

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044651.D
 Acq On : 3 Mar 2020 4:22
 Operator : CG/JU
 Sample : PB127195BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Manual Integrations
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mohammad
 3/3/2020 12:28:37 PM

Quant Time: Mar 03 09:34:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	61387m	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	279676	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	194133	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	435330	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	394426	20.00	ng	-0.07
87) Perylene-d12	24.46	264	451888	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	257259	67.24	ng	-0.07
7) Phenol-d6	6.98	99	237502	45.35	ng	-0.07
23) Nitrobenzene-d5	8.96	82	463863	85.45	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	247287	89.84	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	1104019	81.44	ng	-0.06
79) Terphenyl-d14	19.83	244	1790093	85.92	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	27873	16.695	ng	98
4) n-Nitrosodimethylamine	3.55	42	36920	20.867	ng	94
6) Aniline	7.13	93	5244m	0.822	ng	
8) 2-Chlorophenol	7.37	128	220402	52.772	ng	97
9) Benzaldehyde	6.94	77	89761	29.148	ng	98
10) Phenol	7.01	94	133287	26.263	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	212611	49.833	ng	96
12) 1,3-Dichlorobenzene	7.69	146	199454	40.040	ng	97
13) 1,4-Dichlorobenzene	7.84	146	203492	40.648	ng	99
14) 1,2-Dichlorobenzene	8.16	146	195860	41.140	ng	98
15) Benzyl Alcohol	8.05	79	122066	34.560	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.34	45	274474	47.869	ng	100
17) 2-Methylphenol	8.26	107	173950	47.978	ng	97
18) Hexachloroethane	8.89	117	69585	38.033	ng	99
19) n-Nitroso-di-n-propylamine	8.62	70	173225	51.458	ng	98
20) 3+4-Methylphenols	8.59	107	220803	44.483	ng	98
22) Acetophenone	8.63	105	331672	47.235	ng	98
24) Nitrobenzene	9.00	77	243287	46.257	ng	98
25) Isophorone	9.53	82	487497	48.003	ng	99
26) 2-Nitrophenol	9.72	139	136363	47.808	ng	97
27) 2,4-Dimethylphenol	9.79	122	219539	54.818	ng	99
28) bis(2-Chloroethoxy)methane	10.01	93	300875	44.801	ng	100
29) 2,4-Dichlorophenol	10.26	162	238167	49.742	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	217771	39.327	ng	99
31) Naphthalene	10.66	128	660519	43.282	ng	100
32) Benzoic acid	9.94	122	30476	30.448	ng	96
33) 4-Chloroaniline	10.77	127	20374	3.031	ng	96
34) Hexachlorobutadiene	10.95	225	122396	35.197	ng	97
35) Caprolactam	11.60	113	12445m	7.261	ng	
36) 4-Chloro-3-methylphenol	11.90	107	252581	51.248	ng	97
37) 2-Methylnaphthalene	12.27	142	522404	46.318	ng	100
38) 1-Methylnaphthalene	12.49	142	495843	46.267	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	269796	41.282	ng	99
41) Hexachlorocyclopentadiene	12.63	237	262749	83.883	ng	100

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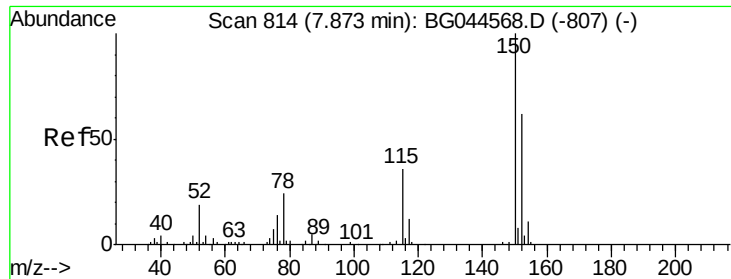
Manual Integrations
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Quant Time: Mar 03 09:34:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.89	196	197794	46.610	nq	99
44) 2,4,5-Trichlorophenol	12.96	196	212956	48.852	nq	97
46) 1,1'-Biphenyl	13.29	154	685957	42.698	nq	98
47) 2-Chloronaphthalene	13.33	162	532344	42.257	nq	99
48) 2-Nitroaniline	13.53	65	159945	45.738	nq	93
49) Acenaphthylene	14.17	152	846502	45.521	nq	100
50) Dimethylphthalate	13.92	163	709227	45.263	nq	100
51) 2,6-Dinitrotoluene	14.03	165	163633	47.351	nq	96
52) Acenaphthene	14.52	154	529125	44.637	nq	100
53) 3-Nitroaniline	14.36	138	60148	16.139	nq	99
54) 2,4-Dinitrophenol	14.57	184	194711	92.863	nq	97
55) Dibenzofuran	14.86	168	835926	45.999	nq	99
56) 4-Nitrophenol	14.69	139	150378	58.658	nq	98
57) 2,4-Dinitrotoluene	14.83	165	232050	47.762	nq	99
58) Fluorene	15.51	166	667894	46.353	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	200369	49.914	nq	99
60) Diethylphthalate	15.29	149	714876	46.046	nq	99
61) 4-Chlorophenyl-phenylether	15.50	204	357166	45.589	nq	99
62) 4-Nitroaniline	15.53	138	147803	39.606	nq	97
63) Azobenzene	15.80	77	630263	47.701	nq	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	148466	55.079	nq	99
66) n-Nitrosodiphenylamine	15.71	169	621278	45.752	nq	100
67) 4-Bromophenyl-phenylether	16.40	248	245791	45.486	nq	98
68) Hexachlorobenzene	16.52	284	272091	44.536	nq	97
69) Atrazine	16.67	200	231570	46.129	nq	99
70) Pentachlorophenol	16.87	266	280716	92.636	nq	97
71) Phenanthrene	17.25	178	1097519	45.538	nq	98
72) Anthracene	17.34	178	1126968	47.448	nq	97
73) Carbazole	17.61	167	1000448	46.275	nq	99
74) Di-n-butylphthalate	18.18	149	1210984	44.700	nq	98
75) Fluoranthene	19.26	202	1313120	46.024	nq	98
78) Pyrene	19.62	202	1321197	46.144	nq	96
80) Butylbenzylphthalate	20.51	149	557242	44.494	nq	96
81) Benzo(a)anthracene	21.42	228	1274688	45.982	nq	97
82) 3,3'-Dichlorobenzidine	21.34	252	251617	22.975	nq	97
83) Chrysene	21.48	228	1231432	45.944	nq	97
84) Bis(2-ethylhexyl)phthalate	21.35	149	795876	46.120	nq	98
85) Di-n-octyl phthalate	22.49	149	1392122	45.852	nq	98
86) Indeno(1,2,3-cd)pyrene	27.88	276	1613354	46.903	nq	99
88) Benzo(b)fluoranthene	23.50	252	1372686	46.202	nq	98
89) Benzo(k)fluoranthene	23.57	252	1353947	46.966	nq	100
90) Benzo(a)pyrene	24.32	252	1262171	45.215	nq	99
91) Dibenzo(a,h)anthracene	27.93	278	1326705	48.056	nq	99
92) Benzo(g,h,i)perylene	28.94	276	1361708	49.230	nq	98

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



#1

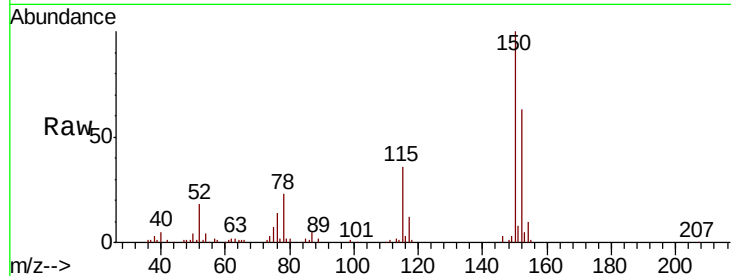
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.9	193.3
115	56.5	47.0	70.4

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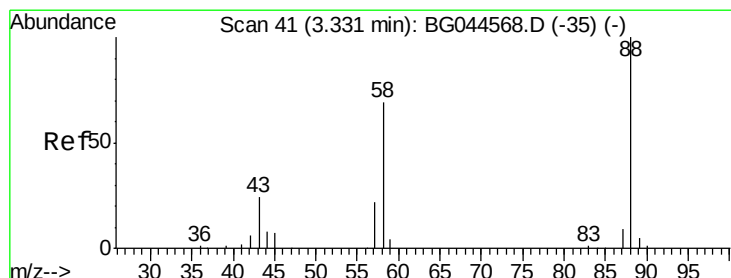
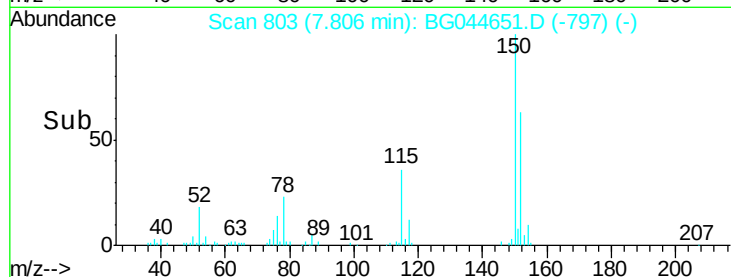
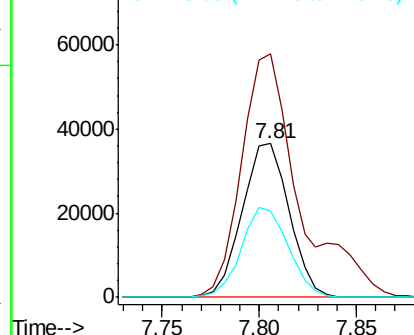


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

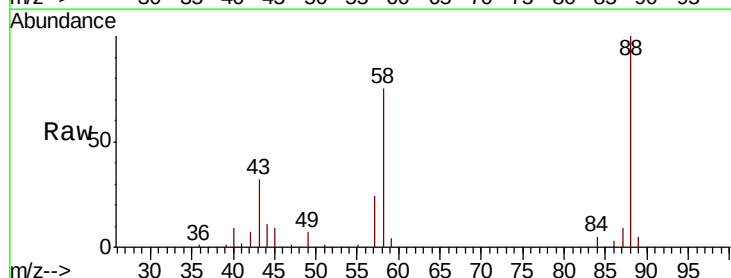
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 16.695 ng/ml
RT: 3.23 min Scan# 24
Delta R.T. -0.10 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	55.8	83.8
43	24.9	20.6	31.0

