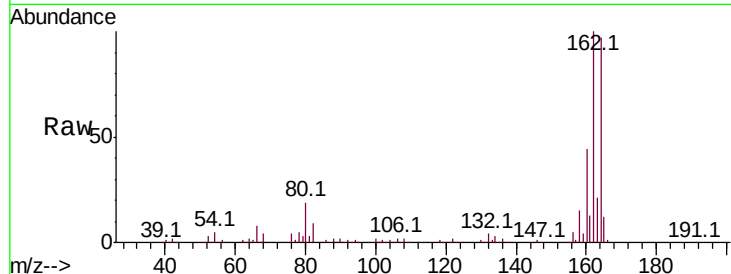
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.7	121.1
160	45.9	35.3	52.9

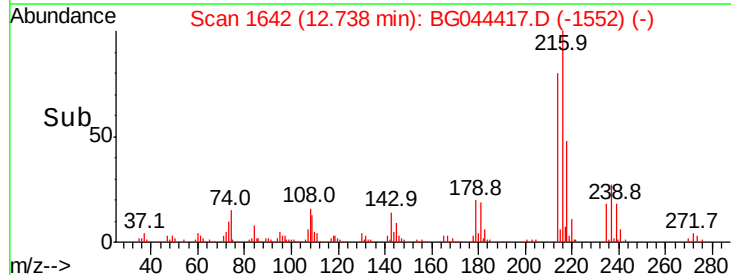
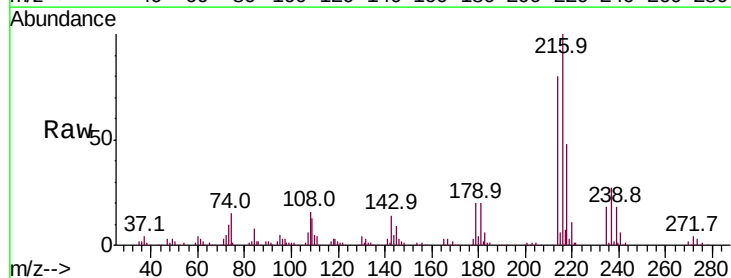
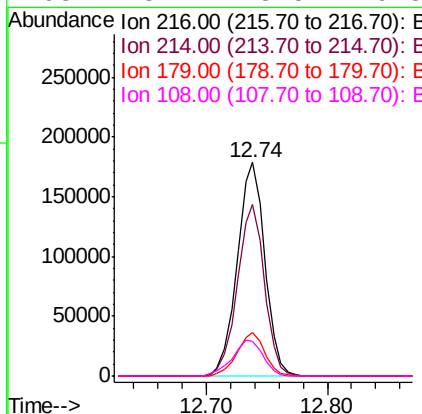
Manual Integrations
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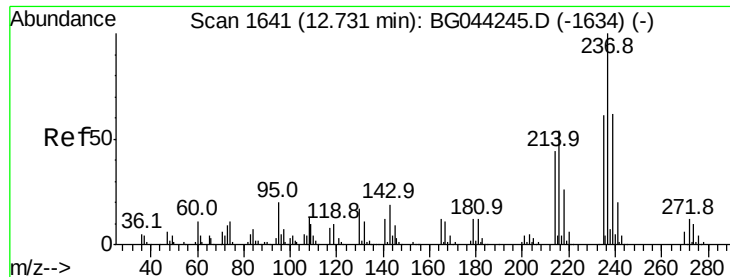
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.232 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.6
179	20.3	16.2	24.4
108	18.7	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 95.962 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

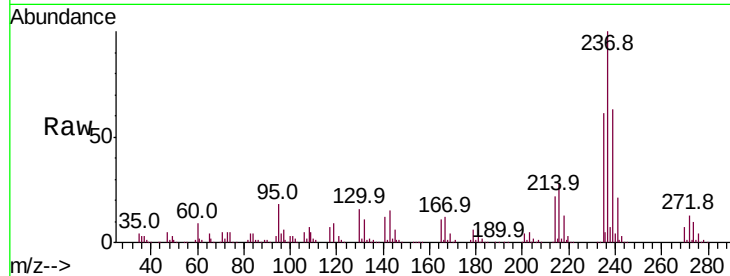
ClientSampleId :

SB-2I-(13.5-15.5)MSD

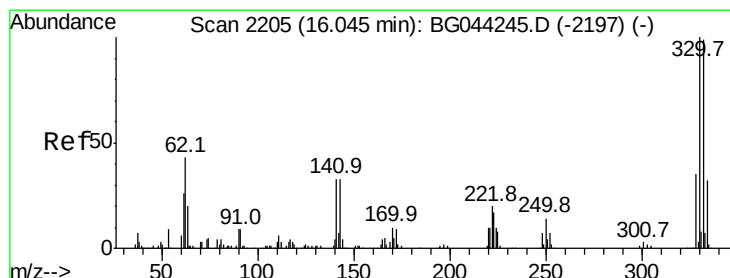
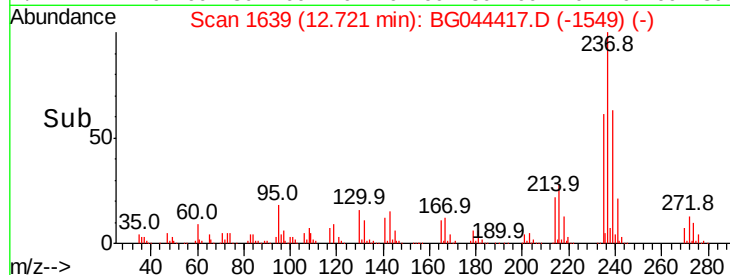
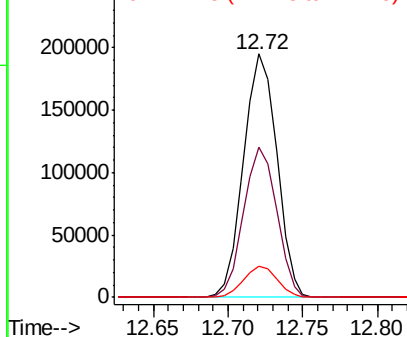
Tot Ion:	237	Resp:	302581
Ion Ratio	Lower	Upper	
237	100		
235	61.4	41.2	81.2
272	12.6	0.0	32.4

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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: 149.948 ng

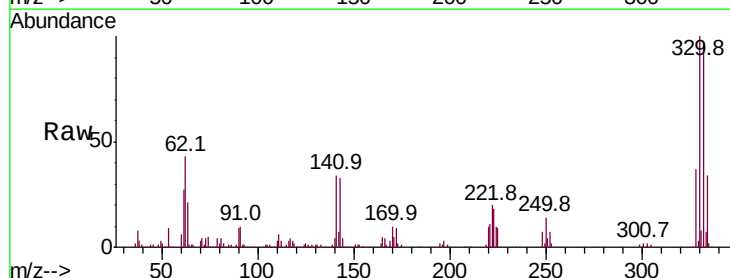
RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

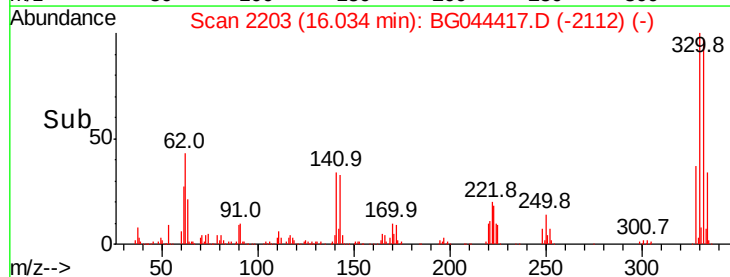
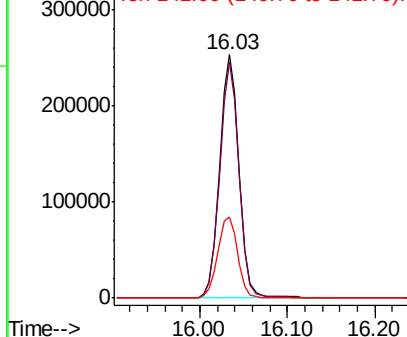
Lab File: BG044417.D

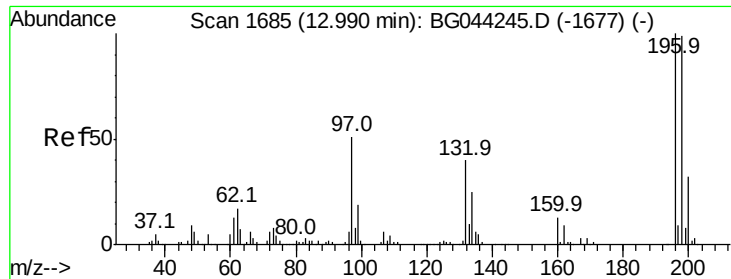
Acq: 12 Feb 2020 20:27

Tgt Ion:	330	Resp:	386705
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.2	115.8
141	34.7	28.3	42.5



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





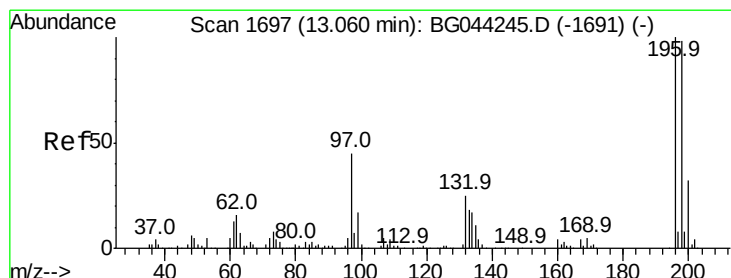
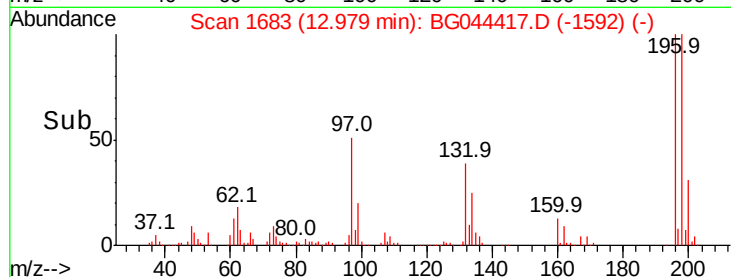
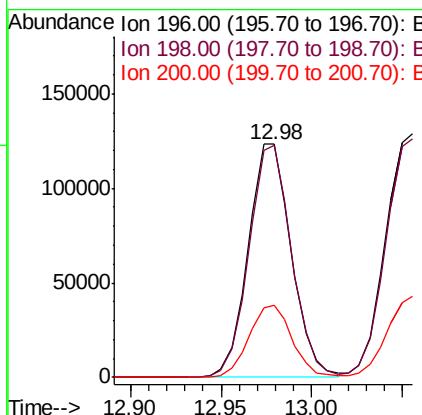
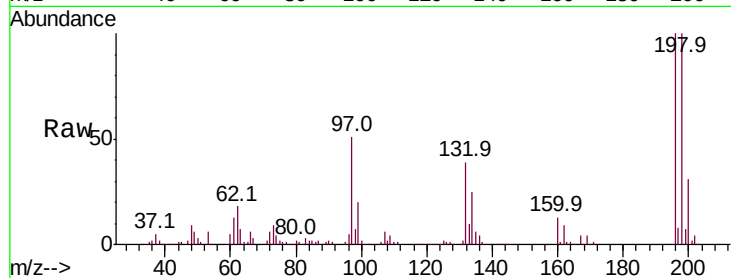
#43
 2,4,6-Trichlorophenol
 Concen: 48.224 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	204836		
198	99.6	79.3	118.9	
200	30.7	25.7	38.5	

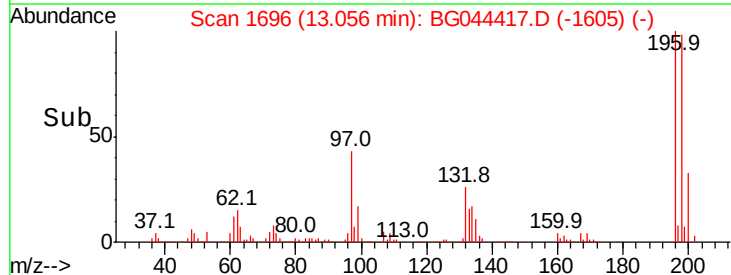
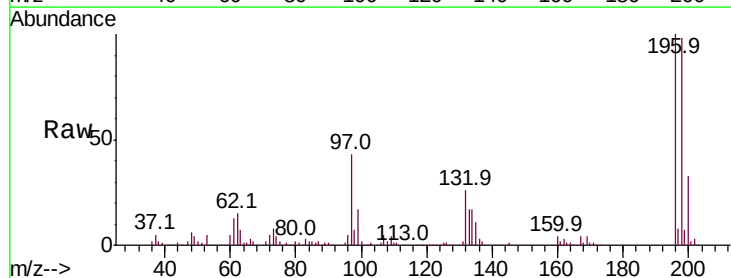
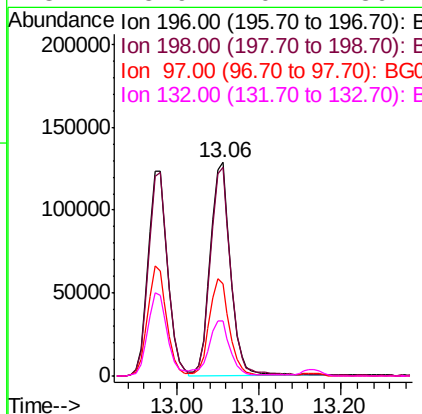
Manual Integrations
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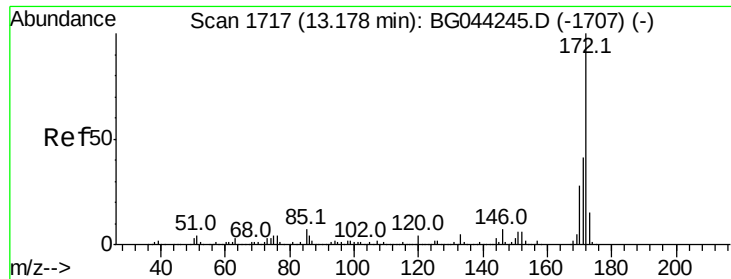
mohammad
 2/13/2020 3:33:59 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.645 ng
 RT: 13.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224059		
198	97.8	78.2	117.2	
97	43.4	36.2	54.4	
132	25.9	20.2	30.4	





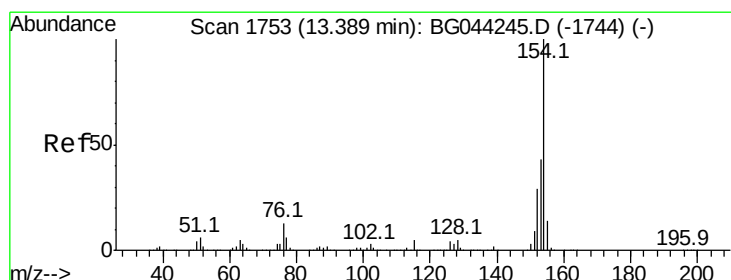
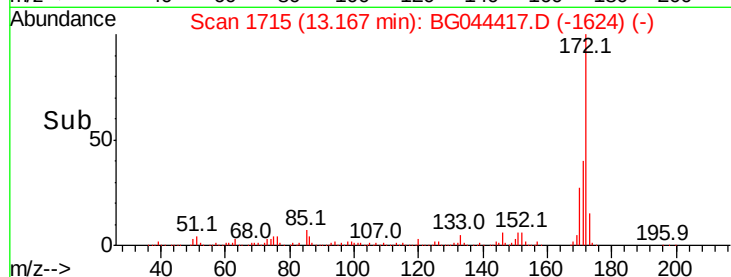
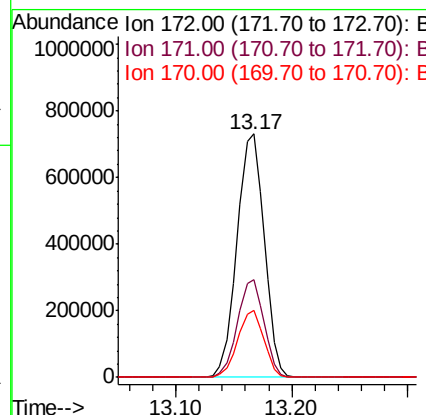
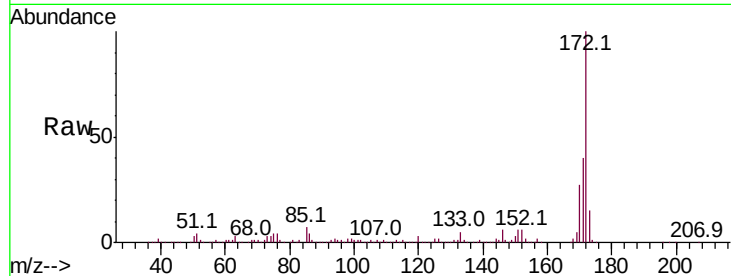
#45
2-Fluorobiphenyl
Concen: 91.148 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.2	32.9	49.3
170	27.4	22.0	33.0