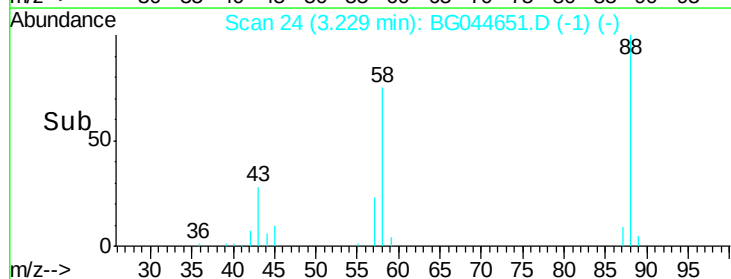
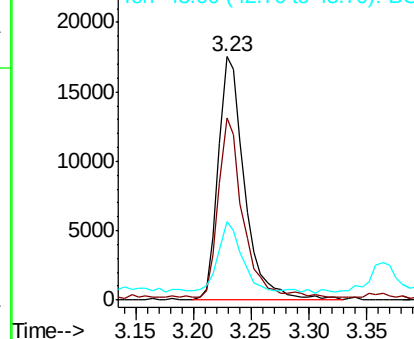


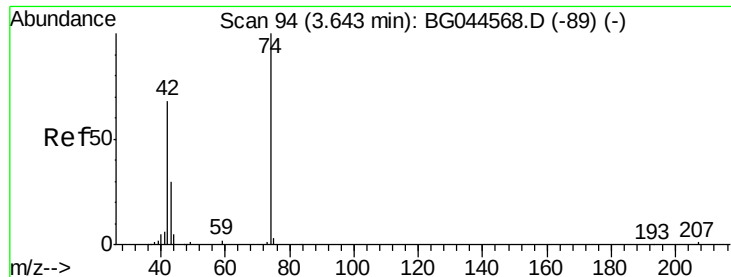
Abundance

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





#4

n-Nitrosodimethylamine

Concen: 20.867 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.09 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

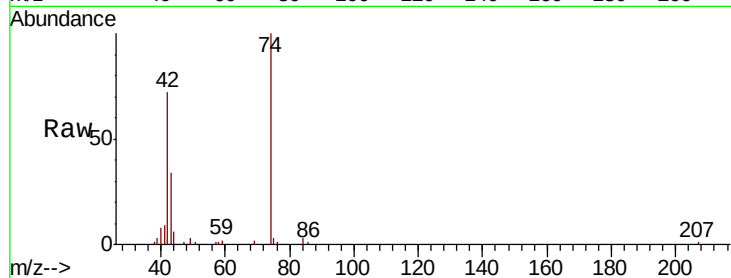
PB127195BSD

Tot Ion:	42	Resp:	36920
Ion	Ratio	Lower	Upper
42	100		
74	138.8	117.6	176.4
44	8.8	6.3	9.5

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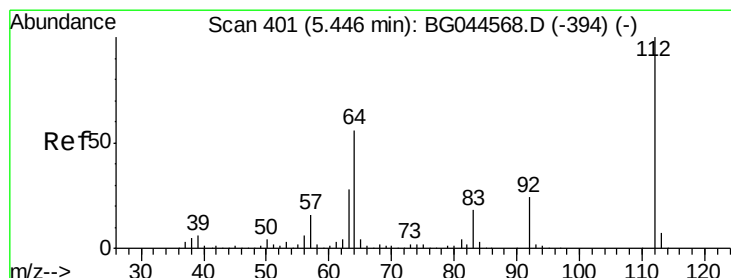
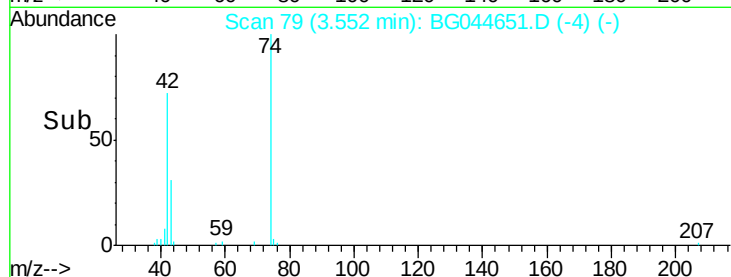
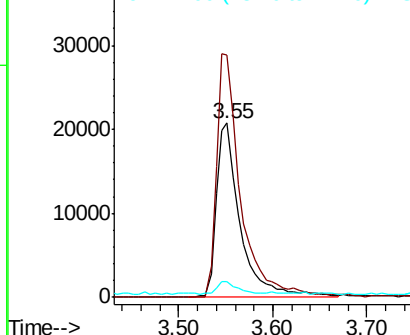


Abundance

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: 67.240 ng

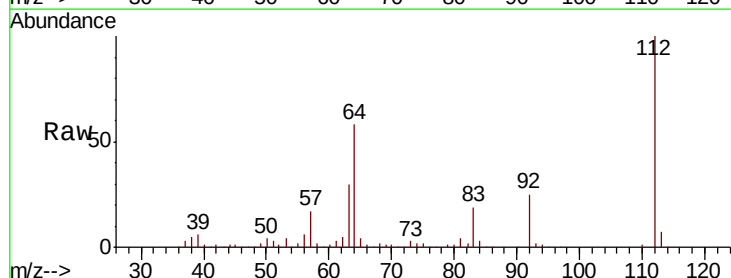
RT: 5.37 min Scan# 389

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Tgt Ion:	112	Resp:	257259
Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.8	67.2
63	29.9	22.3	33.5

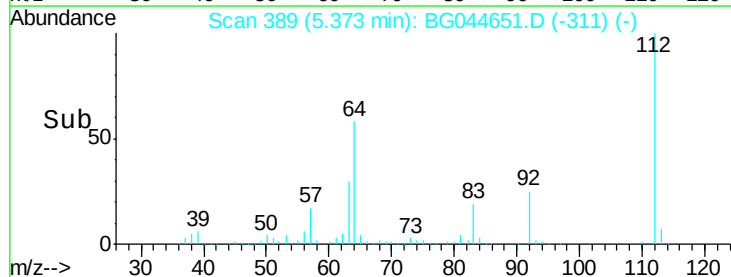
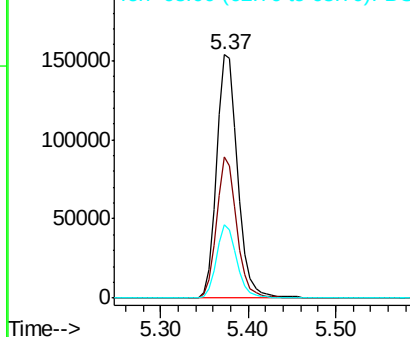


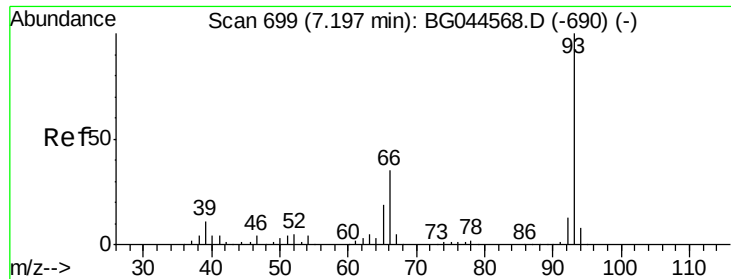
Abundance

Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

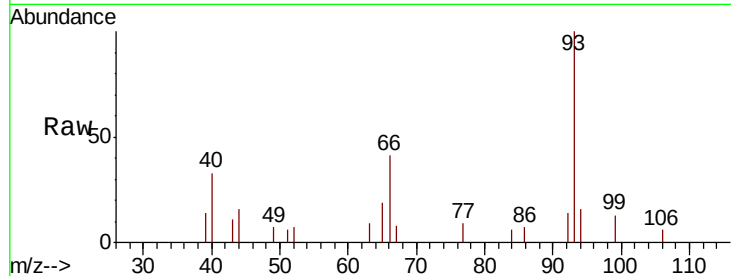
Concen: 0.822 ng/mL
 RT: 7.13 min Scan# 688
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

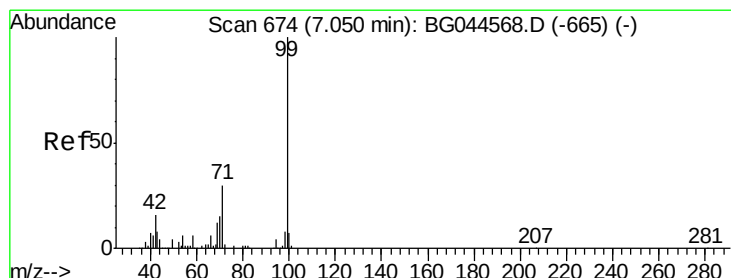
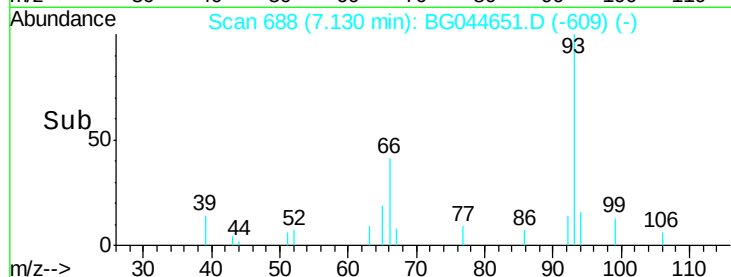
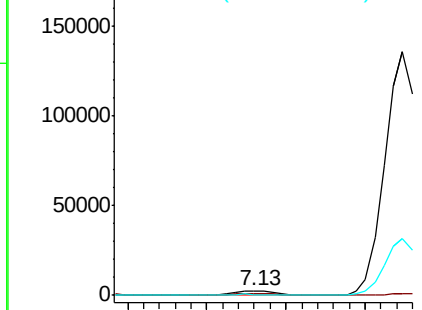
Tot Ion:	93	Resp:	5244
Ion	Ratio	Lower	Upper
93	100		
66	41.1	27.8	41.8
65	18.7	14.9	22.3

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Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 66.00 (65.70 to 66.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

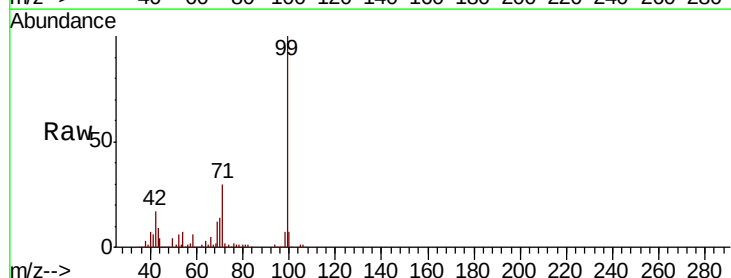


#7

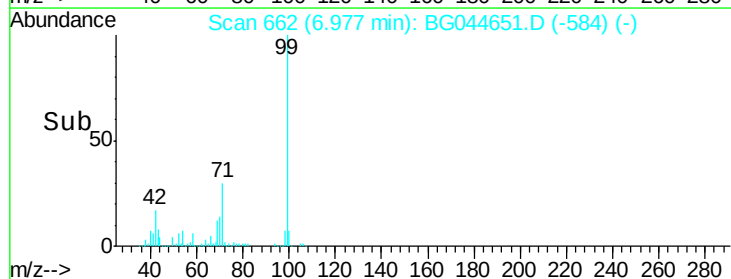
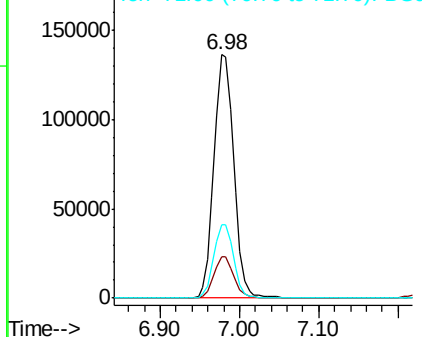
Phenol-d6

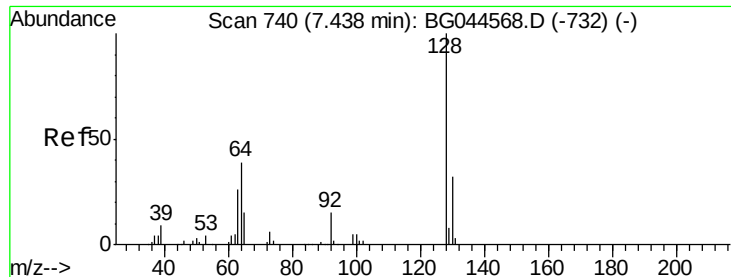
Concen: 45.350 ng/mL
 RT: 6.98 min Scan# 662
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:	99	Resp:	237502
Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.8	19.2
71	30.0	24.4	36.6



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





#8

2-Chlorophenol

Concen: 52.772 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

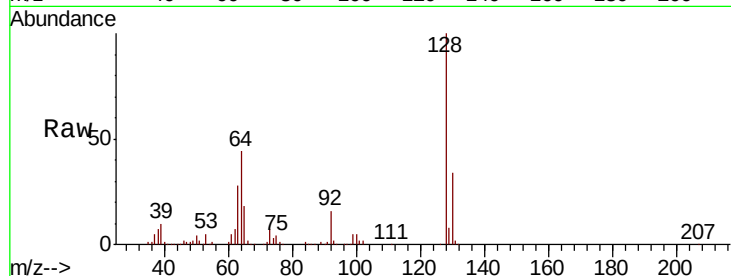
PB127195BSD

Tot Ion:	128	Resp:	220402
Ion Ratio	Lower	Upper	
128	100		
130	34.3	12.3	52.3
64	43.7	22.5	62.5

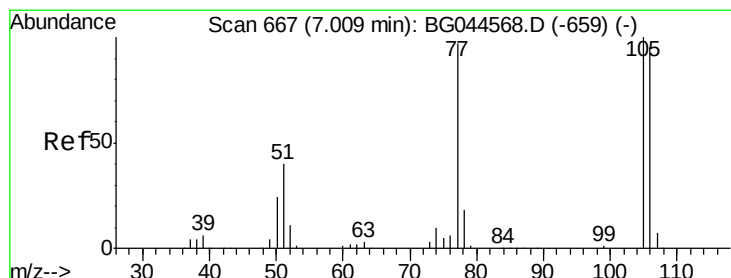
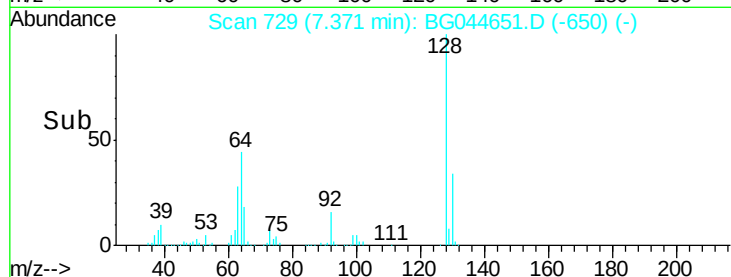
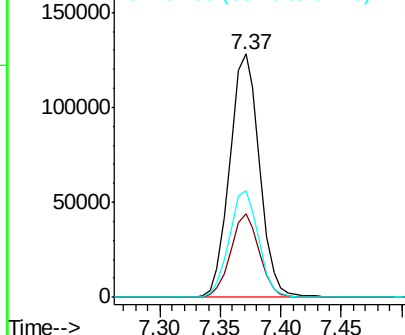
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Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 29.148 ng

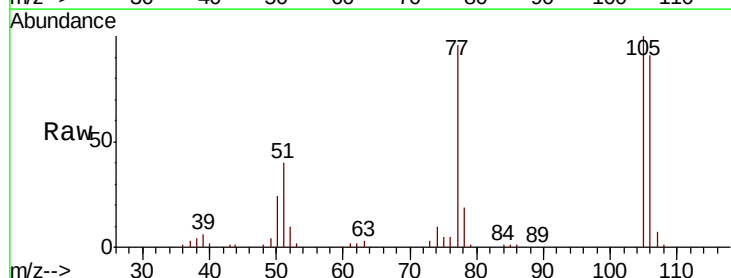
RT: 6.94 min Scan# 655

Delta R.T. -0.07 min

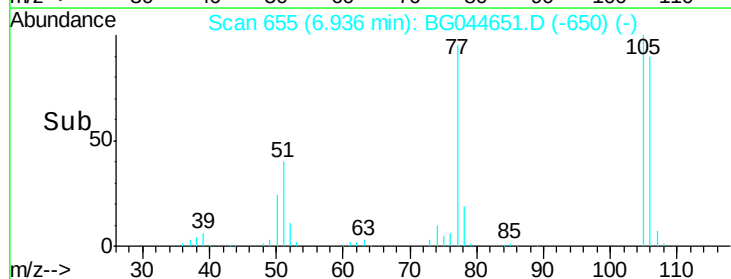
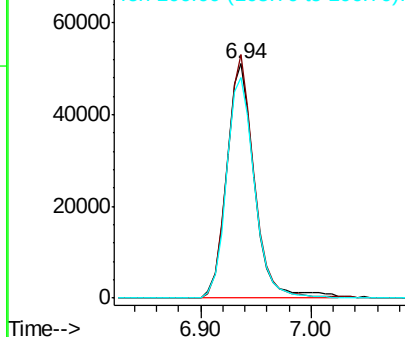
Lab File: BG044651.D

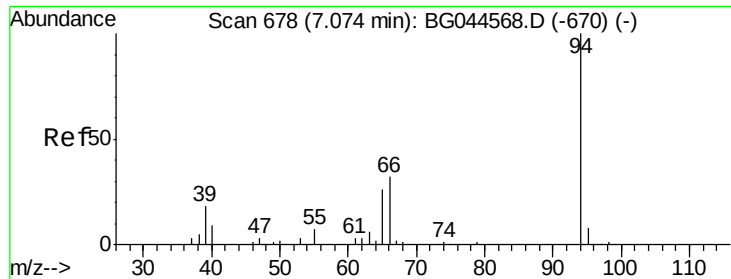
Acq: 3 Mar 2020 4:22

Tgt Ion:	77	Resp:	89761
Ion Ratio	Lower	Upper	
77	100		
105	104.0	83.6	123.6
106	94.2	78.2	118.2



Abundance Ion 77.00 (76.70 to 77.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 26.263 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampled :

PB127195BSD

Tot Ion: 94 Resp: 133287

Ion Ratio Lower Upper

94 100

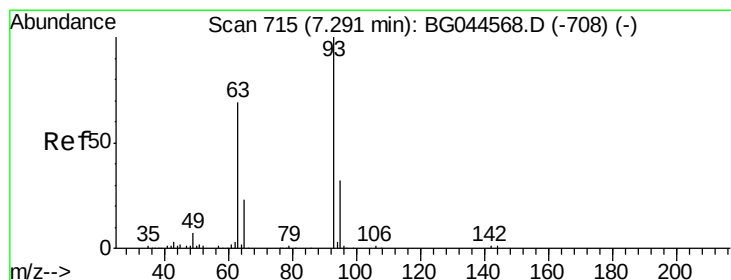
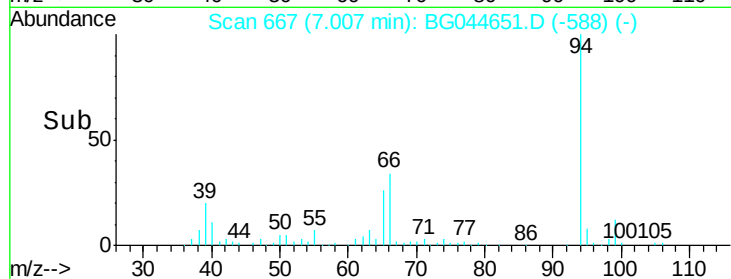
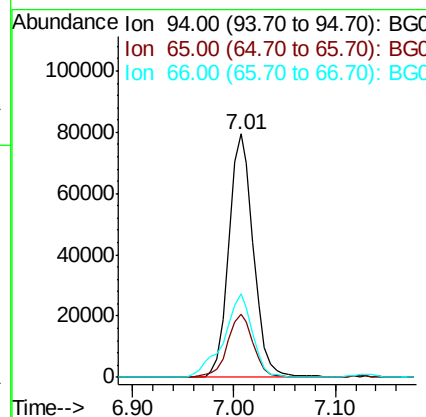
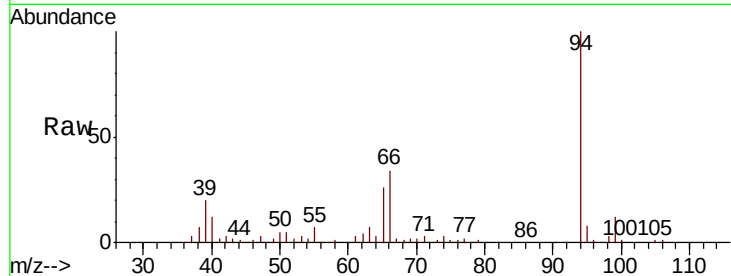
65 25.9 6.4 46.4

66 34.4 13.9 53.9

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#11

bis(2-Chloroethyl)ether

Concen: 49.833 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

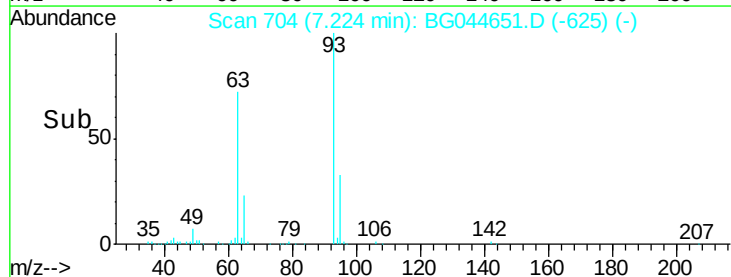
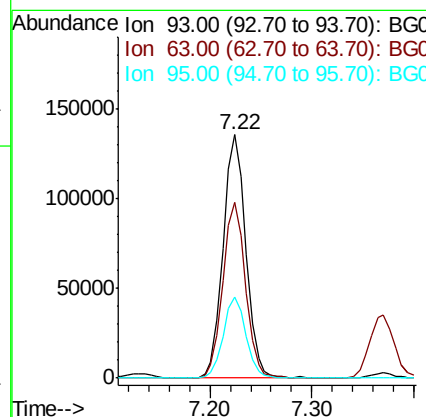
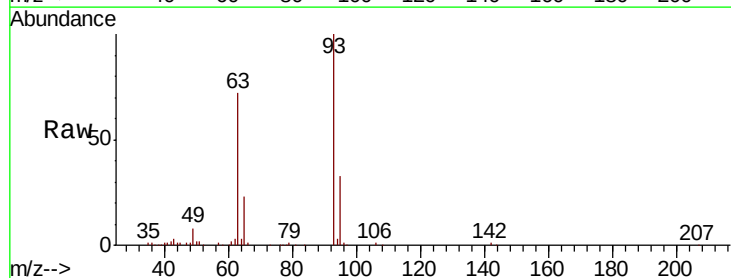
Tgt Ion: 93 Resp: 212611