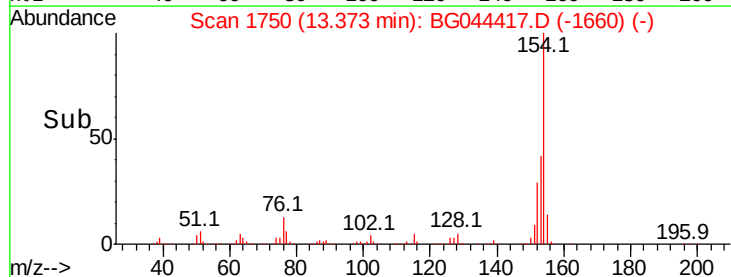
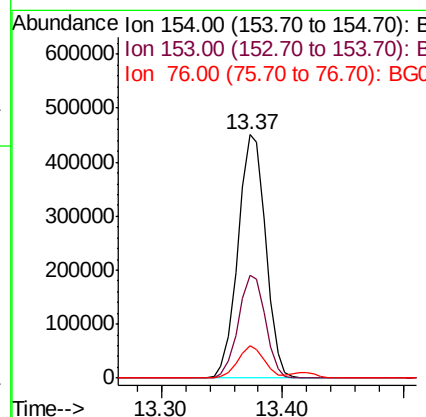
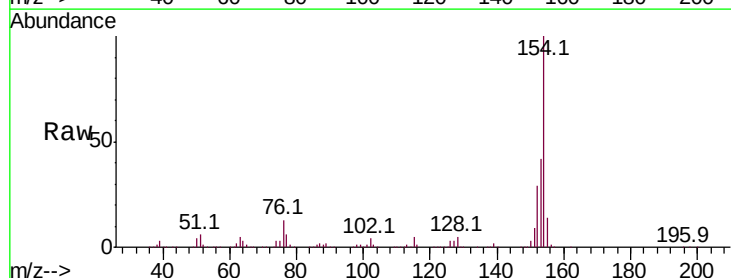
Manual Integrations
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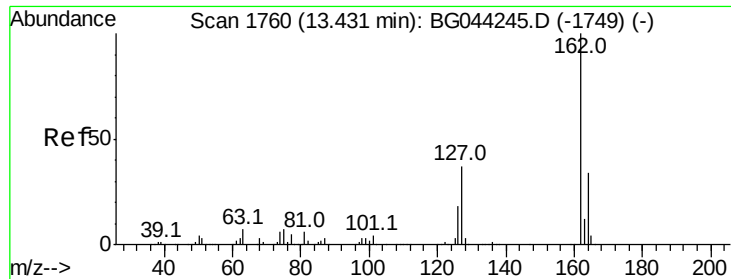
mohammad
2/13/2020 3:33:59 PM



#46
1,1'-Biphenyl
Concen: 45.426 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.7	62.7
76	13.2	0.0	32.9





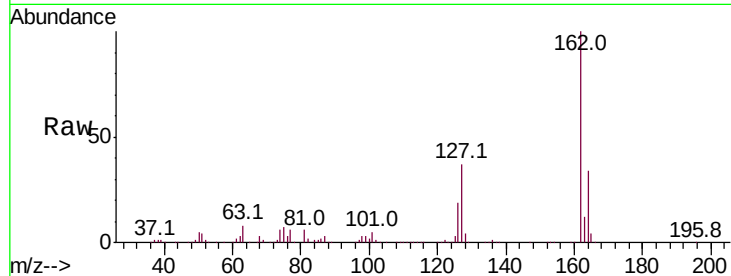
#47
2-Chloronaphthalene
Concen: 44.486 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.3	30.0	45.0	
164	33.6	27.2	40.8	

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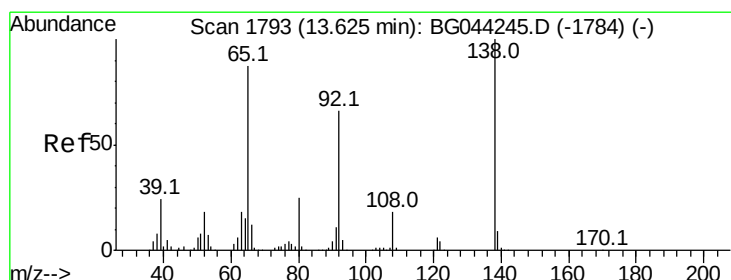
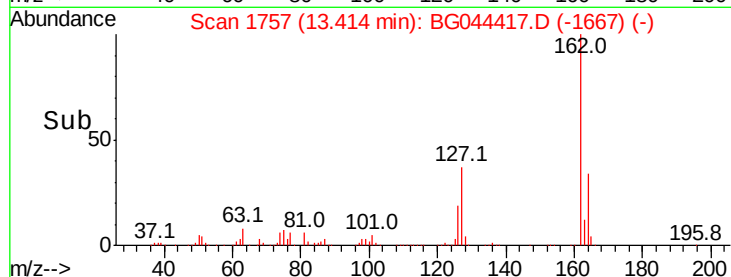
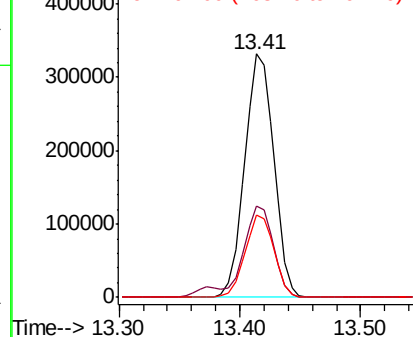


Abundance

Ion 162.00 (161.70 to 162.70): E

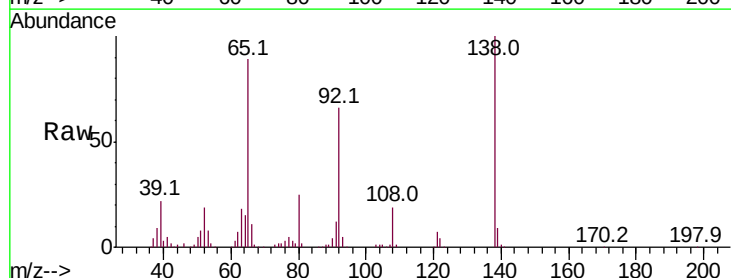
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.982 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	74.1	60.3	90.5	
138	112.5	91.9	137.9	

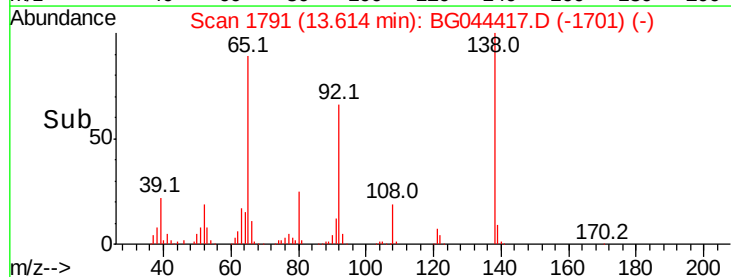
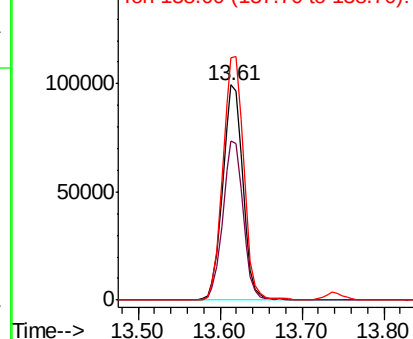


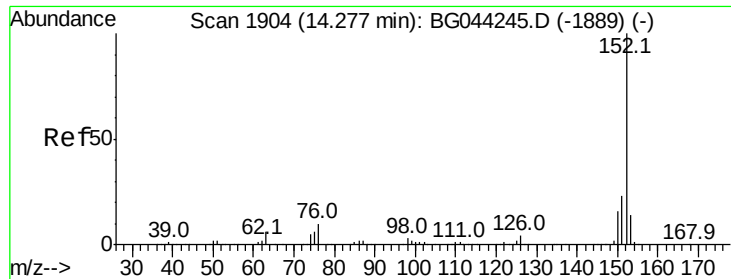
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.388 ng

RT: 14.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

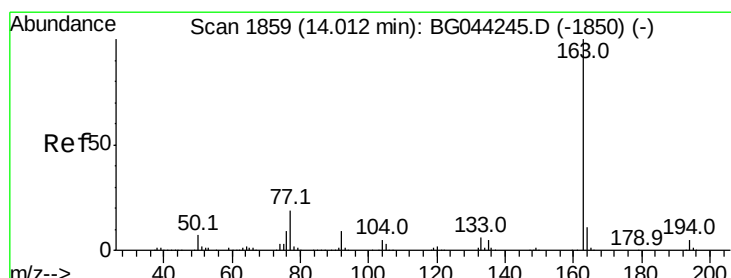
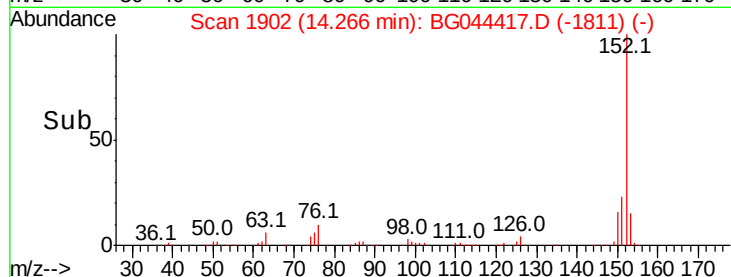
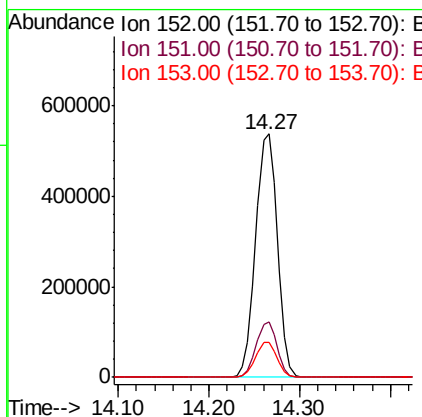
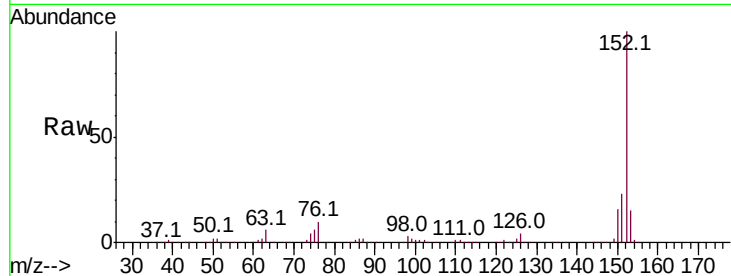
ClientSampleId :

SB-2I-(13.5-15.5)MSD

Tot Ion:	152	Resp:	894911
Ion Ratio	Lower	Upper	
152	100		
151	22.8	18.1	27.1
153	14.6	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 49.585 ng

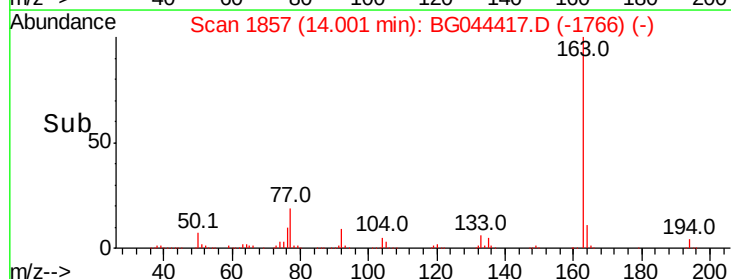
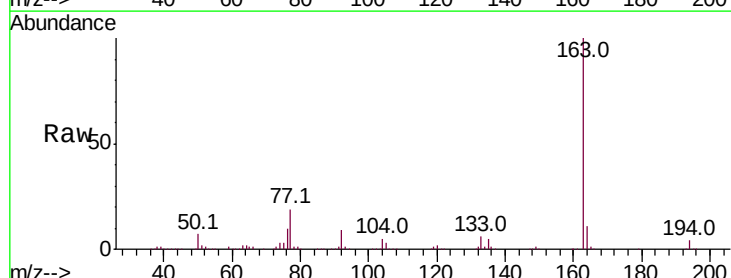
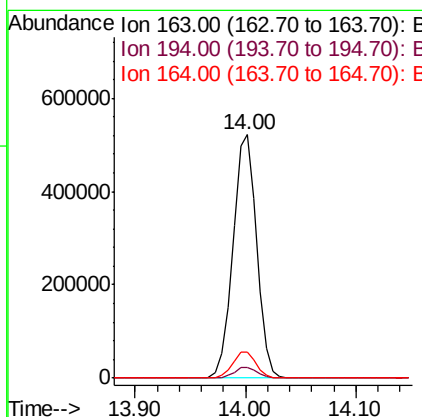
RT: 14.00 min Scan# 1857

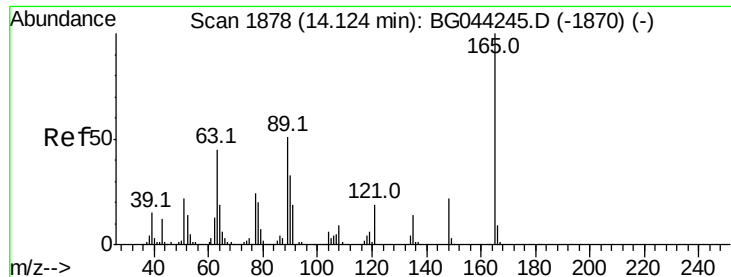
Delta R.T. 0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Tgt Ion:	163	Resp:	783007
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.9	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 47.823 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

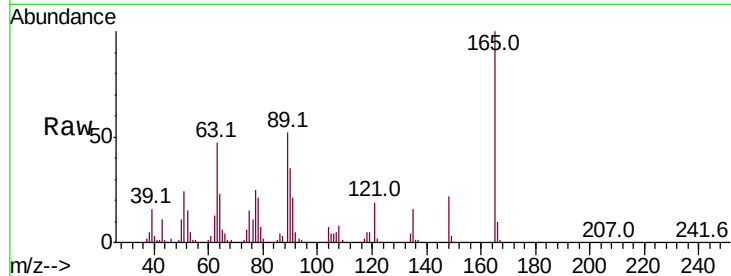
ClientSampleId :

SB-2I-(13.5-15.5)MSD

Tot Ion:	165	Resp:	168383
Ion Ratio	Lower	Upper	
165	100		
63	47.2	38.7	58.1
89	52.0	40.4	60.6

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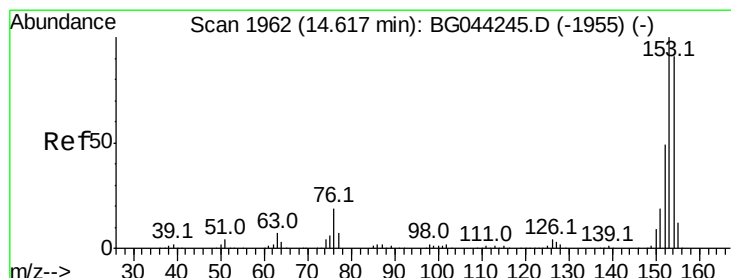
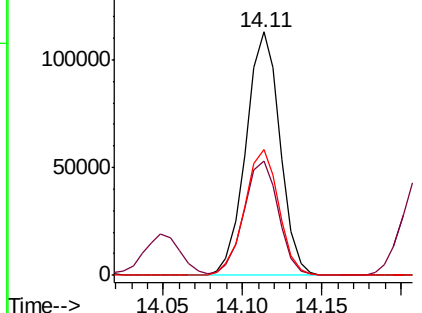
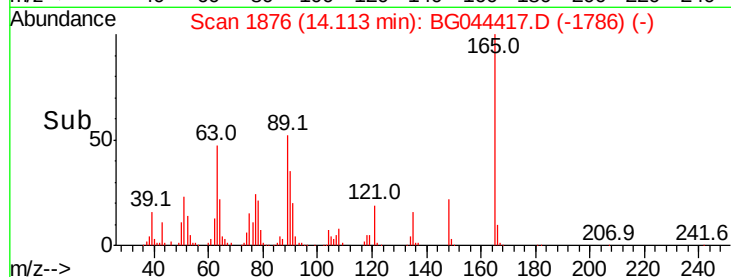
mohammad
2/13/2020 3:33:59 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 46.124 ng

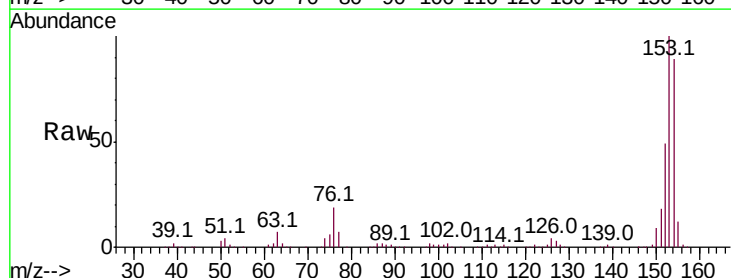
RT: 14.61 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

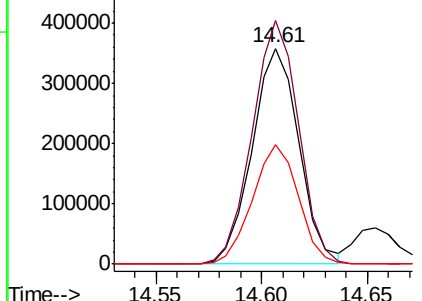
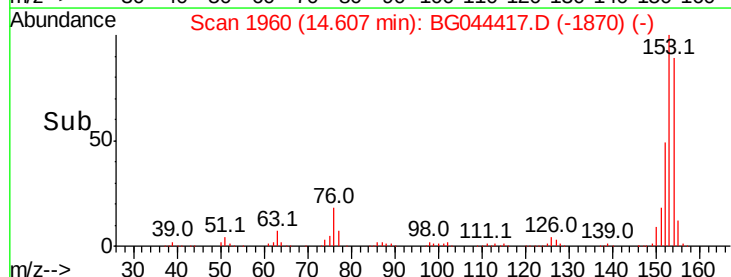
Tgt Ion:	154	Resp:	552918
Ion Ratio	Lower	Upper	
154	100		
153	112.7	87.9	131.9
152	55.2	43.1	64.7