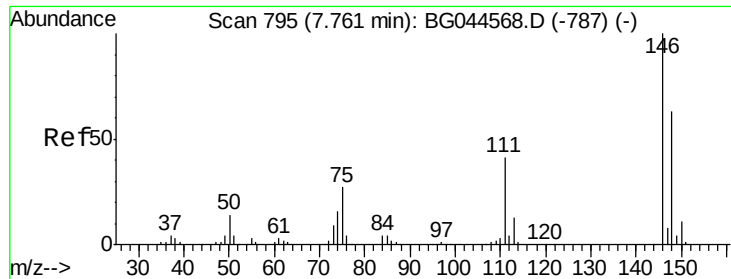
Ion Ratio Lower Upper

93 100

63 72.4 48.9 88.9

95 33.3 11.3 51.3





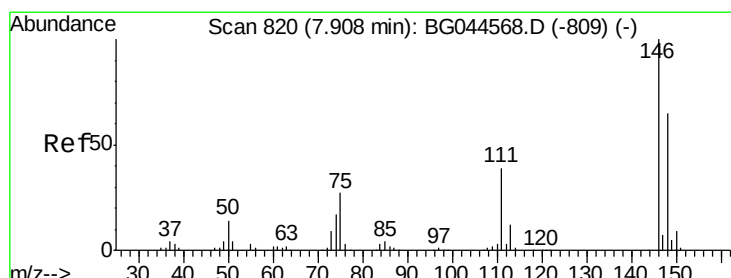
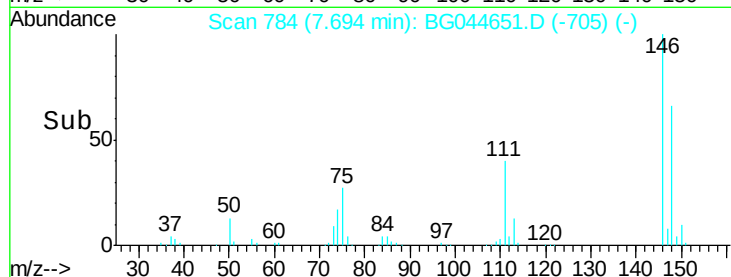
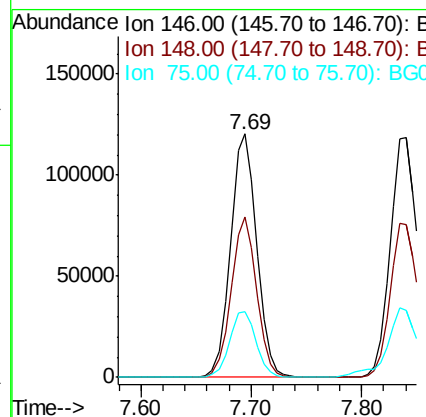
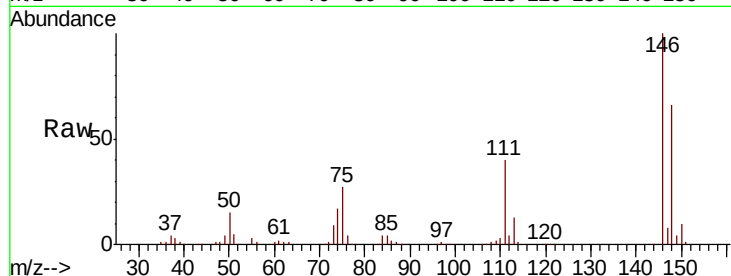
#12
 1,3-Dichlorobenzene
 Concen: 40.040 ng
 RT: 7.69 min Scan# 784
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.6	75.8
75	27.0	21.4	32.0

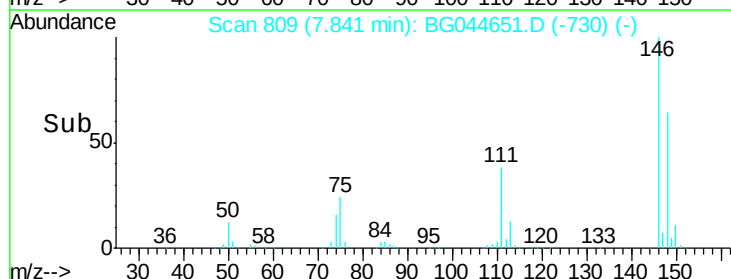
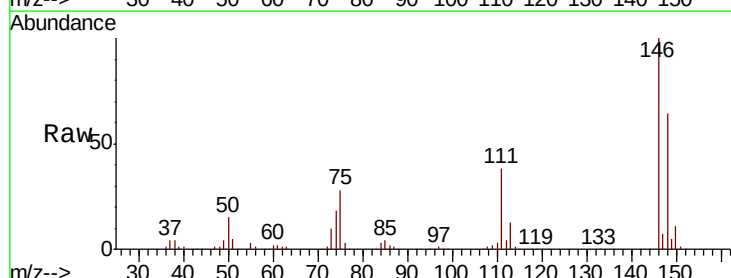
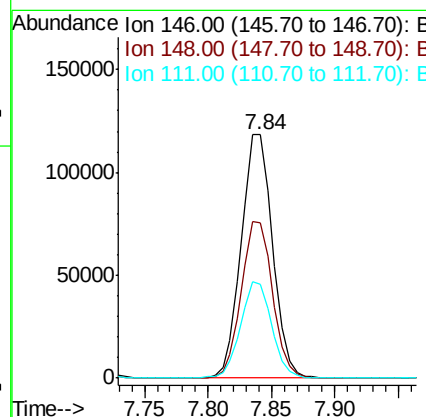
Manual Integrations
 APPROVED

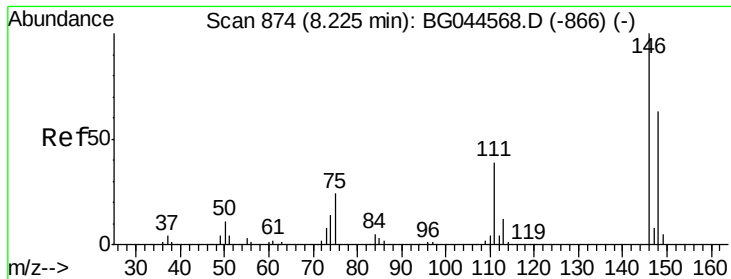
mohammad
 3/3/2020 12:28:37 PM



#13
 1,4-Dichlorobenzene
 Concen: 40.648 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	38.3	30.8	46.2





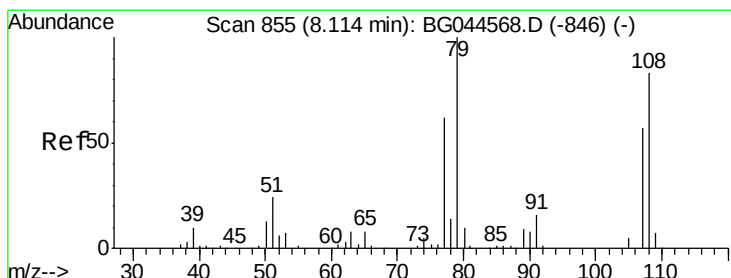
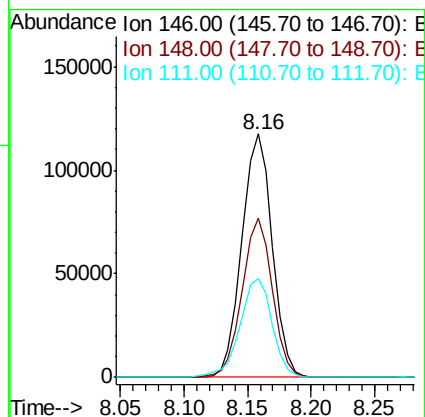
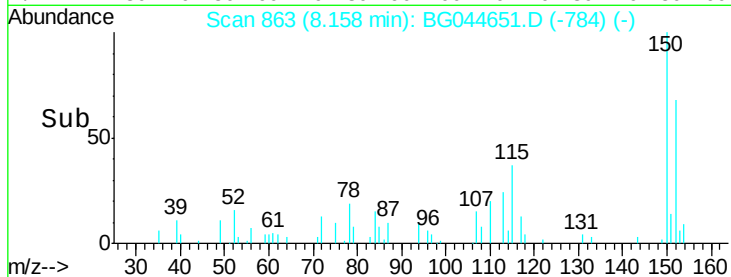
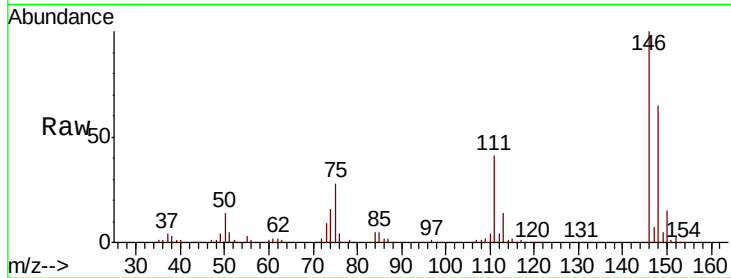
#14
1,2-Dichlorobenzene
Concen: 41.140 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.7	76.1
111	40.6	31.8	47.6

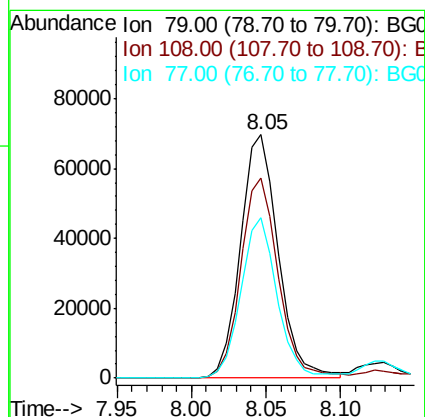
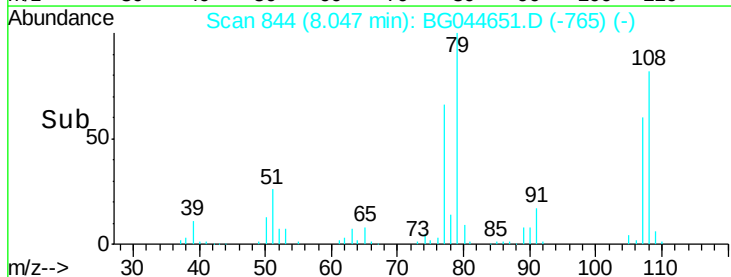
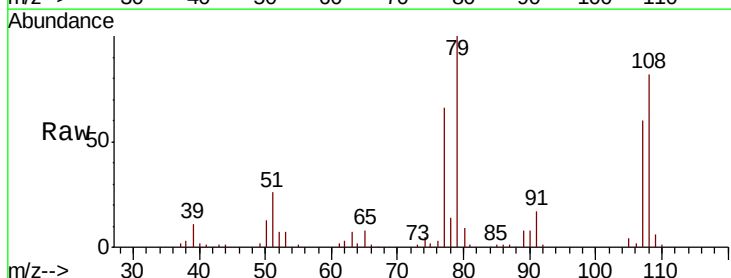
Manual Integrations
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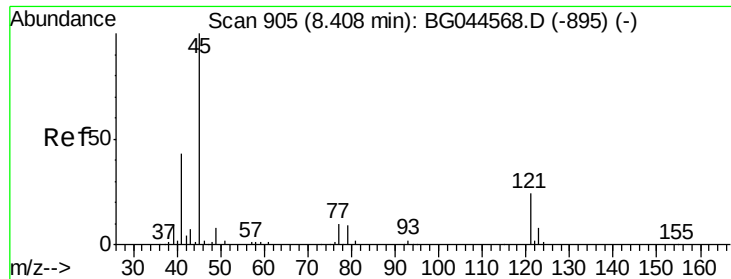
mohammad
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#15
Benzyl Alcohol
Concen: 34.560 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
79	100		
108	82.2	66.0	99.0
77	66.2	49.6	74.4





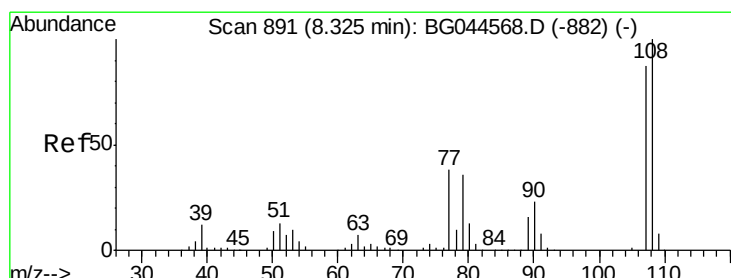
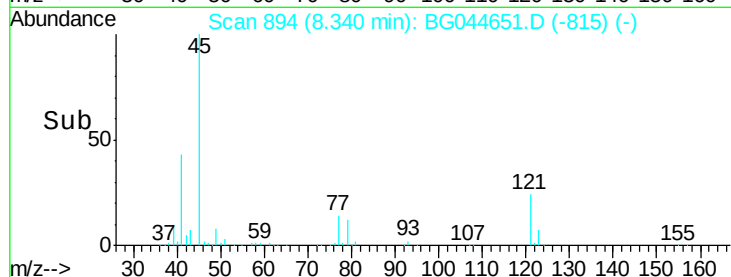
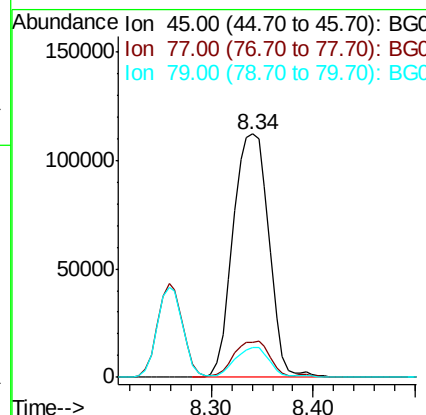
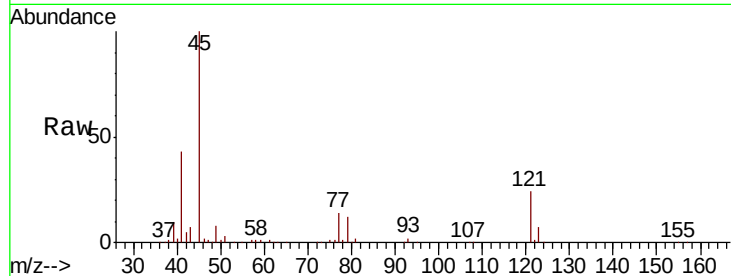
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 47.869 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampled :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	34.4
79	12.2	0.0	32.3

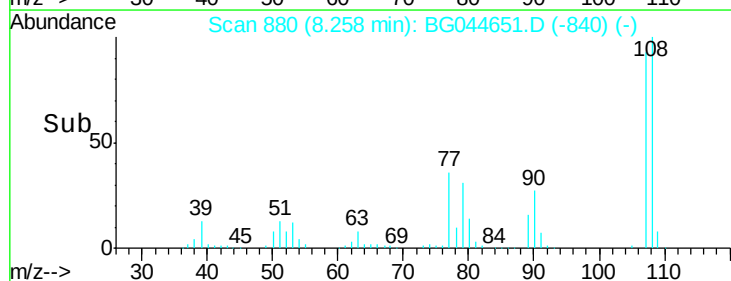
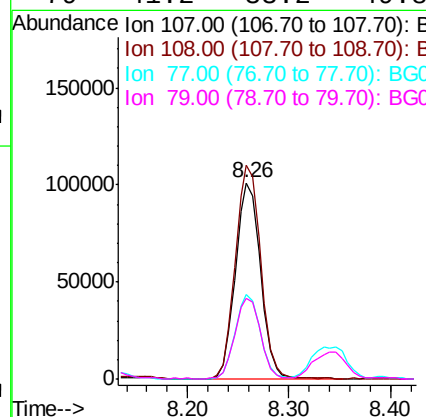
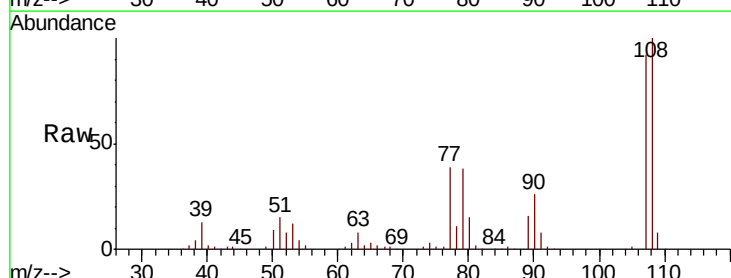
Manual Integrations
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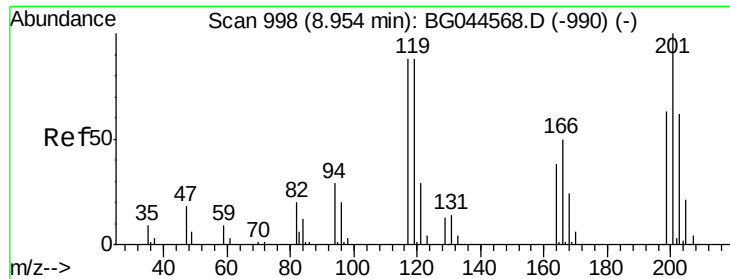
mohammad
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#17
2-Methylphenol
Concen: 47.978 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.1	91.7	137.5
77	42.9	35.1	52.7
79	41.2	33.2	49.8





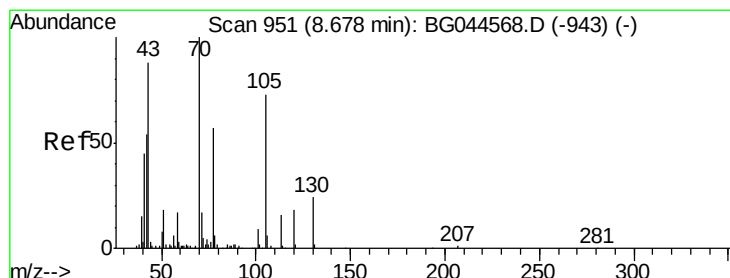
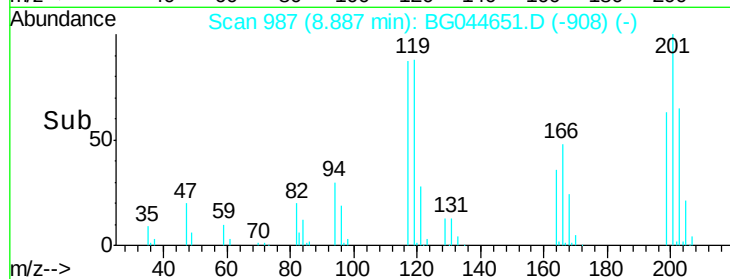
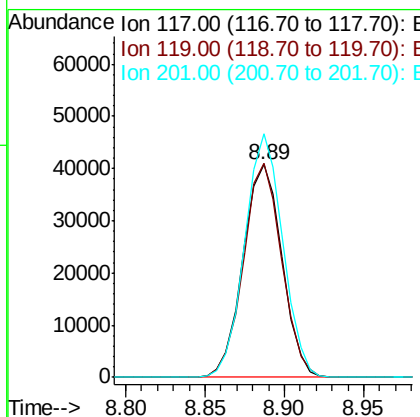
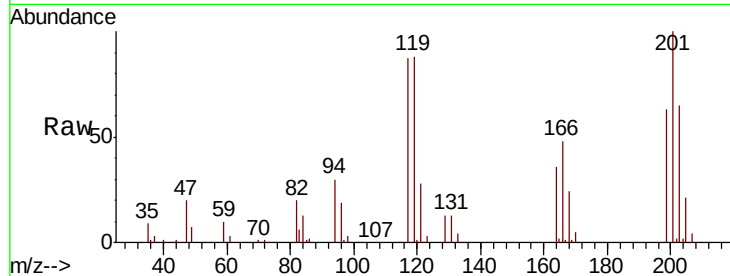
#18
Hexachloroethane
Concen: 38.033 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	69585		
119	100.4	80.0	120.0	
201	114.4	90.5	135.7	