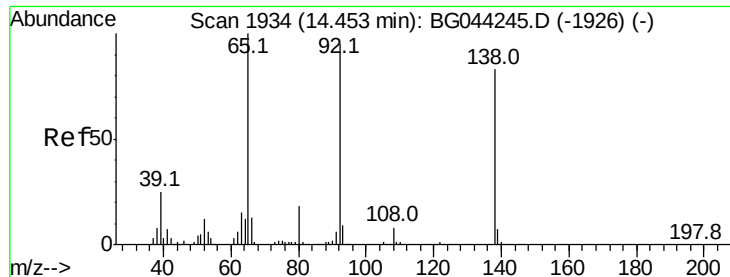


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





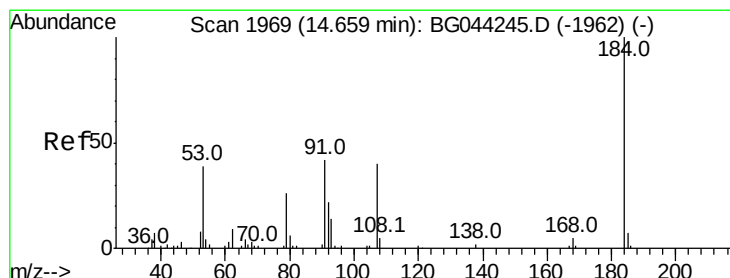
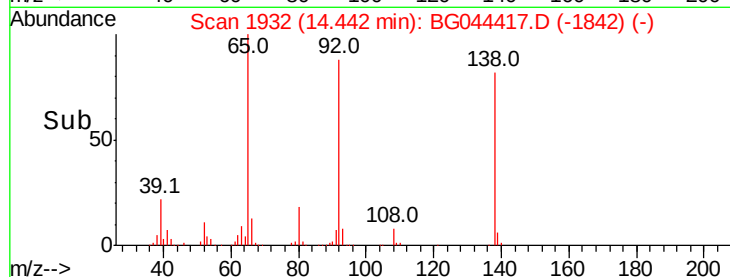
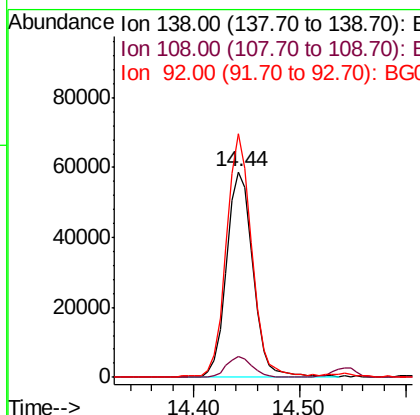
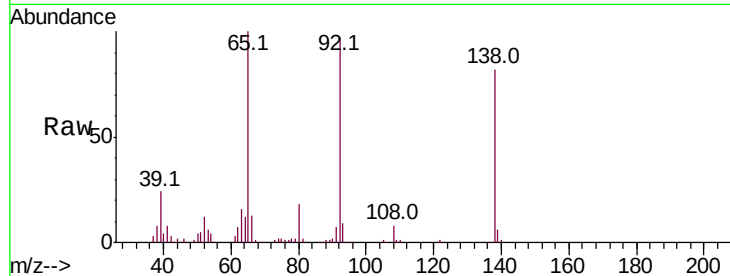
#53
 3-Nitroaniline
 Concen: 26.132 ng
 RT: 14.44 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.9	11.9
92	118.5	91.0	136.4

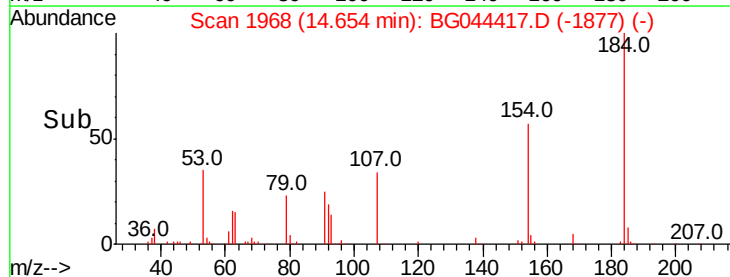
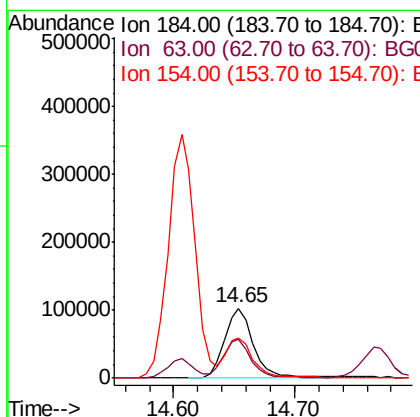
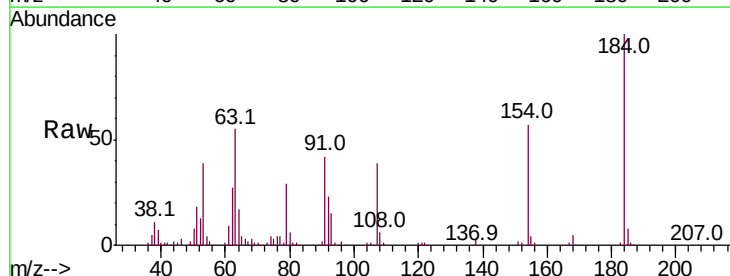
Manual Integrations
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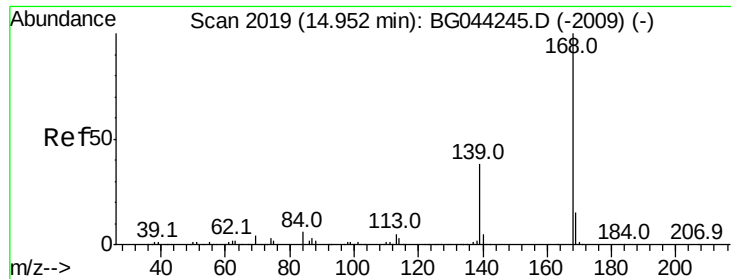
mohammad
 2/13/2020 3:33:59 PM



#54
 2,4-Dinitrophenol
 Concen: 81.650 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.3	44.1	66.1
154	57.4	45.4	68.0





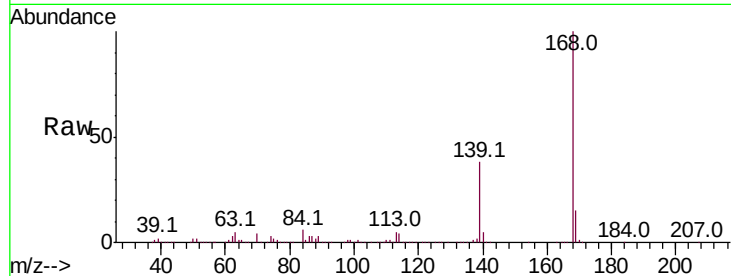
#55
Dibenzenofuran
Concen: 47.618 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.5	45.7
169	15.0	11.7	17.5

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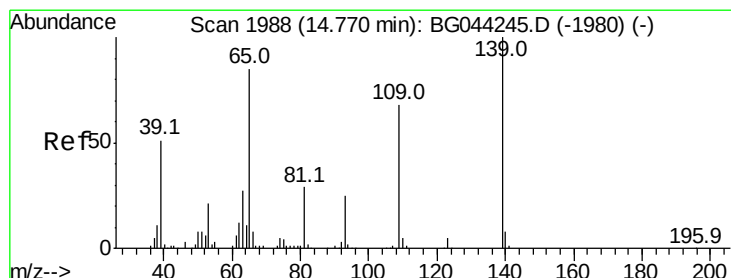
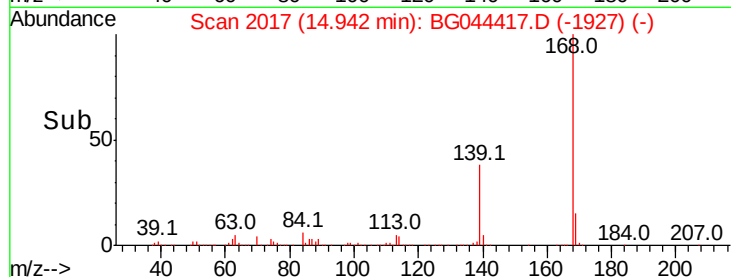
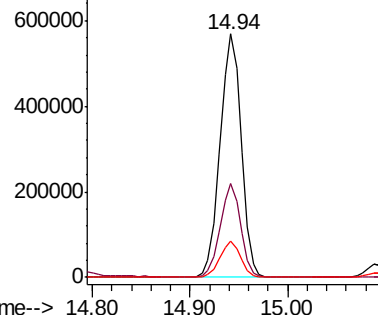


Abundance

Ion 168.00 (167.70 to 168.70): E

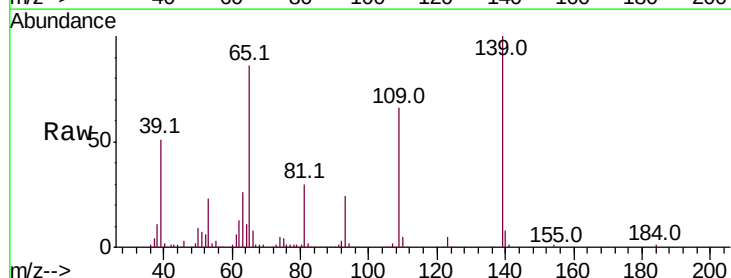
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 107.375 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	47.5	87.5
65	85.8	64.9	104.9

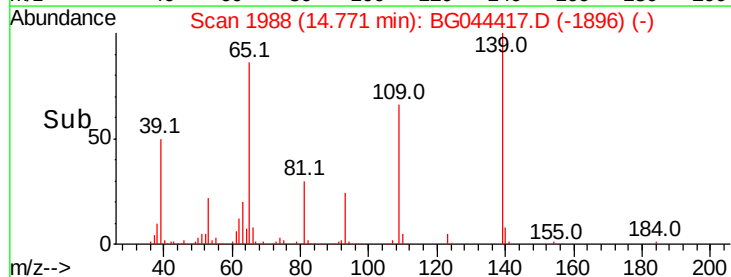
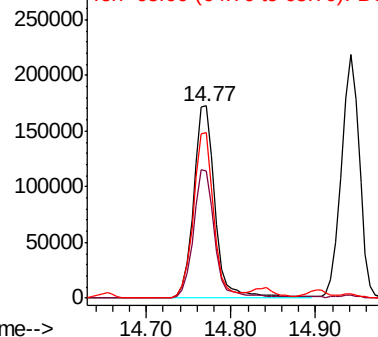


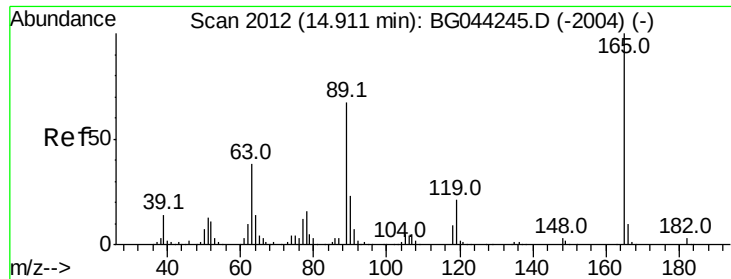
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





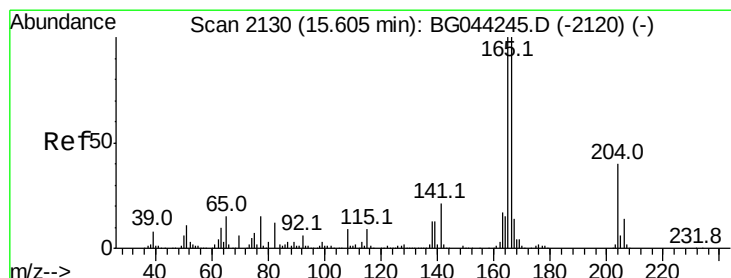
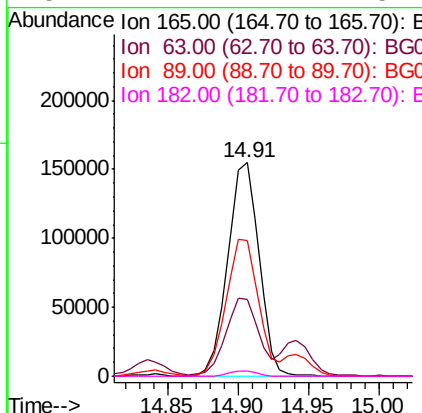
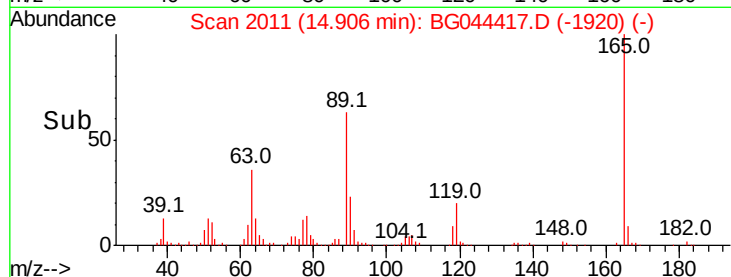
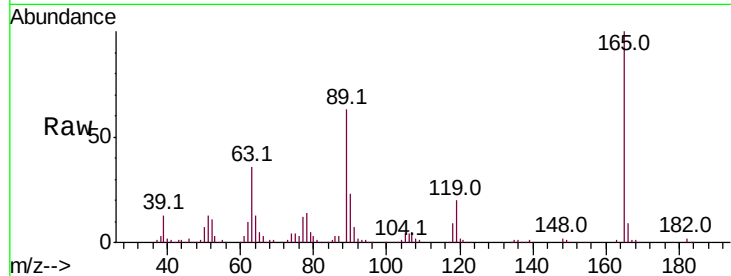
#57
 2,4-Dinitrotoluene
 Concen: 48.645 ng
 RT: 14.91 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	36.0	30.3	45.5	
89	63.3	53.4	80.2	
182	2.4	2.1	3.1	

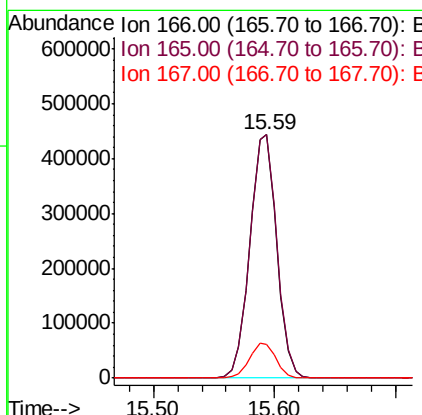
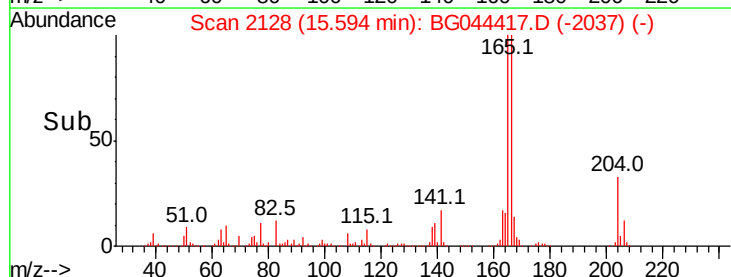
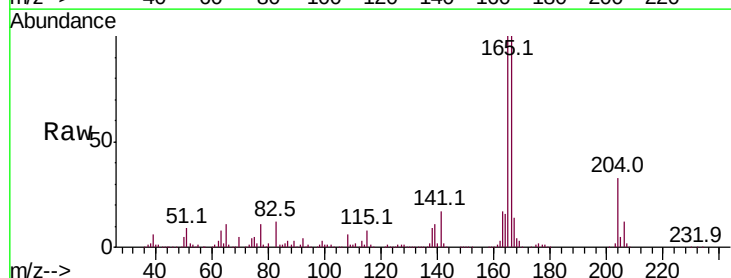
Manual Integrations
 APPROVED

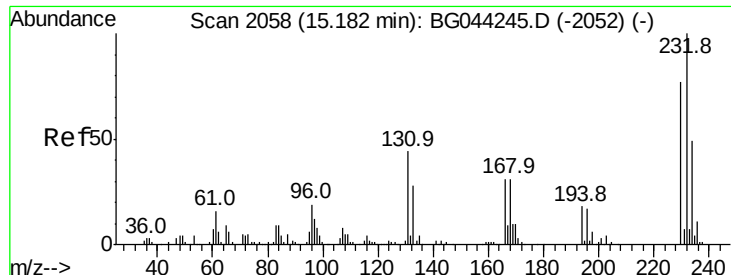
mohammad
 2/13/2020 3:33:59 PM



#58
 Fluorene
 Concen: 47.957 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	79.9	119.9	
167	14.0	11.4	17.0	





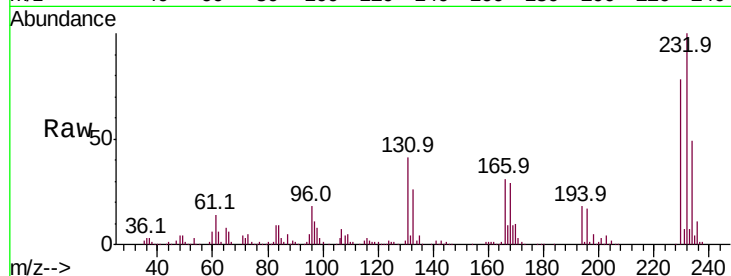
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.057 ng
 RT: 15.18 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