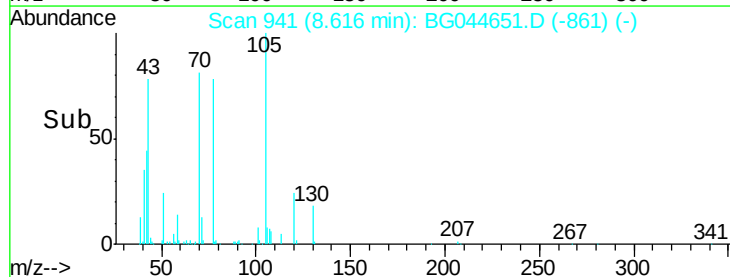
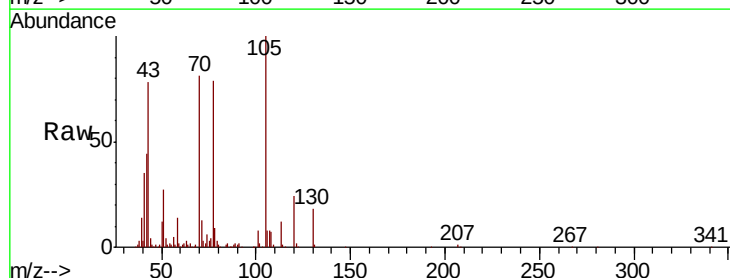
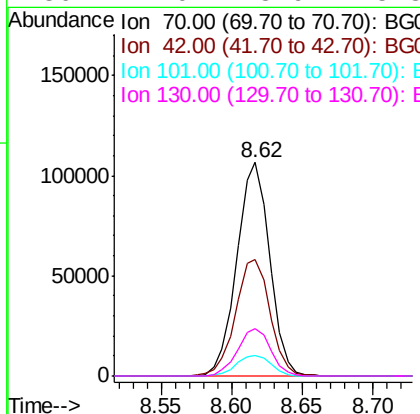
Manual Integrations
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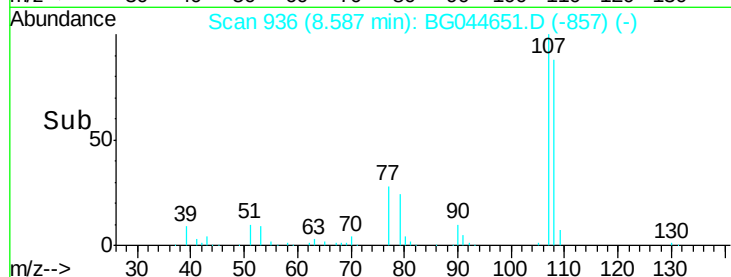
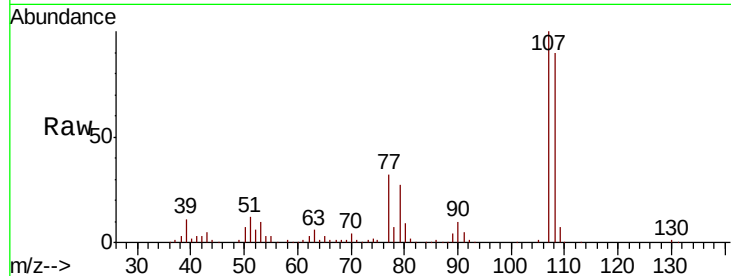
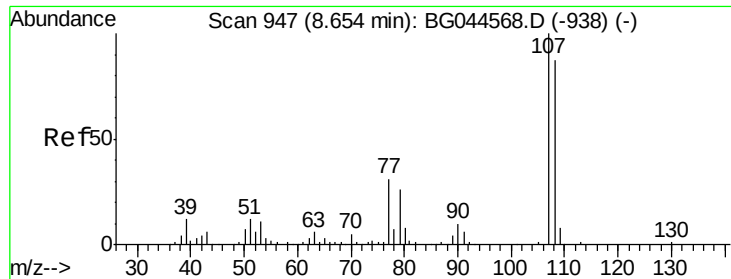
mohammad
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#19
n-Nitroso-di-n-propylamine
Concen: 51.458 ng
RT: 8.62 min Scan# 941
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	173225		
42	54.8	43.4	65.0	
101	9.7	7.5	11.3	
130	22.0	18.9	28.3	





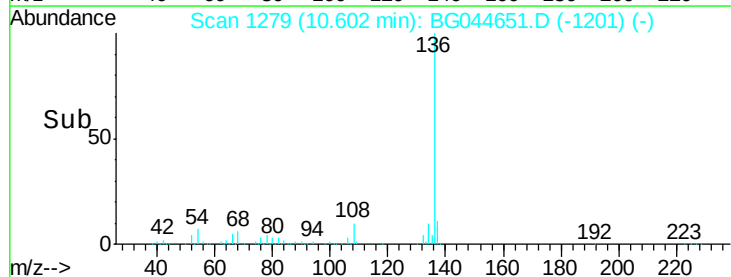
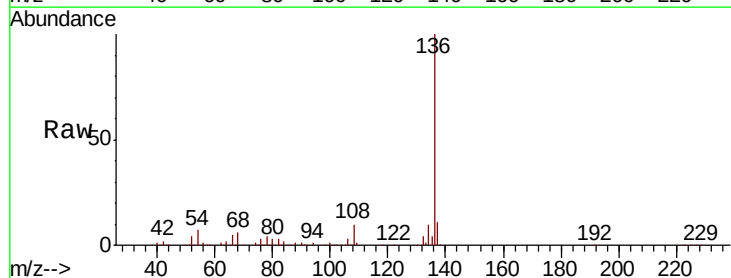
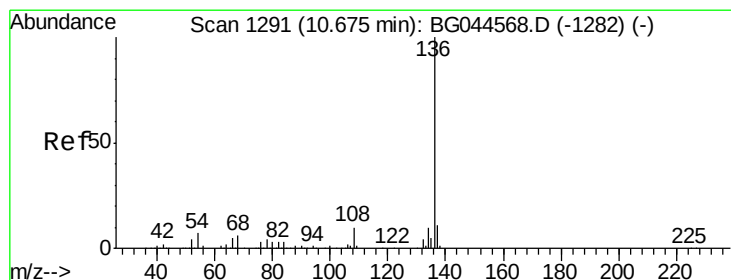
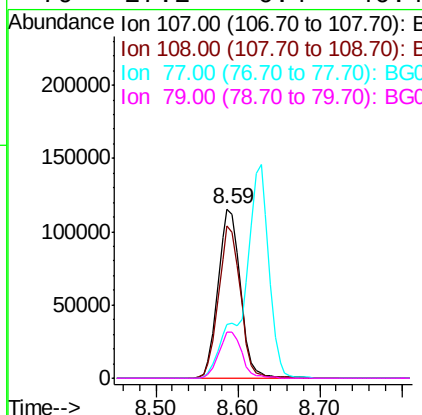
#20
3+4-Methylphenols
Concen: 44.483 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tot Ion	Ratio	Resp	Lower	Upper
107	100	220803		
108	89.8	67.5	107.5	
77	32.0	11.3	51.3	
79	27.2	6.4	46.4	

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

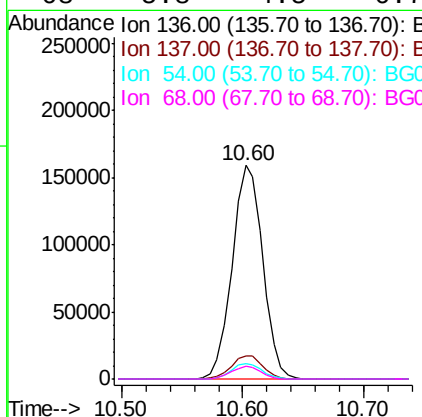
Manual Integrations
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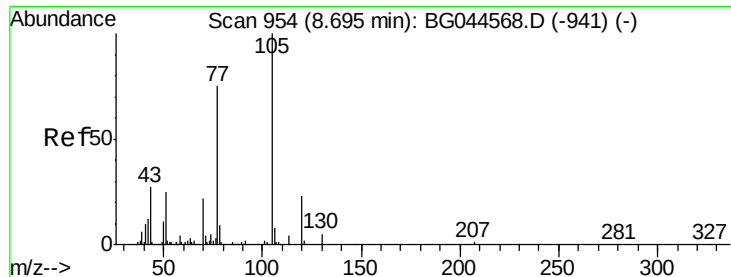
mohammad
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	279676		
137	10.5	8.8	13.2	
54	7.5	5.7	8.5	
68	5.8	4.5	6.7	





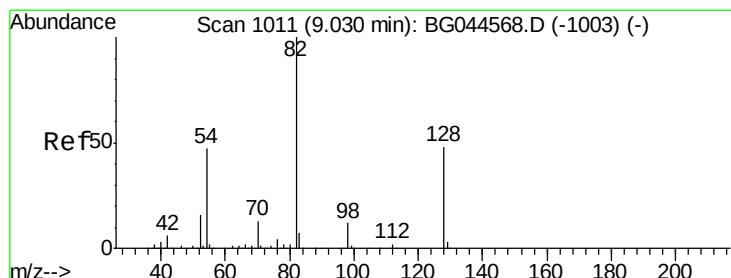
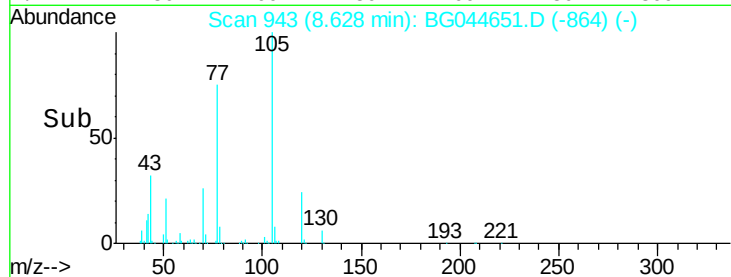
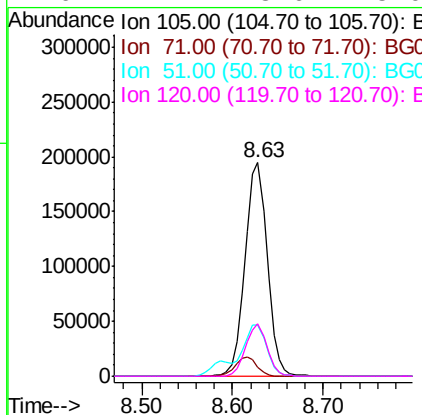
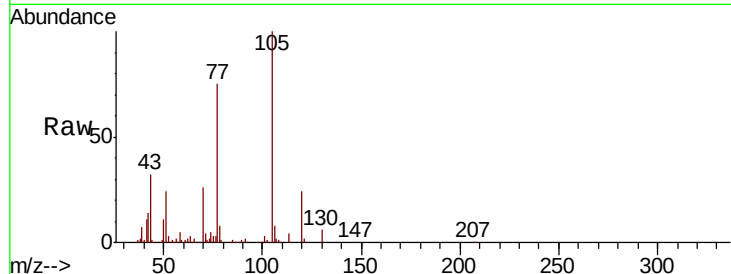
#22
Acetophenone
Concen: 47.235 ng
RT: 8.63 min Scan# 943
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100			
71	71	4.1	2.8	4.2	
51	51	23.7	19.9	29.9	
120	120	24.4	18.6	28.0	

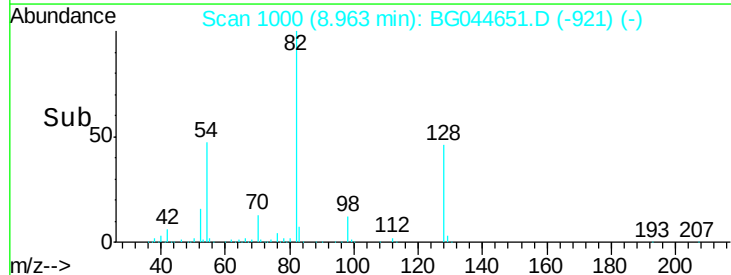
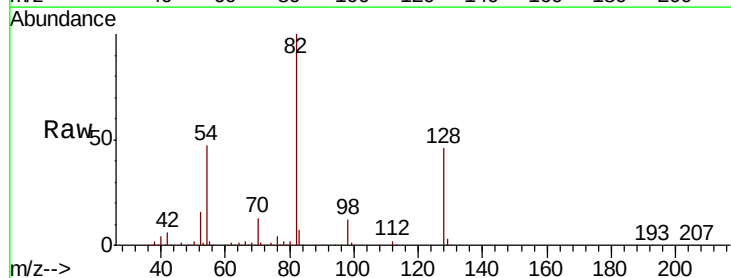
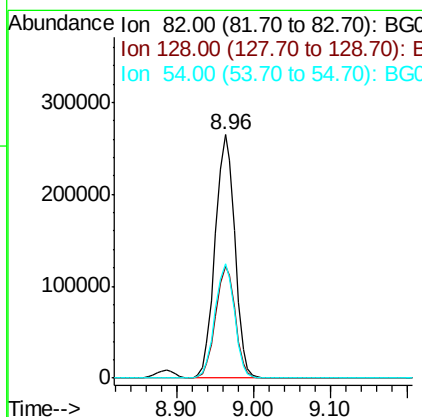
Manual Integrations
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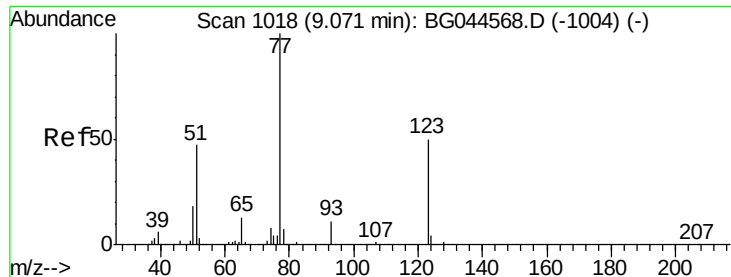
mohammad
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#23
Nitrobenzene-d5
Concen: 85.447 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100			
128	128	45.9	38.1	57.1	
54	54	46.8	37.5	56.3	





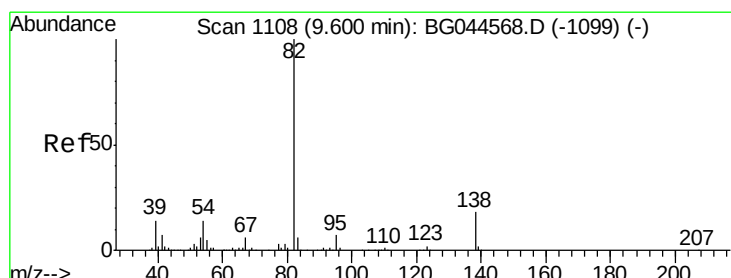
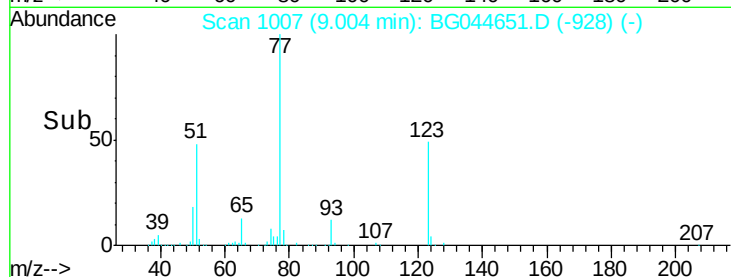
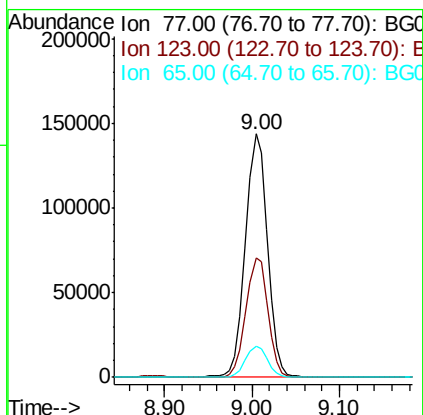
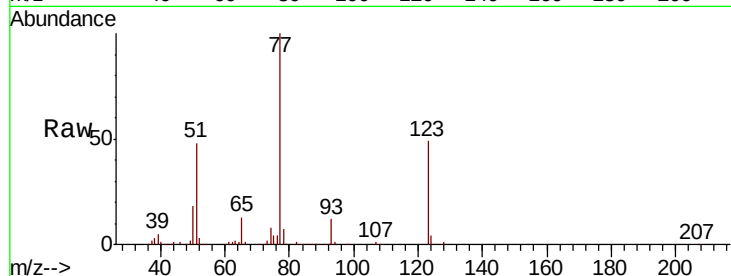
#24
Nitrobenzene
Concen: 46.257 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampled :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
77	100		
123	48.8	40.1	60.1
65	13.0	10.4	15.6

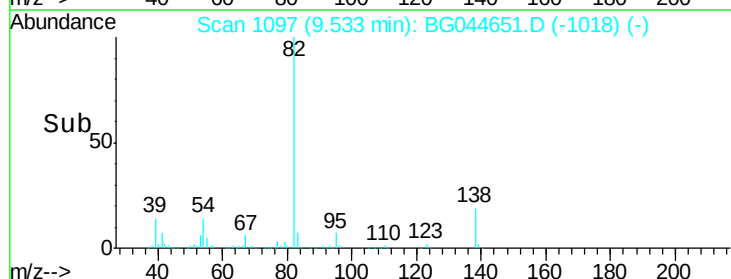
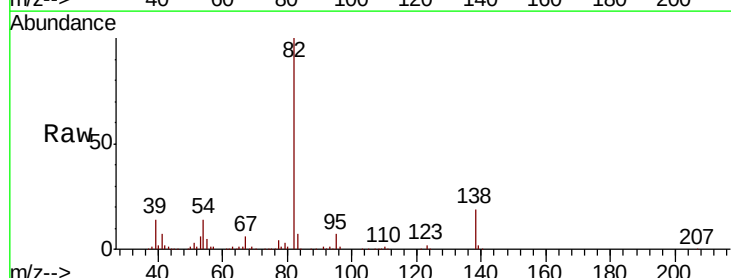
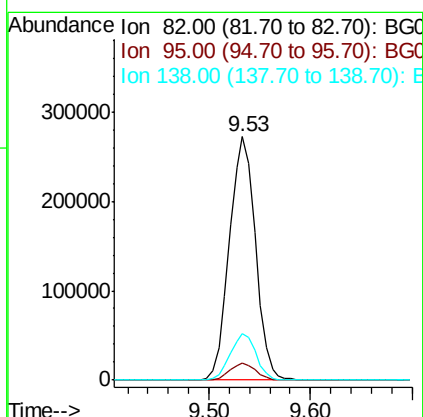
Manual Integrations
APPROVED

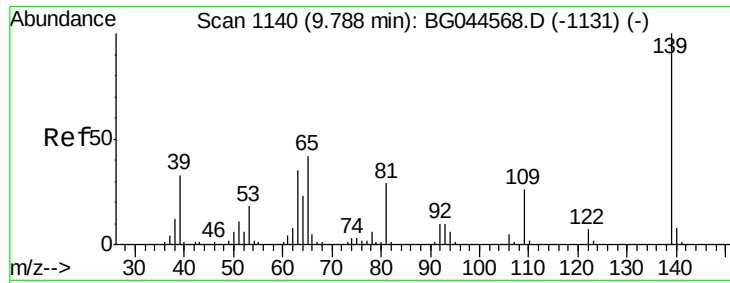
mohammad
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#25
Isophorone
Concen: 48.003 ng
RT: 9.53 min Scan# 1097
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	18.8	14.7	22.1





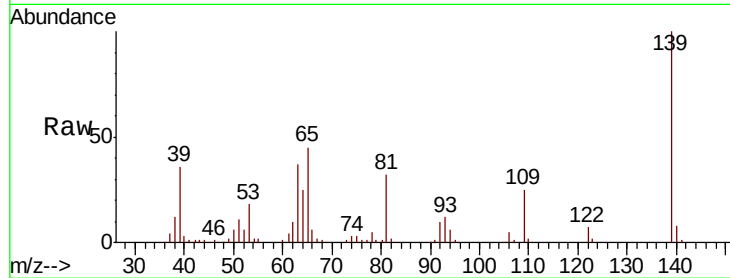
#26
2-Nitrophenol
Concen: 47.808 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleID :
PB127195BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.4	20.6	31.0	
65	44.7	33.3	49.9	

Manual Integrations
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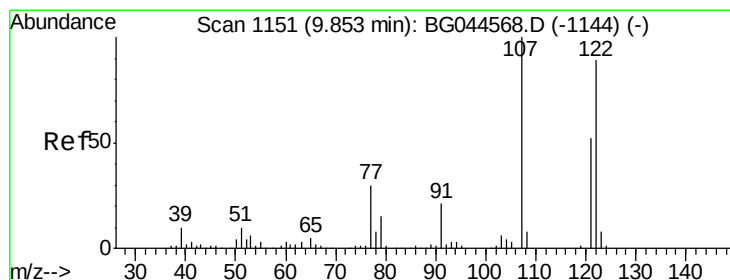
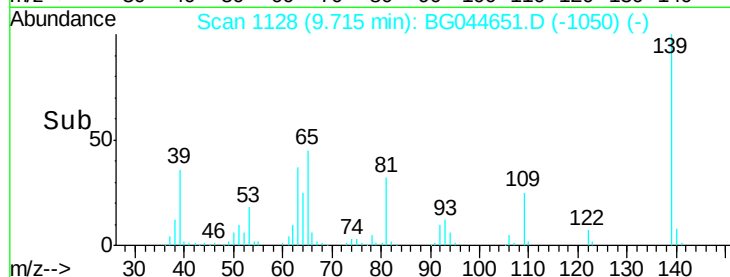
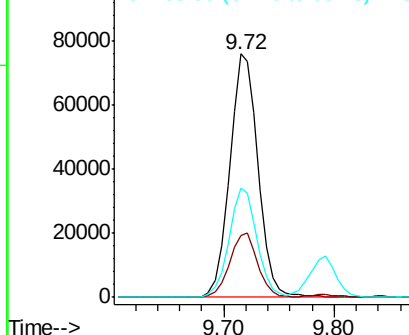