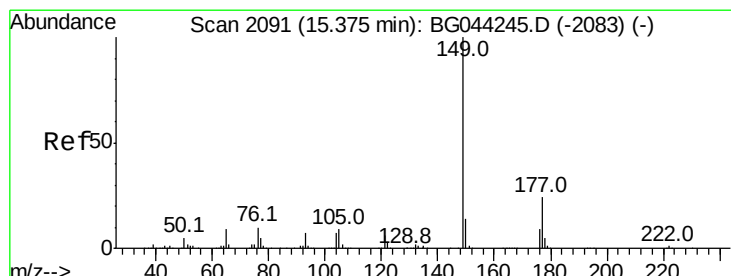
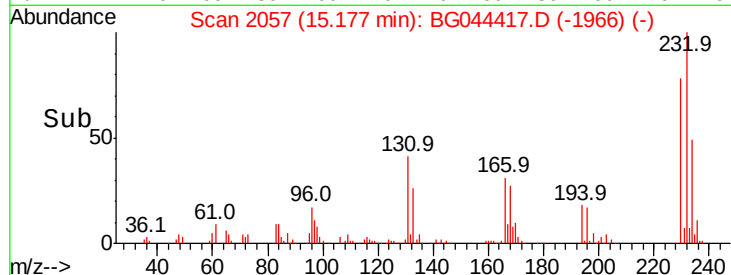
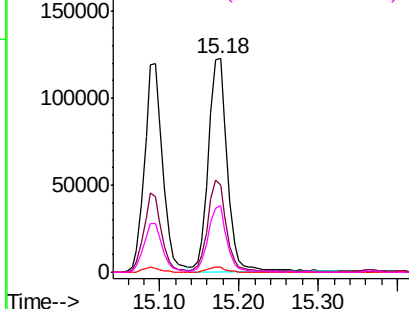
Tot Ion	Ratio	Resp	Lower	Upper
232	100	204000		
131	41.9		34.2	51.4
130	2.2		1.8	2.8
166	30.1		23.8	35.8

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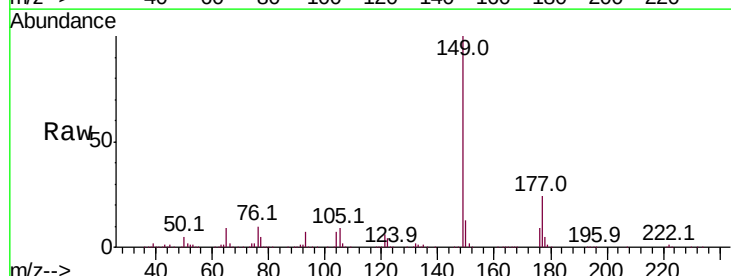


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

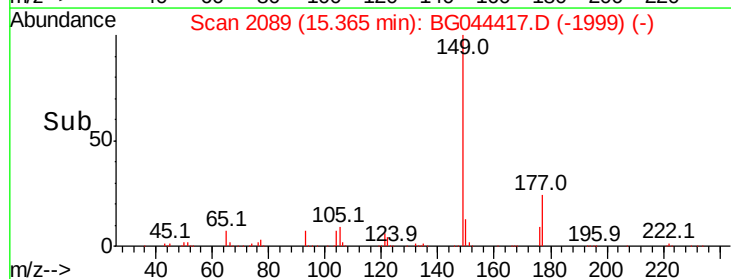
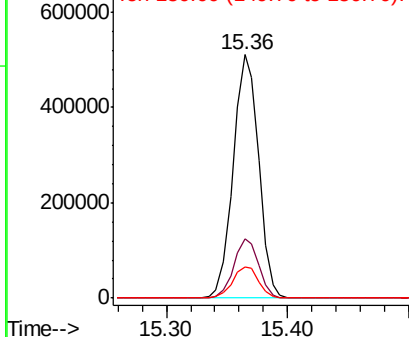


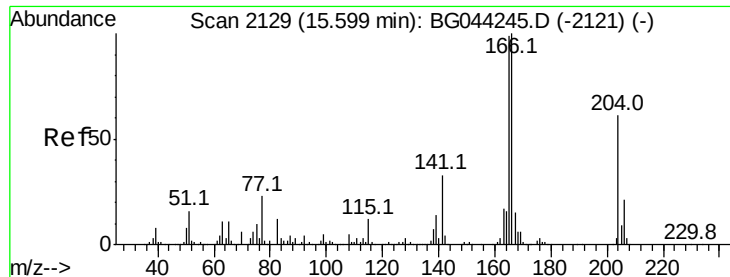
#60
 Diethylphthalate
 Concen: 47.417 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	746093		
177	24.2		19.4	29.0
150	12.9		10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





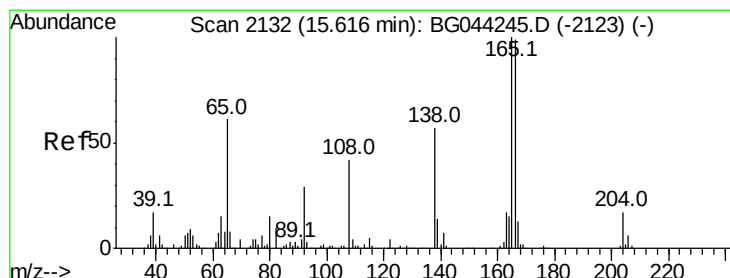
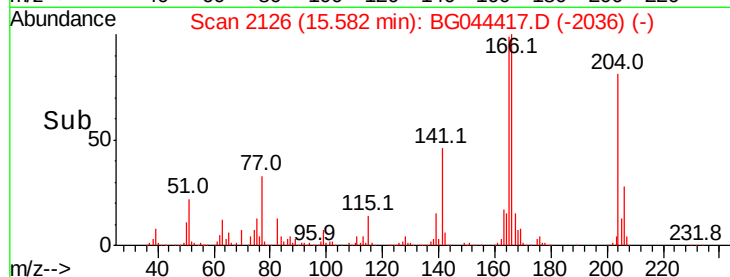
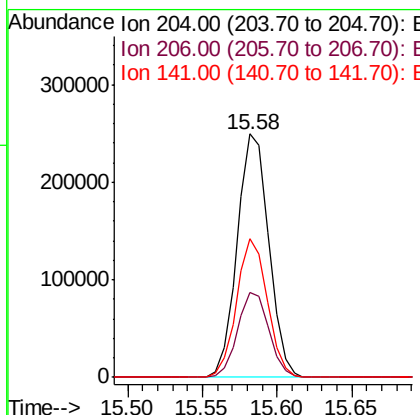
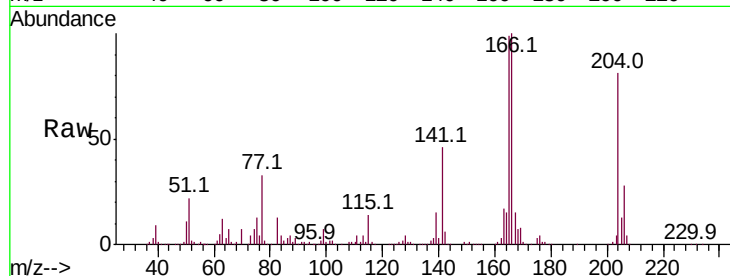
#61
 4-Chlorophenyl-phenylether
 Concen: 47.317 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.6	41.4
141	56.9	43.4	65.0

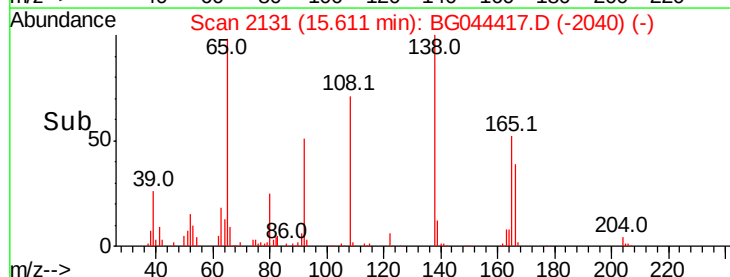
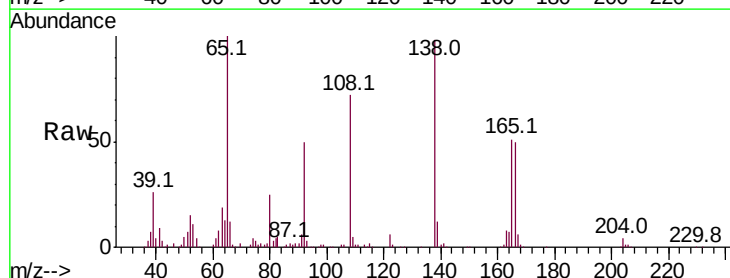
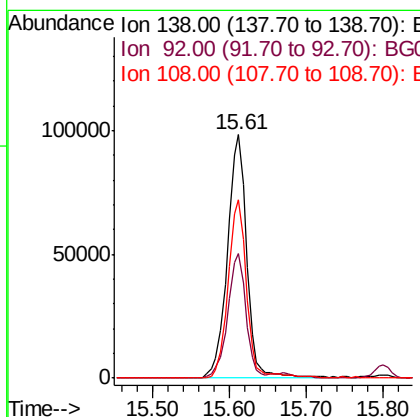
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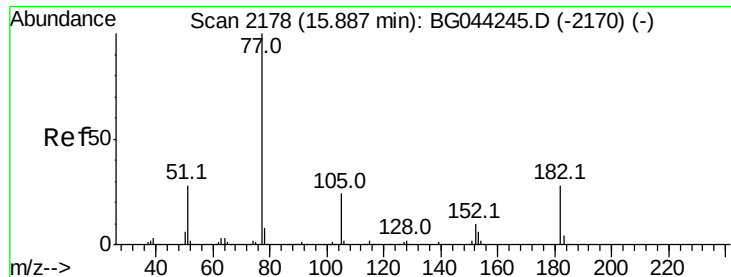
mohammad
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#62
 4-Nitroaniline
 Concen: 44.600 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.3	71.3
108	73.0	52.6	92.6





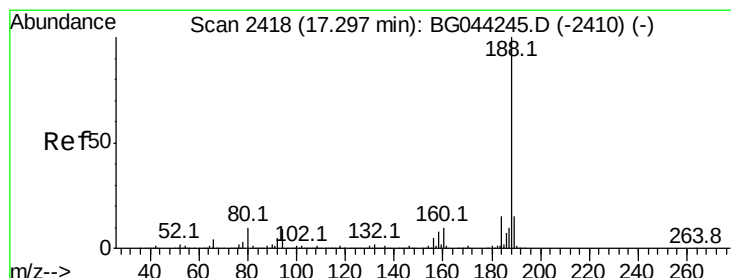
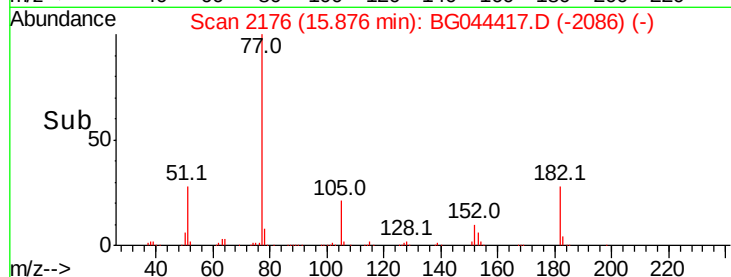
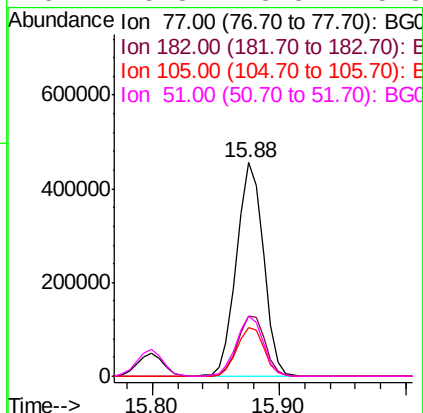
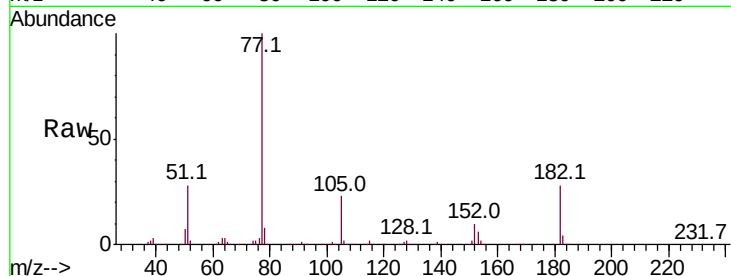
#63
Azobenzene
Concen: 48.358 ng
RT: 15.88 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	666887		
182	28.1	8.2	48.2	
105	23.0	3.6	43.6	
51	28.3	8.3	48.3	

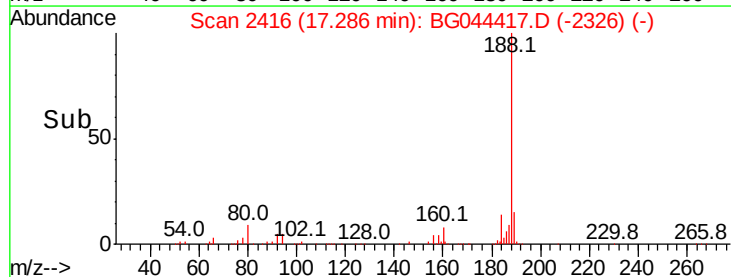
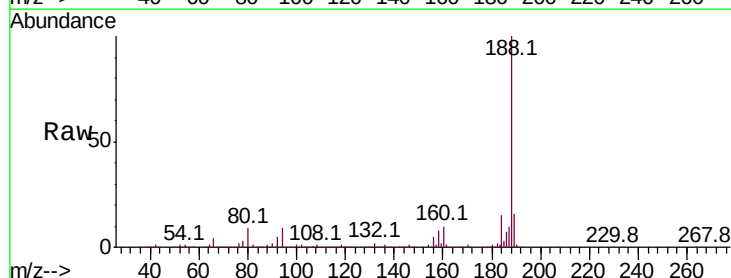
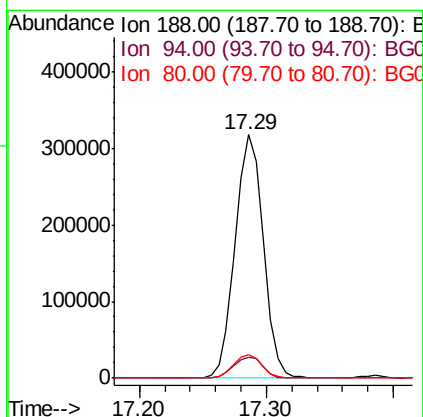
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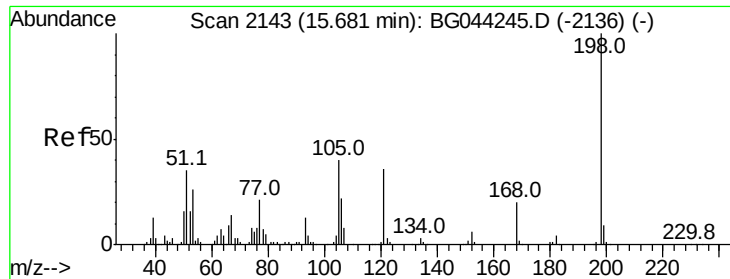
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	487117		
94	8.6	7.4	11.2	
80	9.4	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 51.652 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

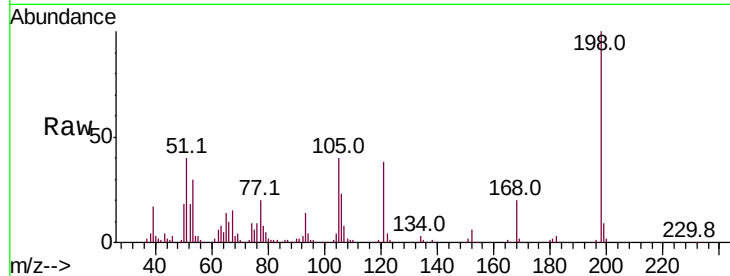
ClientSampleId :

SB-2I-(13.5-15.5)MSD

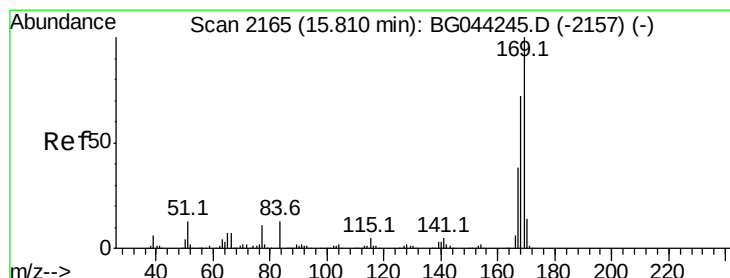
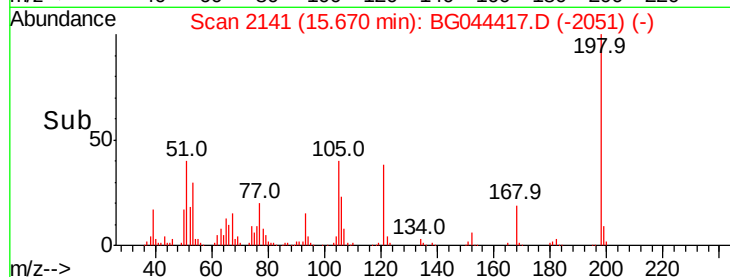
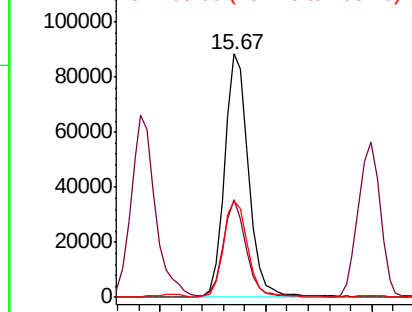
Tot Ion:	198	Resp:	138887
Ion Ratio	Lower	Upper	
198	100		
51	40.1	16.6	56.6
105	39.8	20.6	60.6

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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: 47.711 ng

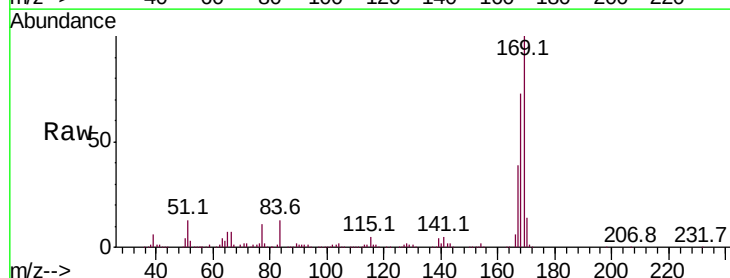
RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

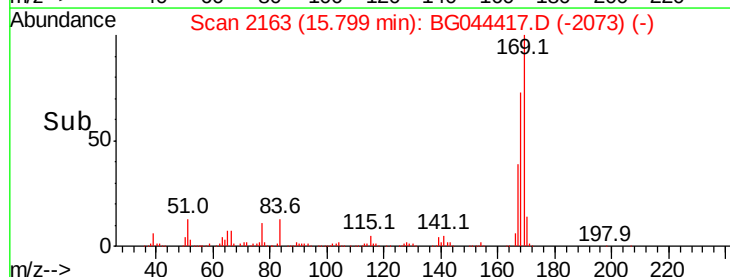
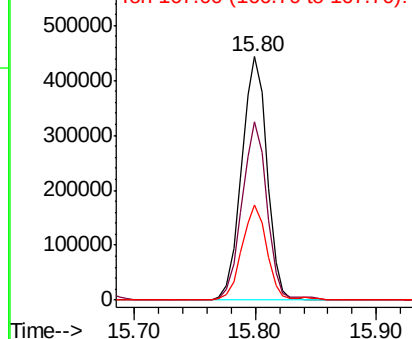
Lab File: BG044417.D

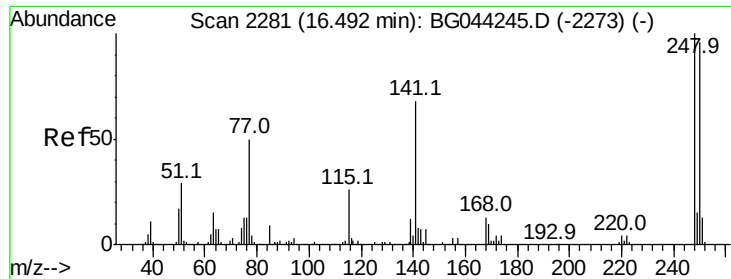
Acq: 12 Feb 2020 20:27

Tgt Ion:	169	Resp:	651308
Ion Ratio	Lower	Upper	
169	100		
168	73.2	57.9	86.9
167	39.0	30.7	46.1



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: 46.074 ng

RT: 16.48 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

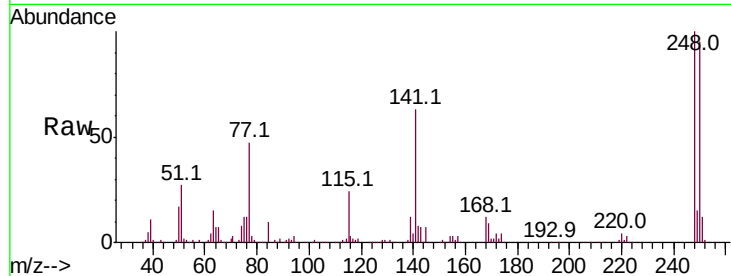
ClientSampleId :

SB-2I-(13.5-15.5)MSD

Tot Ion:	248	Resp:	244519
Ion Ratio	Lower	Upper	
248	100		
250	95.5	76.6	114.8
141	63.2	54.7	82.1

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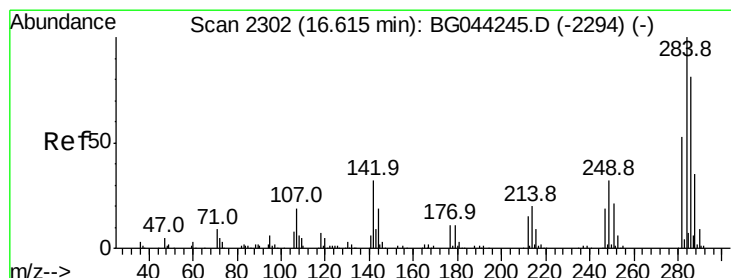
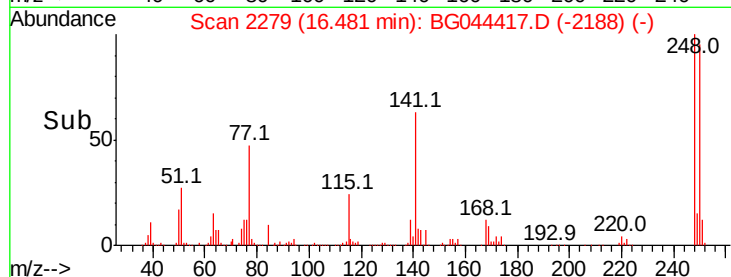
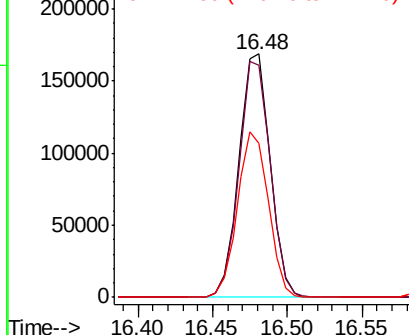


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 45.273 ng

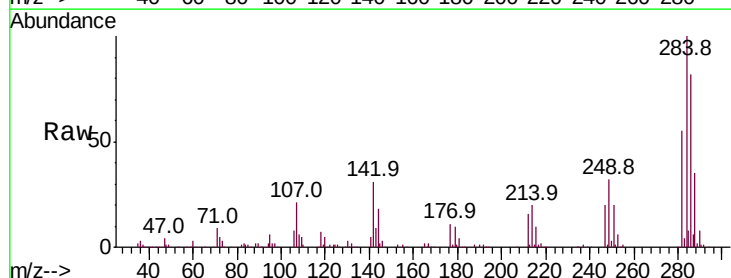
RT: 16.60 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Tgt Ion:	284	Resp:	269182
Ion Ratio	Lower	Upper	
284	100		
142	30.9	25.3	37.9
249	32.0	25.5	38.3

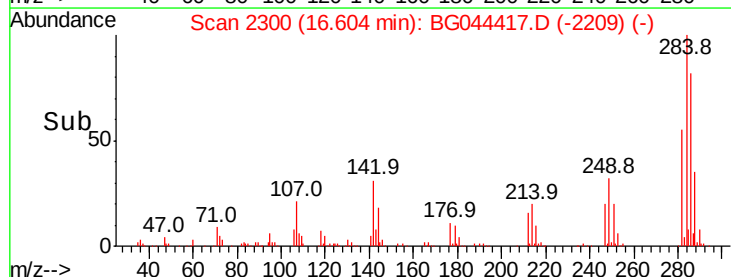
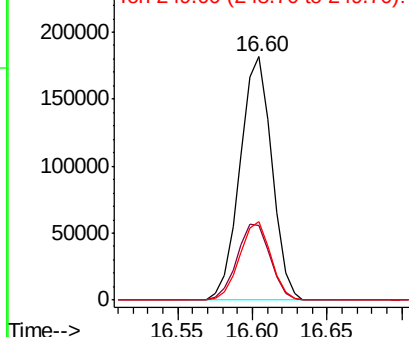


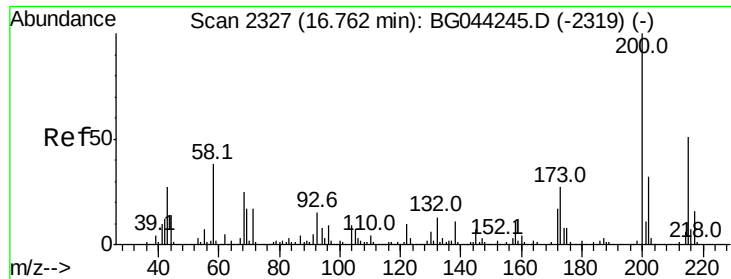
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





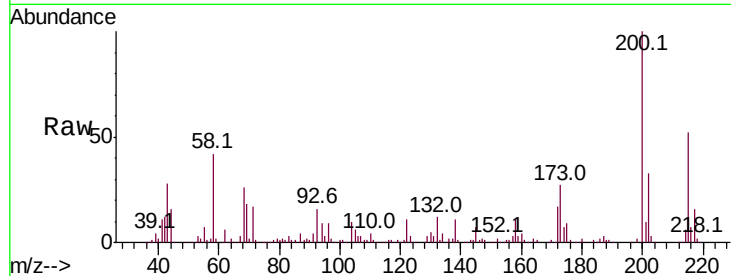
#69
 Atrazine
 Concen: 53.353 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.5	6.6	46.6
215	51.5	31.0	71.0

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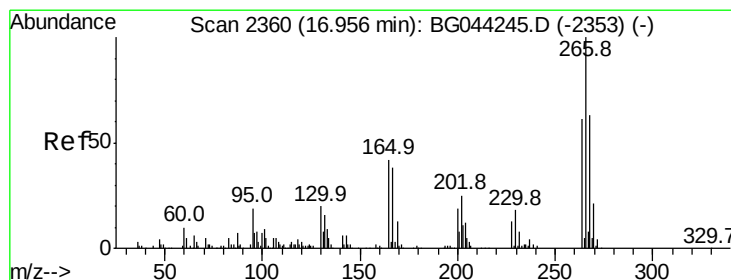
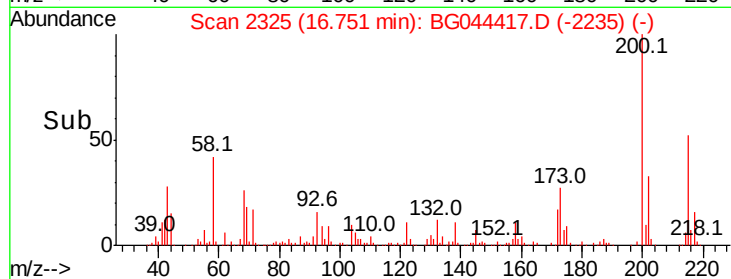
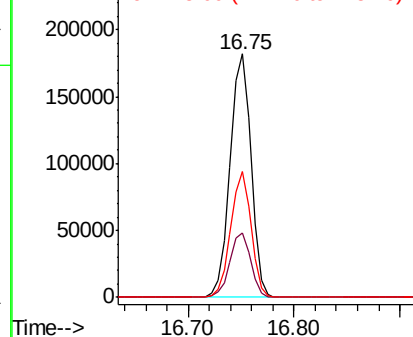


Abundance

Ion 200.00 (199.70 to 200.70): E

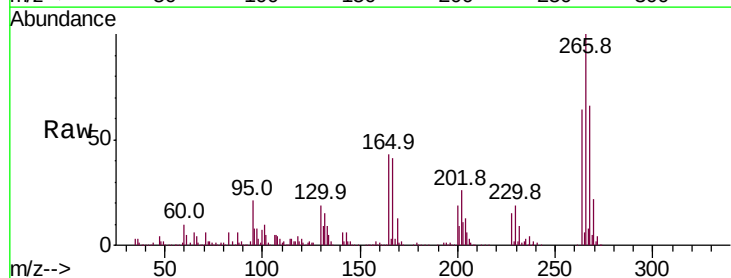
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 90.353 ng
 RT: 16.95 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.9	50.6	75.8
264	64.2	48.7	73.1

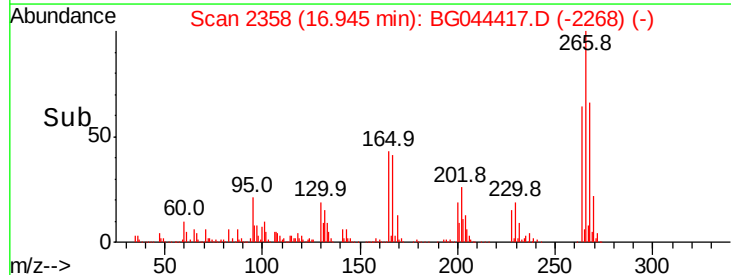
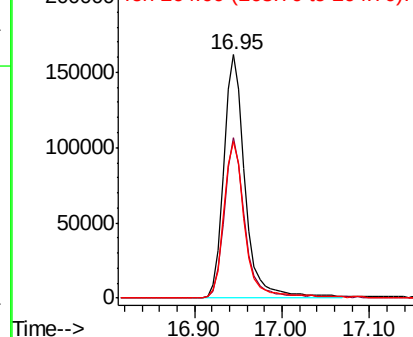


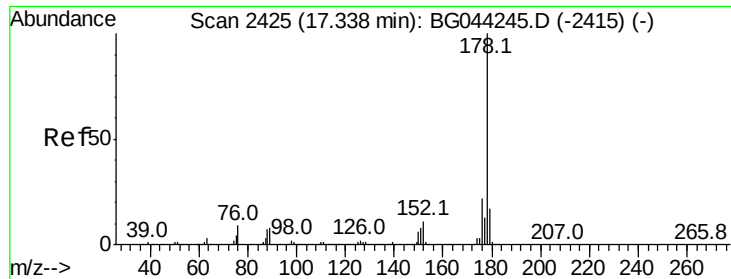
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





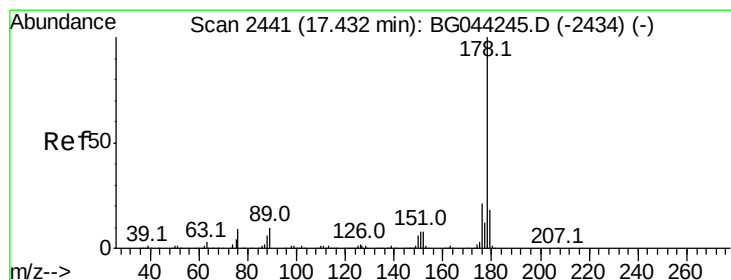
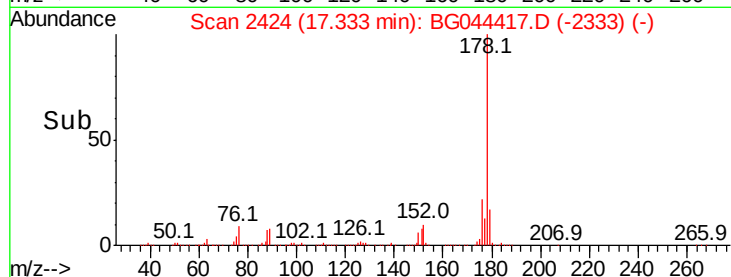
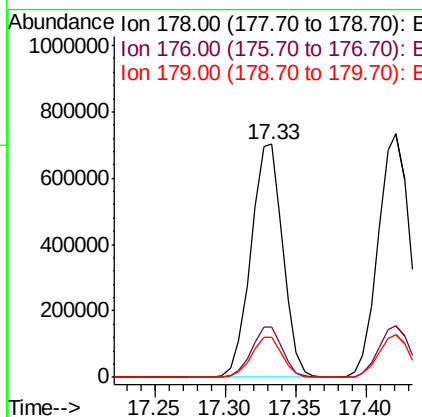
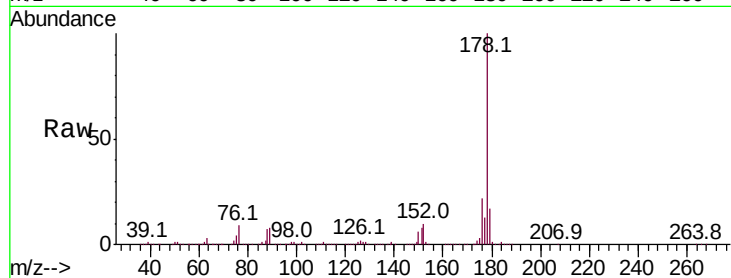
#71
Phenanthrene
Concen: 47.262 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.7	26.5
179	17.2	13.7	20.5

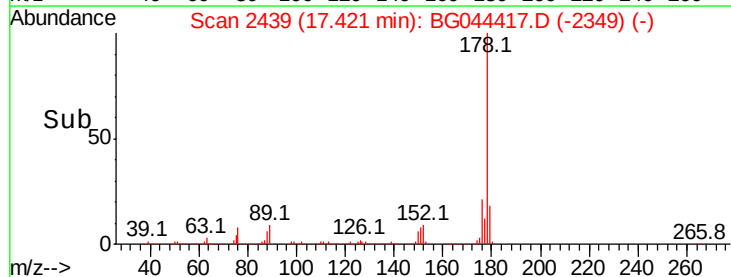
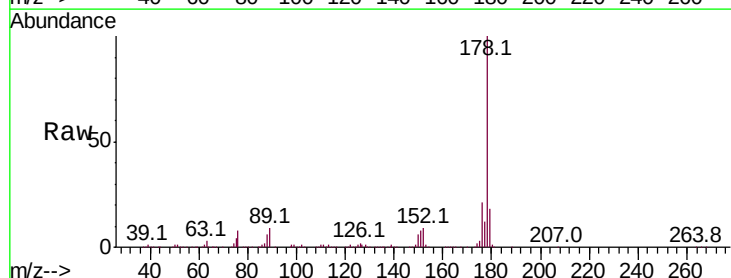
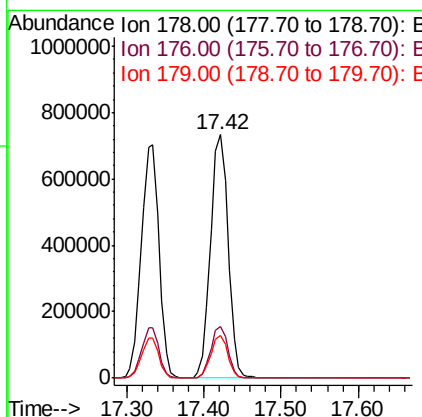
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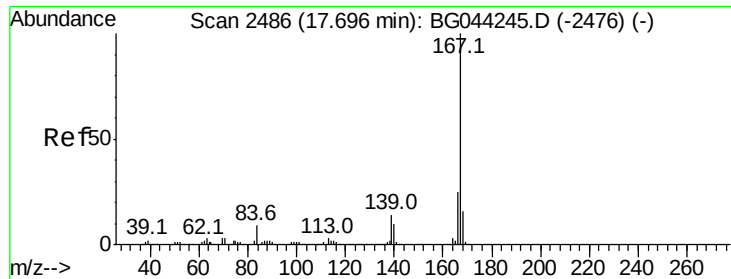
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#72
Anthracene
Concen: 49.329 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.0	25.4
179	17.6	14.4	21.6





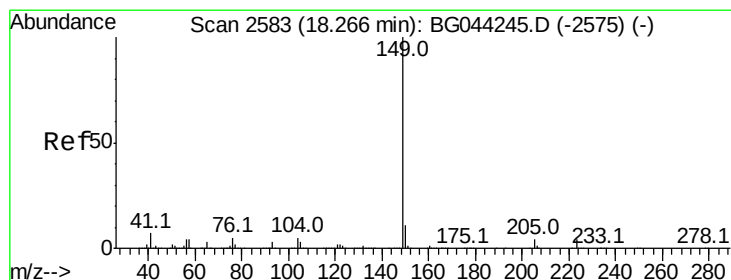
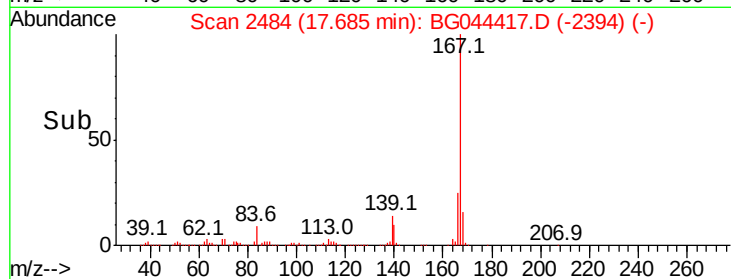
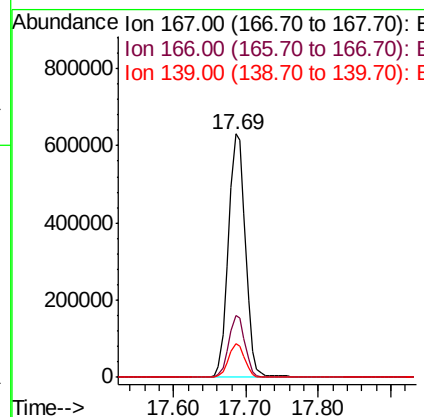
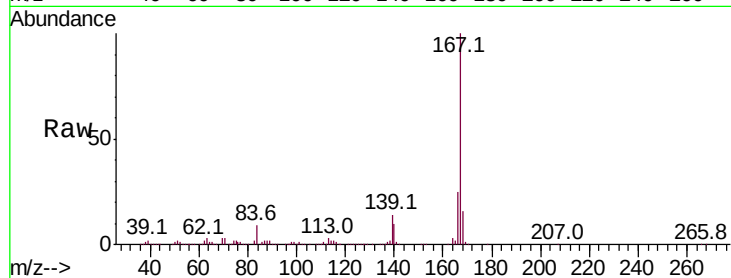
#73
 Carbazole
 Concen: 48.083 ng
 RT: 17.69 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	19.8	29.6
139	13.9	11.1	16.7

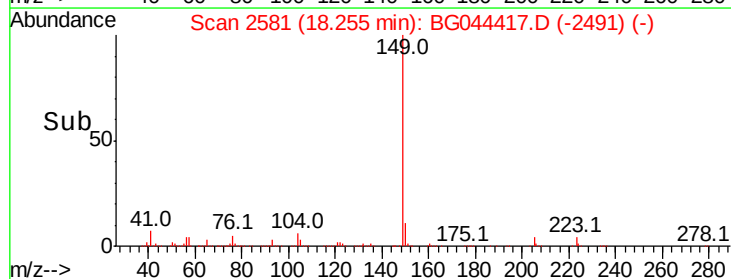
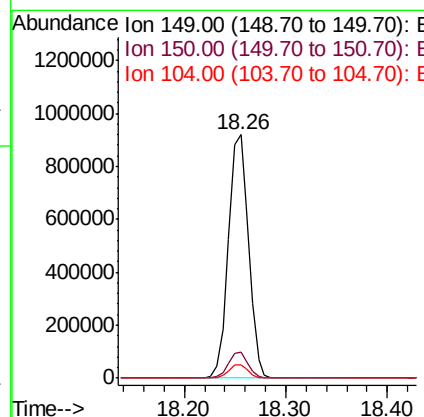
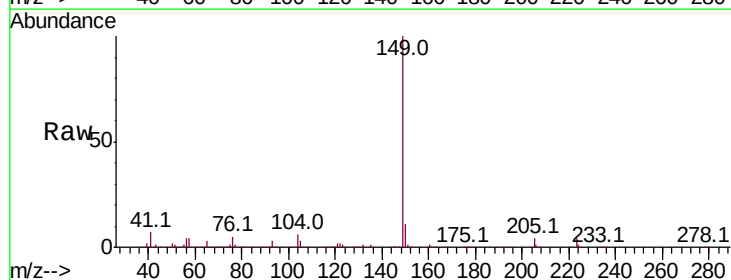
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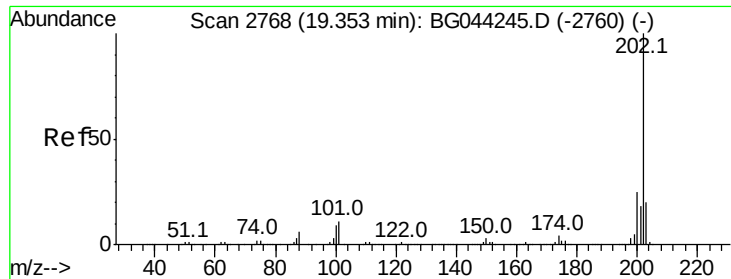
mohammad
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#74
 Di-n-butylphthalate
 Concen: 47.647 ng
 RT: 18.26 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 47.882 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

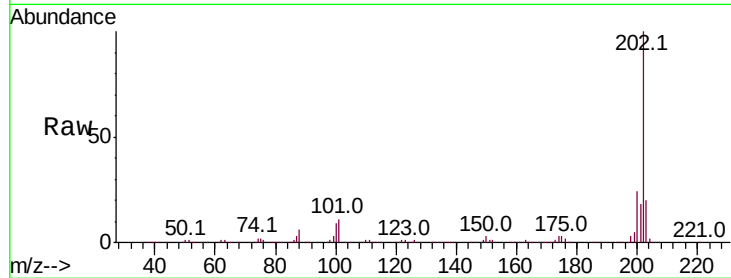
ClientSampleId :

SB-2I-(13.5-15.5)MSD

Tot Ion:	202	Resp:	1306540
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.3
203	19.9	0.0	39.9

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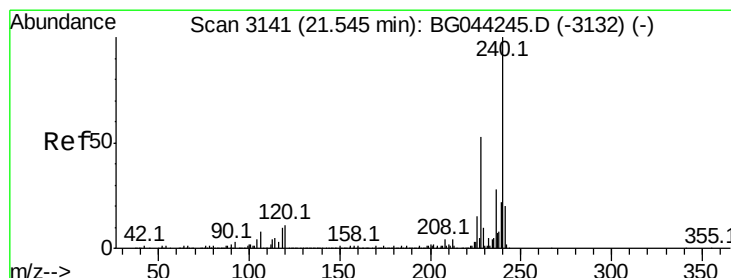
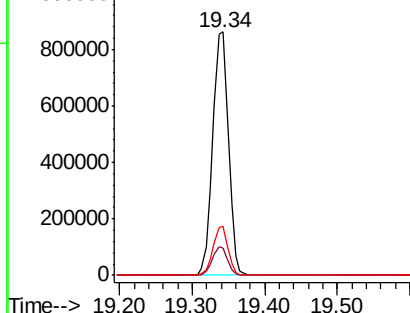
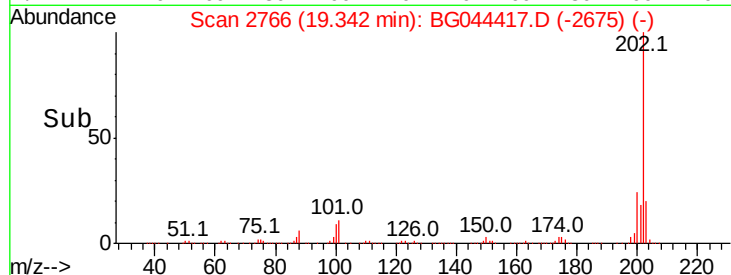


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

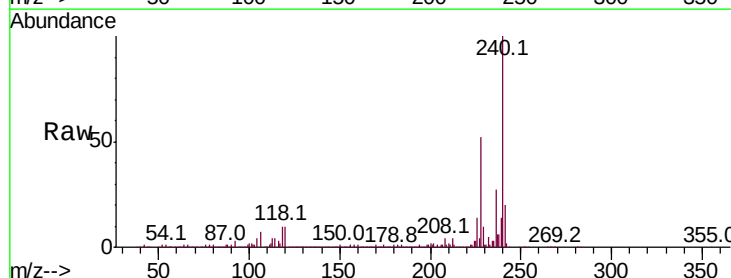
RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Tgt Ion:	240	Resp:	454953
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	26.8	22.1	33.1

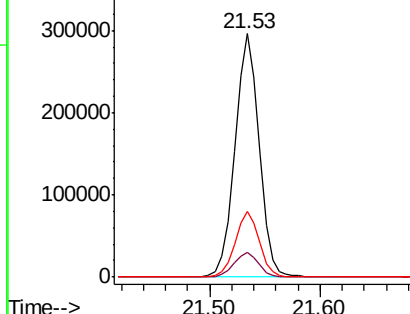
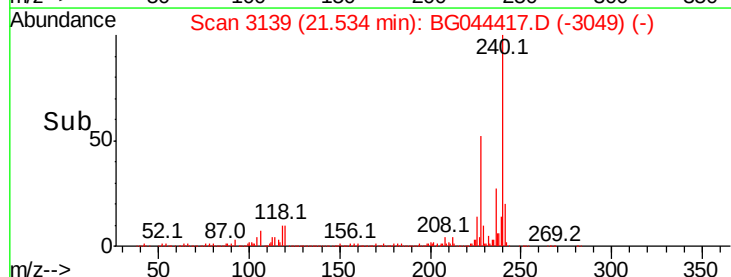


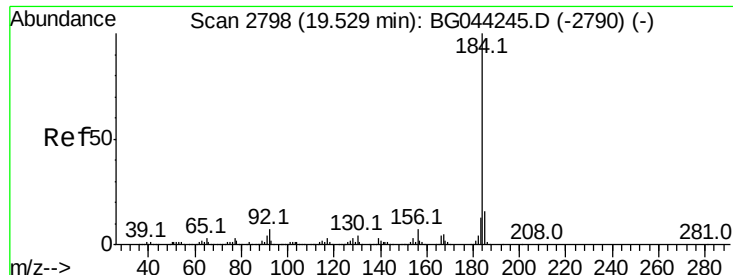
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.996 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

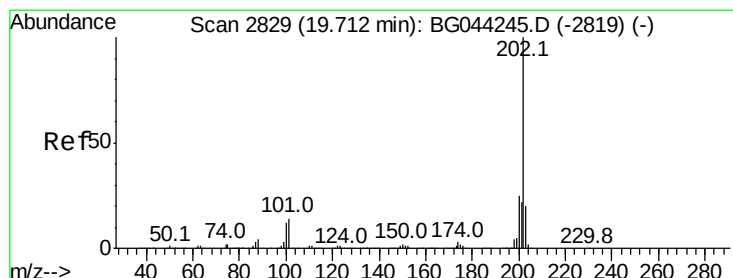
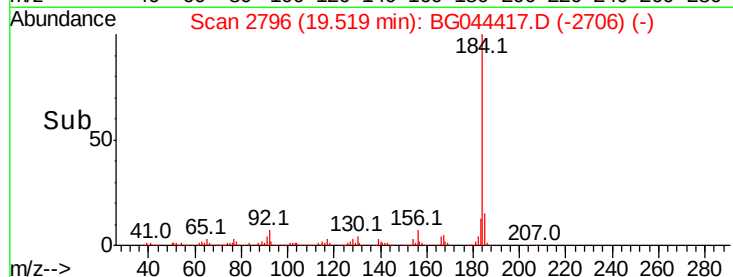
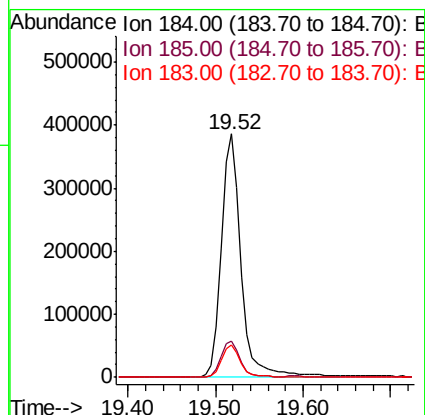
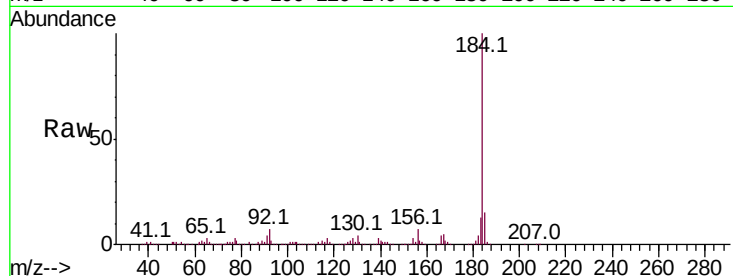
ClientSampleId :

SB-2I-(13.5-15.5)MSD

Tot Ion:184	Resp: 605676
Ion Ratio	Lower Upper
184 100	
185 14.8	12.9 19.3
183 13.4	10.8 16.2

Manual Integrations
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#78

Pyrene

Concen: 44.945 ng

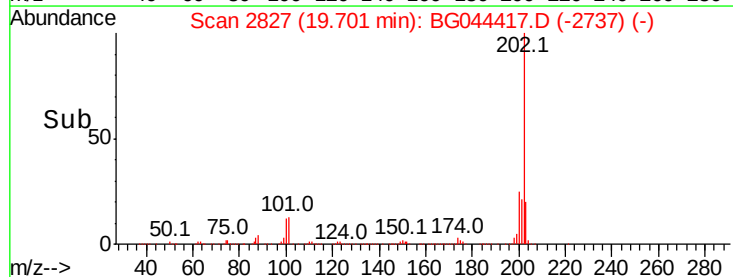
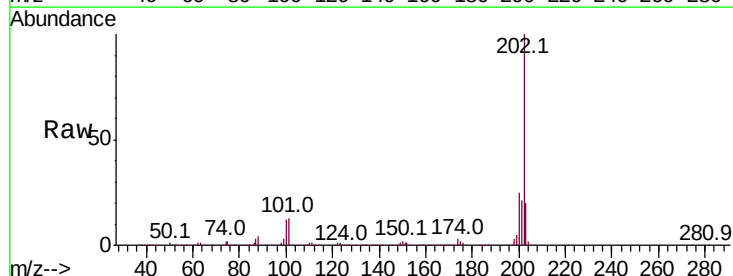
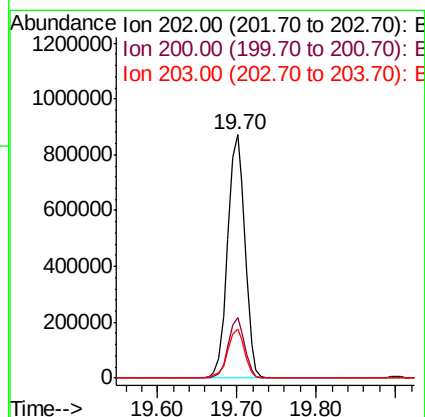
RT: 19.70 min Scan# 2827

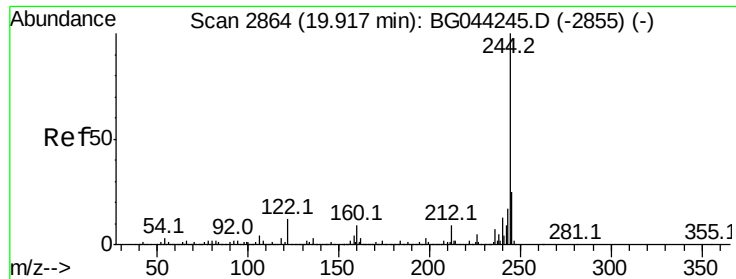
Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Tgt Ion:202	Resp: 1313162
Ion Ratio	Lower Upper
202 100	
200 24.8	20.0 30.0
203 20.3	16.2 24.2





#79

Terphenyl-d14

Concen: 79.533 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

ClientSampleId :

SB-2I-(13.5-15.5)MSD

Tot Ion:244 Resp: 1759162

Ion Ratio Lower Upper

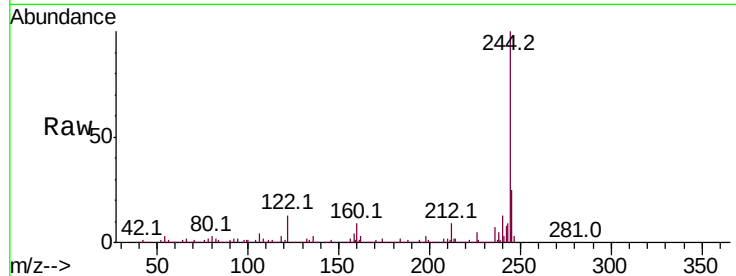
244 100

212 9.3 7.4 11.2

122 12.6 9.8 14.6

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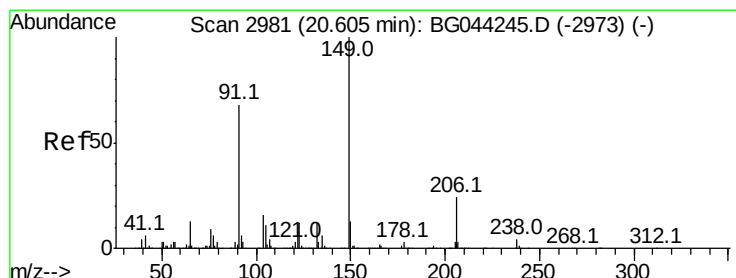
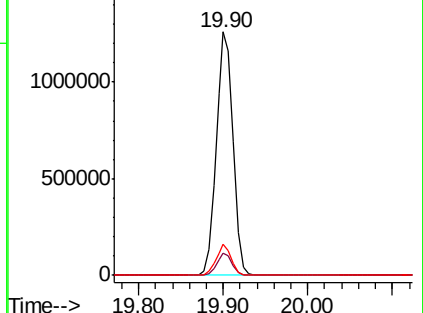
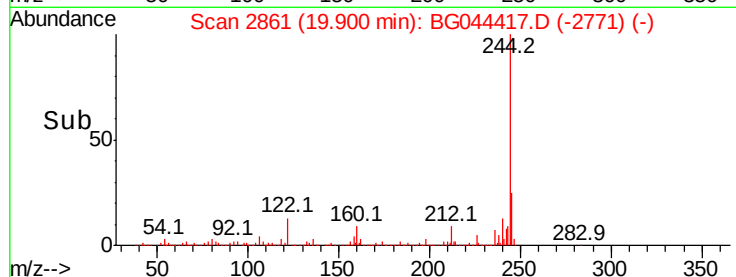
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.359 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

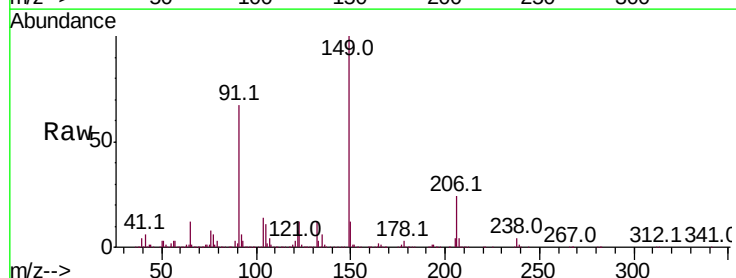
Tgt Ion:149 Resp: 577307

Ion Ratio Lower Upper

149 100

91 67.0 54.5 81.7

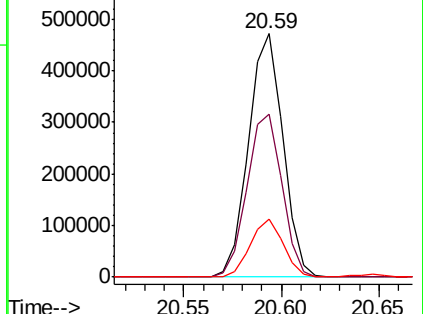
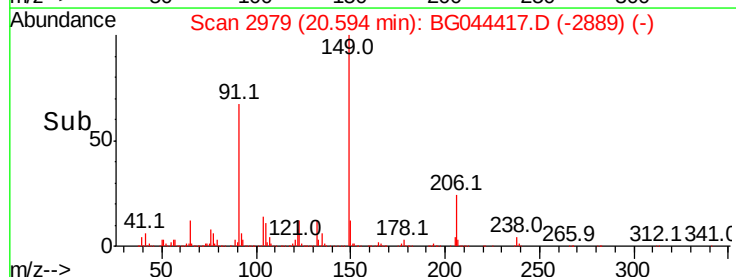
206 23.8 19.1 28.7

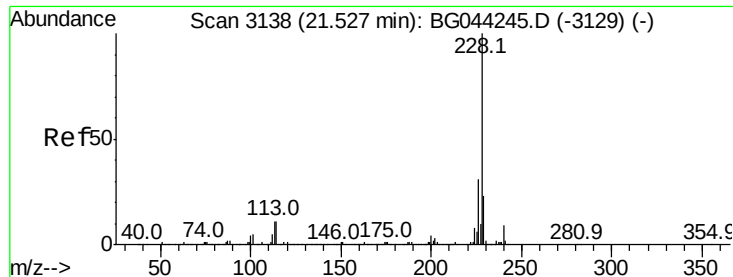


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





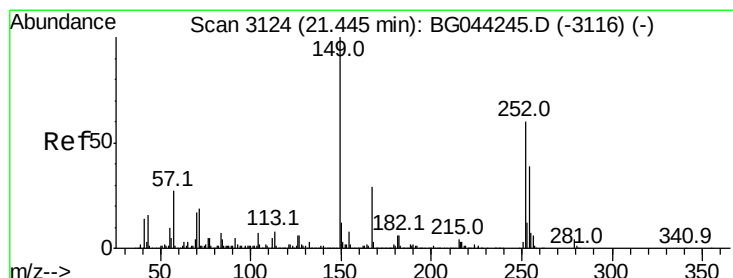
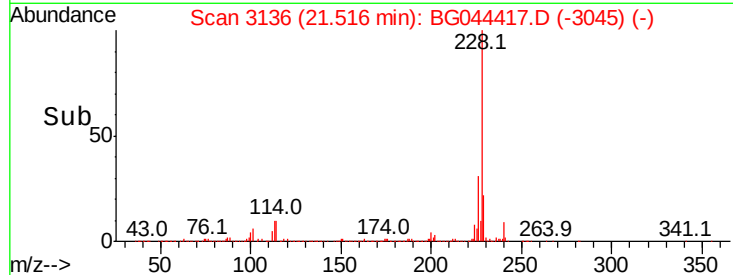
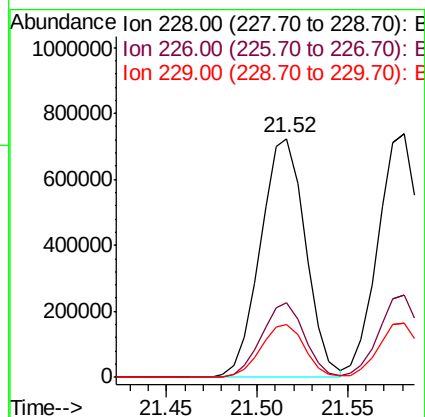
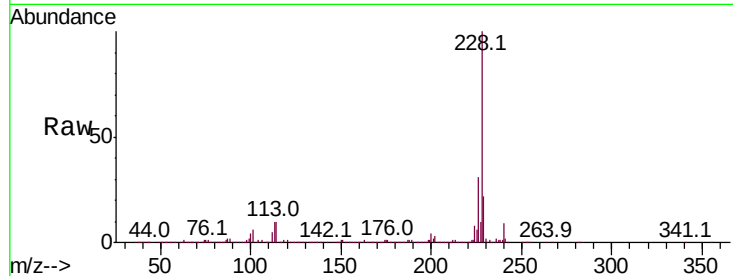
#81
Benzo(a)anthracene
Concen: 44.660 ng
RT: 21.52 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	22.2	18.2	27.4

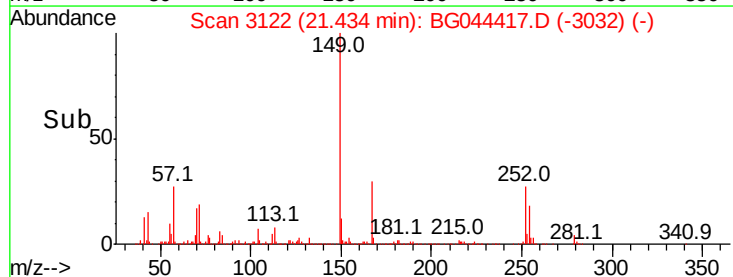
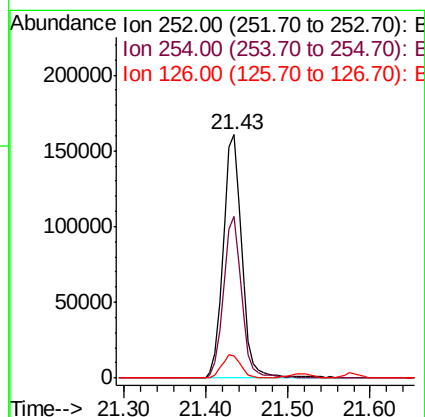
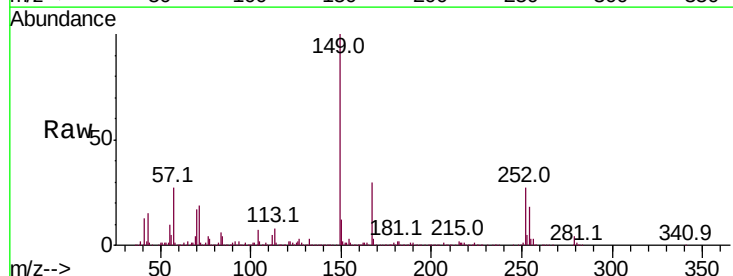
Manual Integrations
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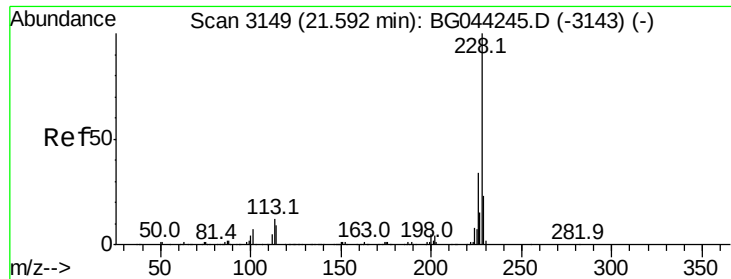
mohammad
2/13/2020 3:33:59 PM



#82
3,3'-Dichlorobenzidine
Concen: 23.553 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.6	52.6	78.8
126	9.3	8.2	12.4





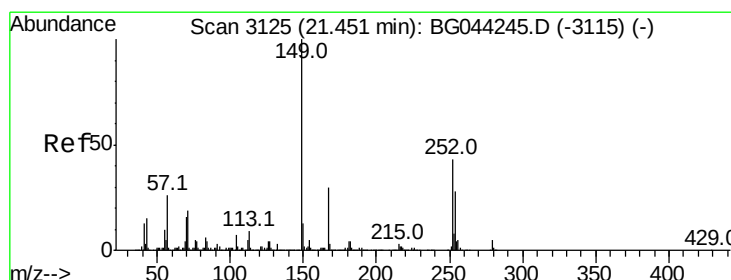
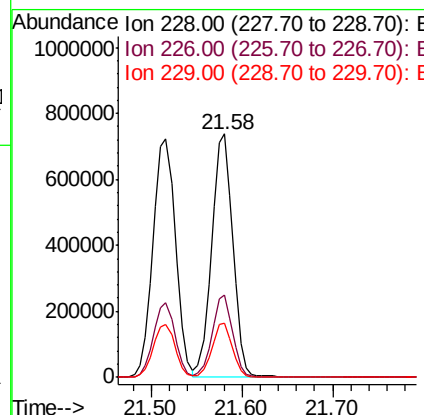
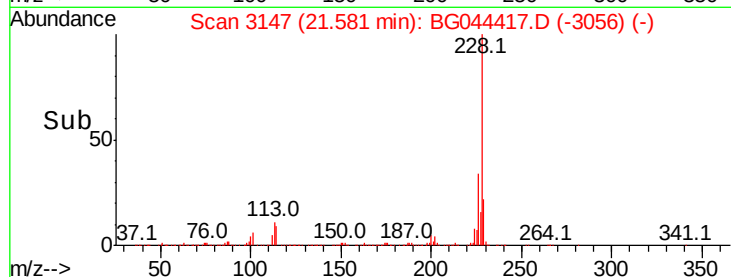
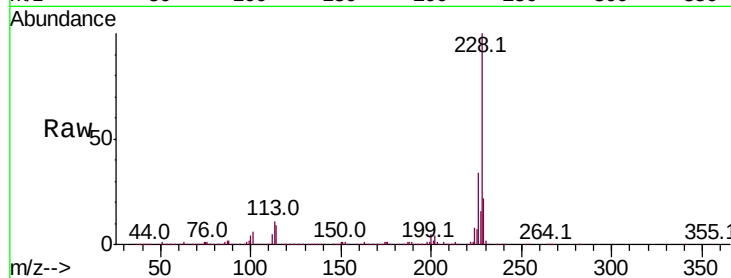
#83
 Chrysene
 Concen: 44.154 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	27.1	40.7
229	22.4	17.9	26.9

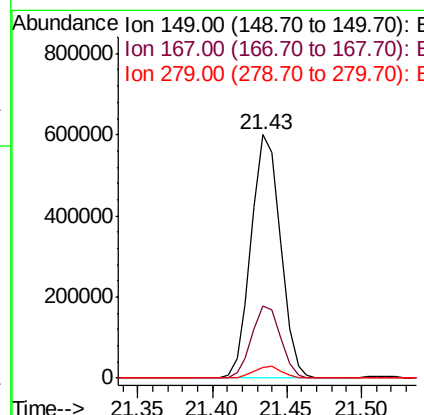
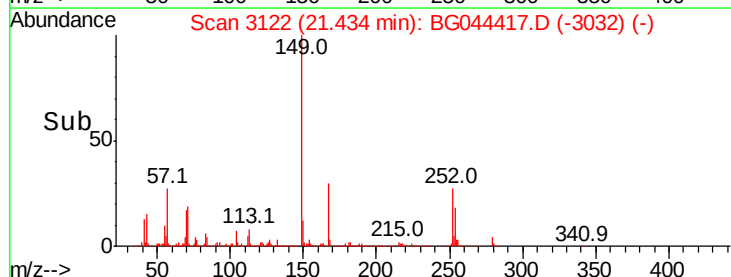
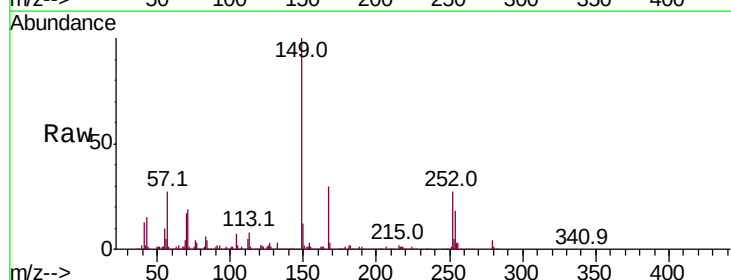
Manual Integrations
 APPROVED

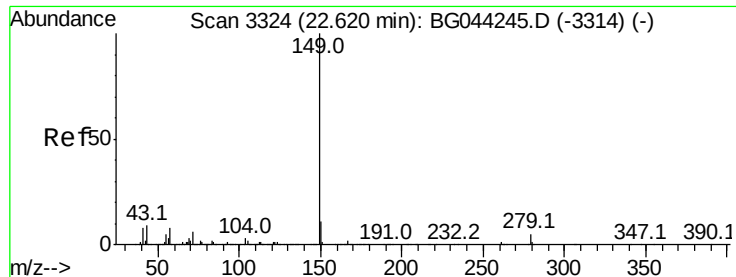
mohammad
 2/13/2020 3:33:59 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.468 ng
 RT: 21.43 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG044417.D
 Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.0	36.0
279	4.5	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 44.984 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Instrument :

BNA_G

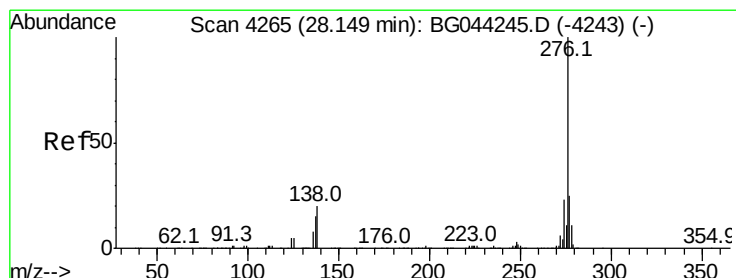
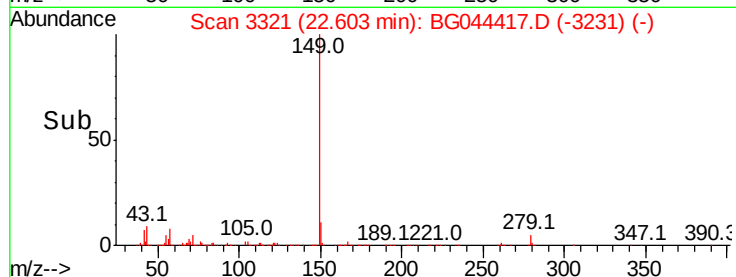
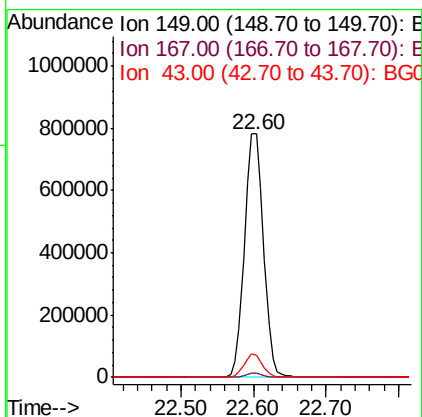
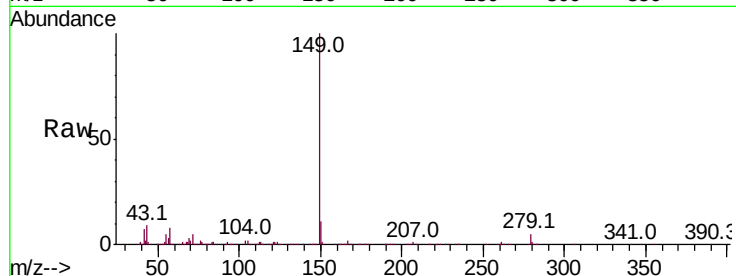
ClientSampleId :

SB-2I-(13.5-15.5)MSD

Tot Ion:	149	Resp:	1426387
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.1	7.4	11.0

Manual Integrations
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mohammad
2/13/2020 3:33:59 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.033 ng

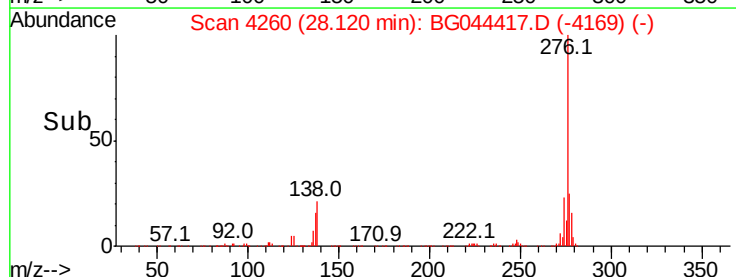
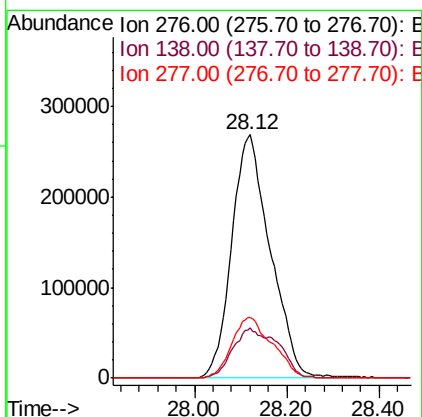
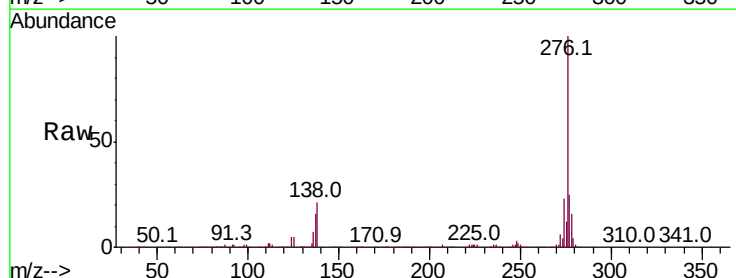
RT: 28.12 min Scan# 4260

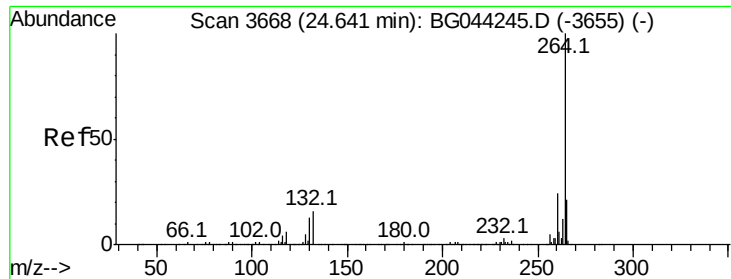
Delta R.T. 0.00 min

Lab File: BG044417.D

Acq: 12 Feb 2020 20:27

Tgt Ion:	276	Resp:	1556983
Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.0
277	26.2	21.0	31.6





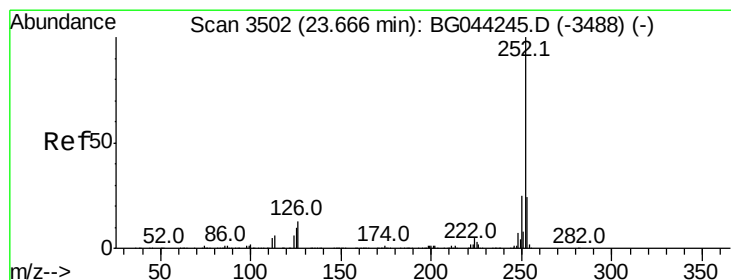
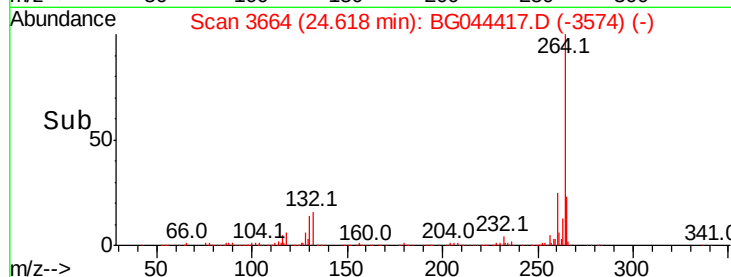
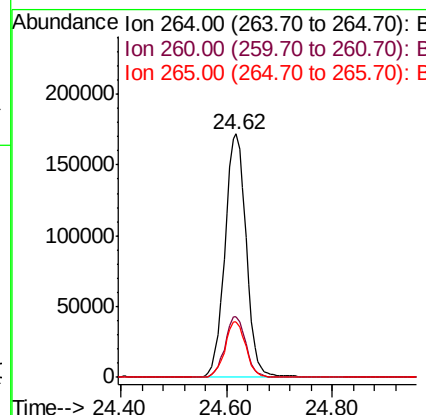
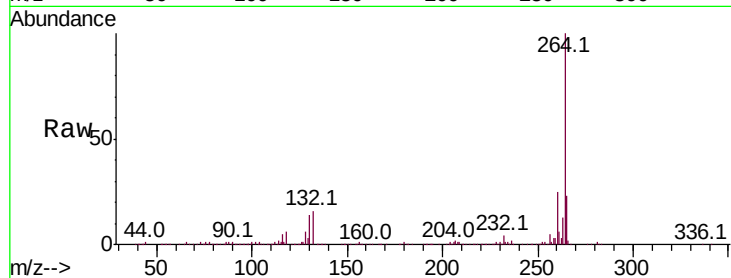
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.5	16.7	25.1

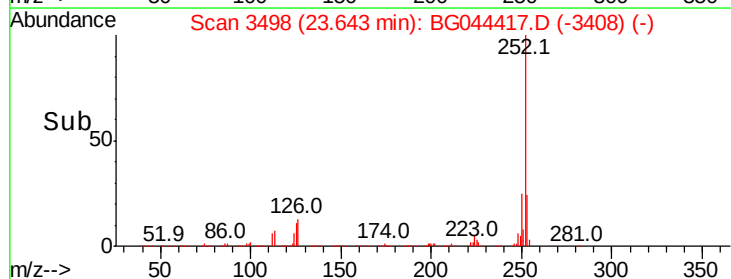
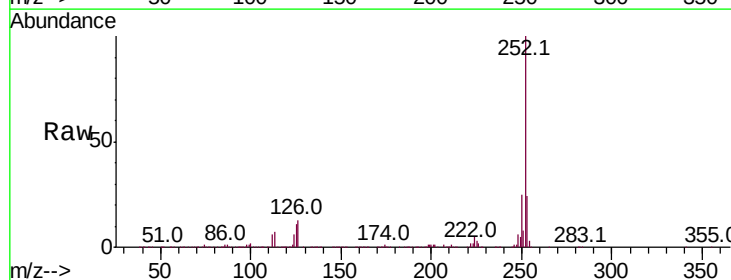
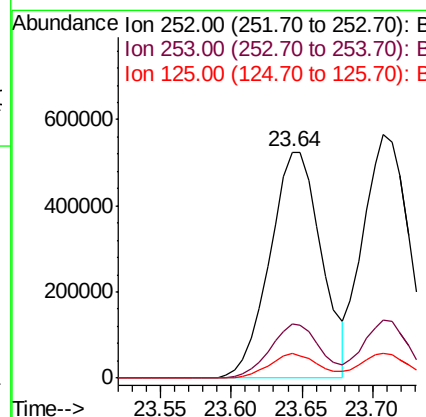
Manual Integrations
APPROVED

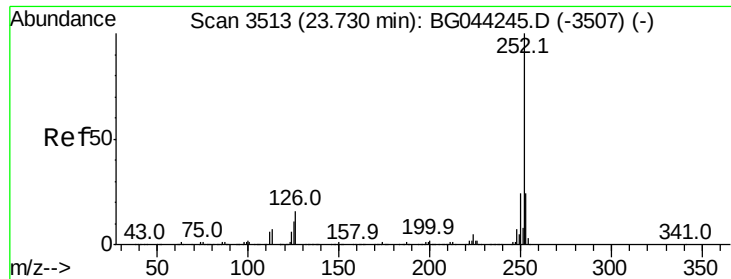
mohammad
2/13/2020 3:33:59 PM



#88
Benzo(b)fluoranthene
Concen: 48.262 ng
RT: 23.64 min Scan# 3498
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	10.9	8.4	12.6





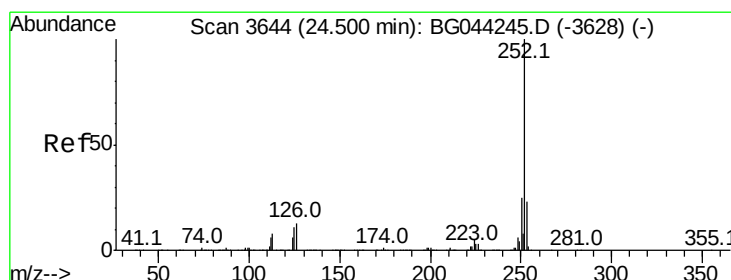
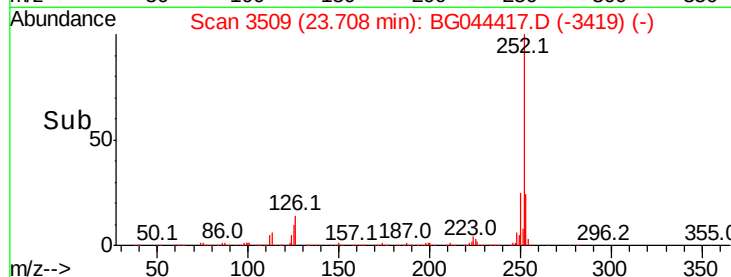
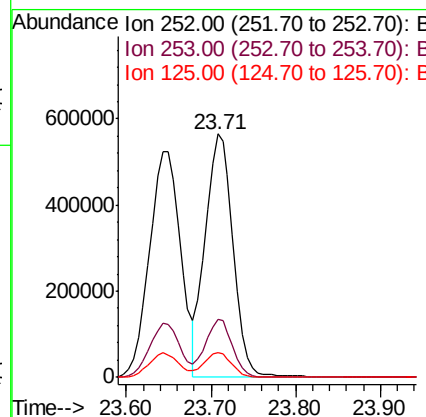
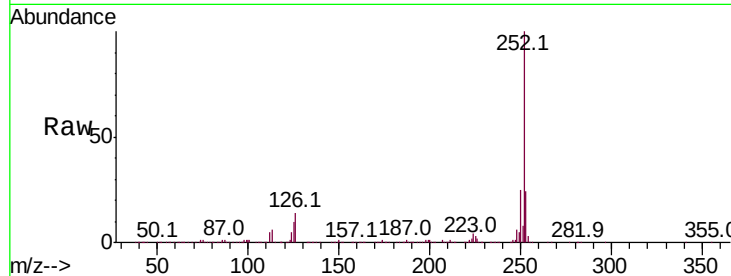
#89
Benzo(k)fluoranthene
Concen: 47.773 ng
RT: 23.71 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	10.0	8.6	12.8

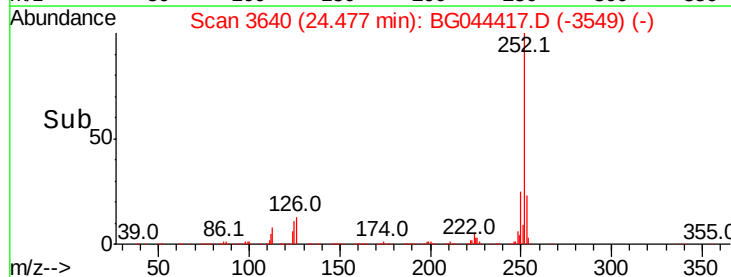
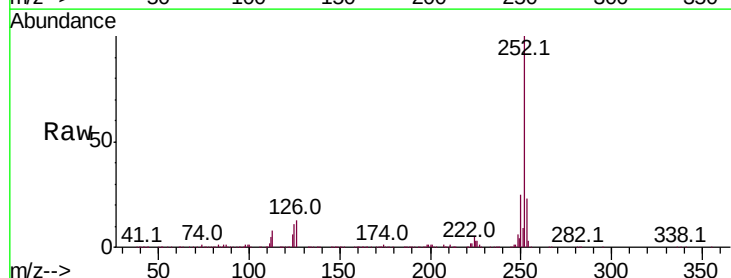
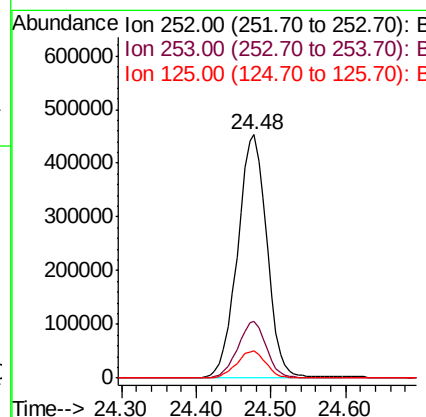
Manual Integrations
APPROVED

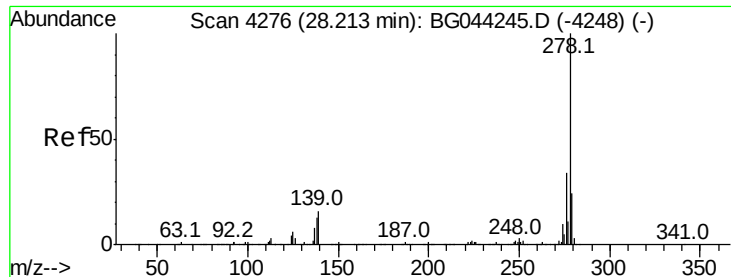
mohammad
2/13/2020 3:33:59 PM



#90
Benzo(a)pyrene
Concen: 47.216 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.2	8.6	13.0





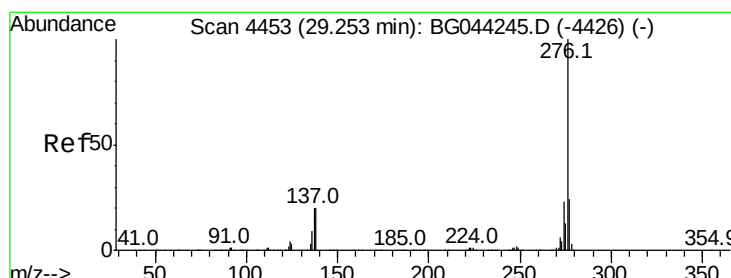
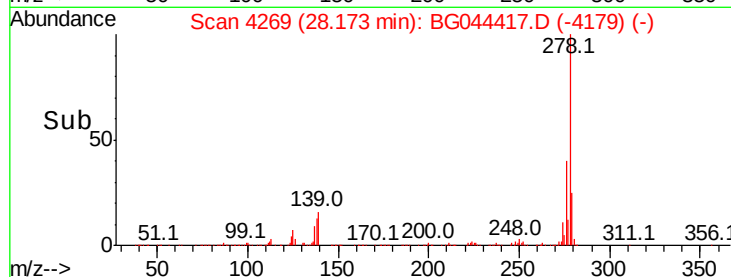
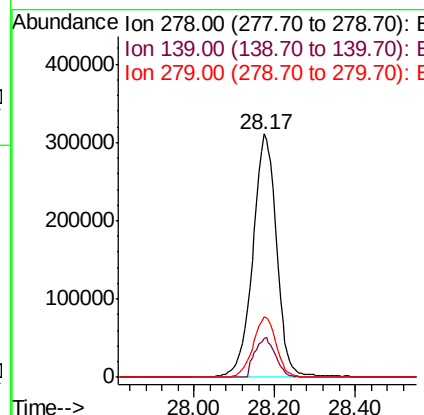
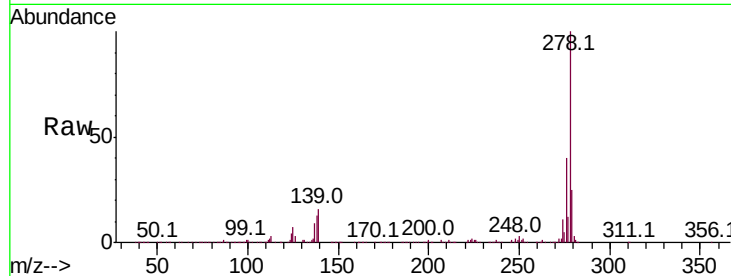
#91
Dibenzo(a,h)anthracene
Concen: 49.396 ng
RT: 28.17 min Scan# 4269
Delta R.T. -0.00 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	25.1	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/13/2020 3:33:59 PM



#92
Benzo(g,h,i)perylene
Concen: 50.174 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044417.D
Acq: 12 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	20.8	16.2	24.2