Abundance

Ion 139.00 (138.70 to 139.70): E

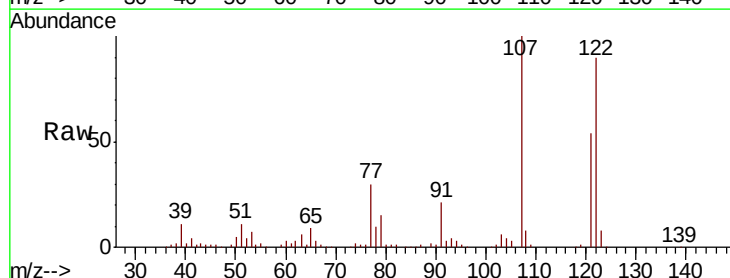
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B



#27
2,4-Dimethylphenol
Concen: 54.818 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	110.6	89.4	134.0	
121	59.3	46.5	69.7	

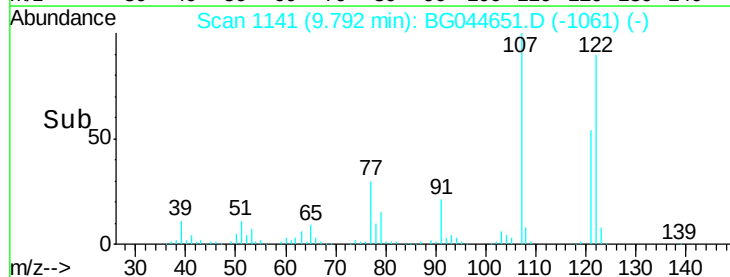
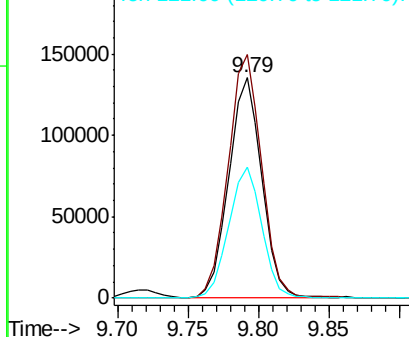


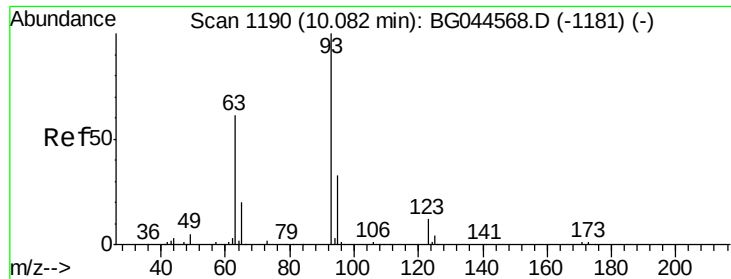
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





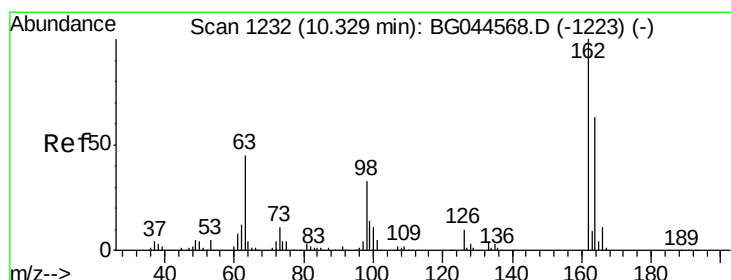
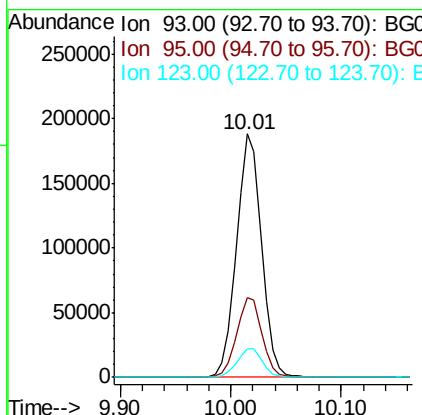
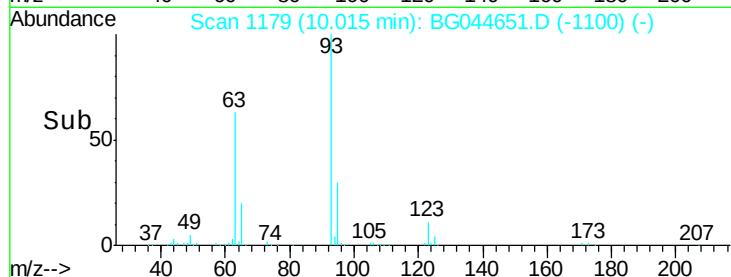
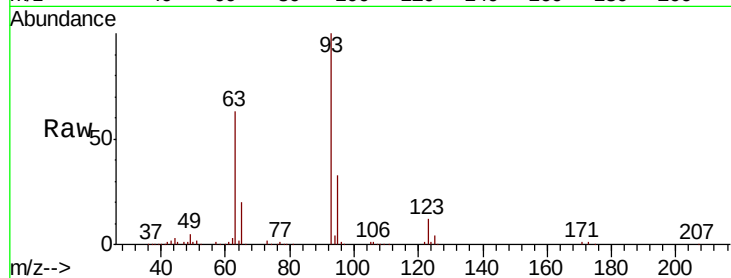
#28
bis(2-Chloroethoxy)methane
Concen: 44.801 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleID :
PB127195BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.8	26.5	39.7	
123	11.9	9.7	14.5	

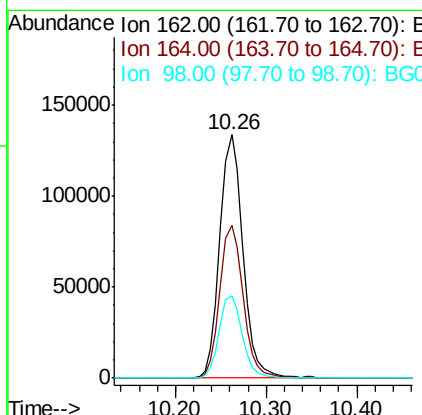
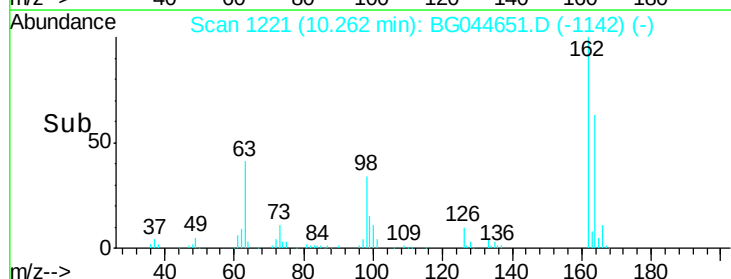
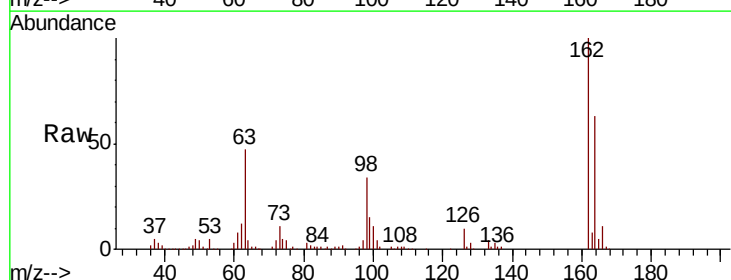
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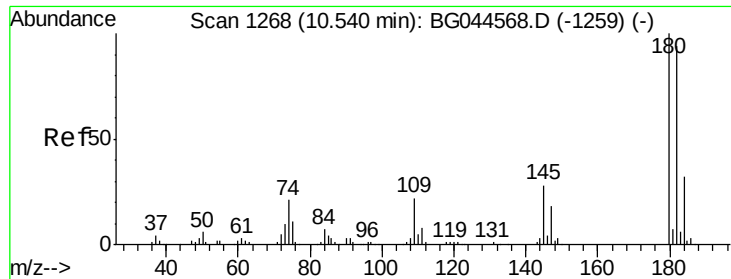
mohammad
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#29
2,4-Dichlorophenol
Concen: 49.742 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.5	43.2	83.2	
98	33.7	13.2	53.2	





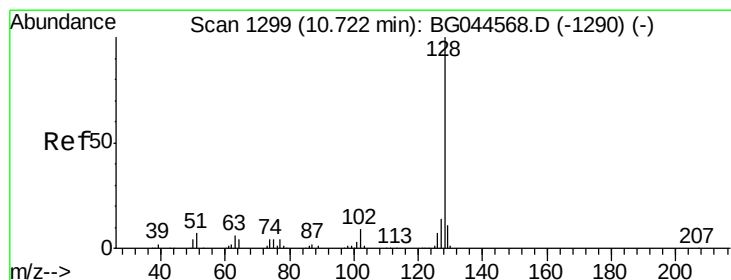
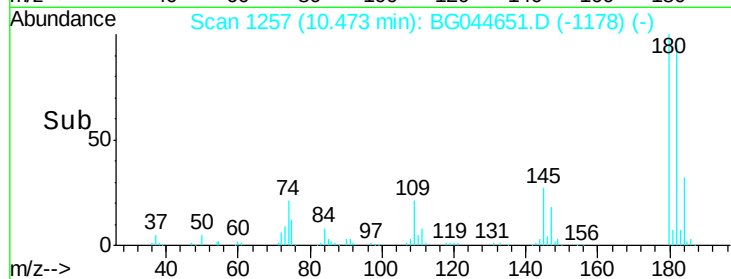
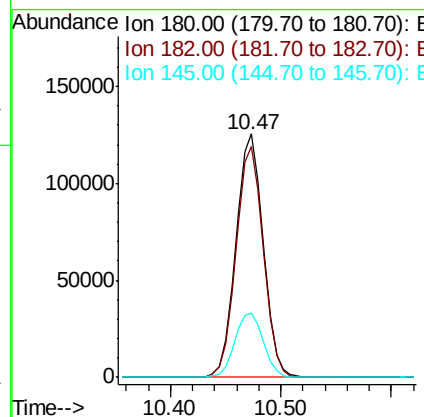
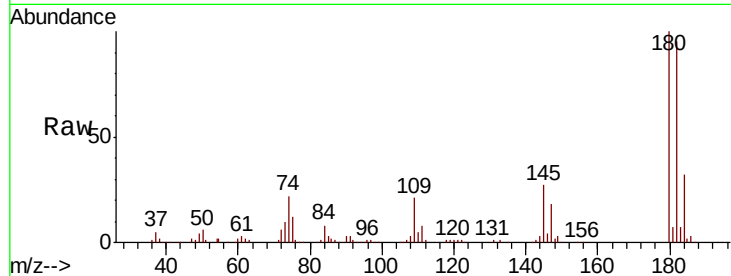
#30
 1,2,4-Trichlorobenzene
 Concen: 39.327 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	217771		
182	95.1	75.6	113.4	
145	26.6	22.2	33.2	

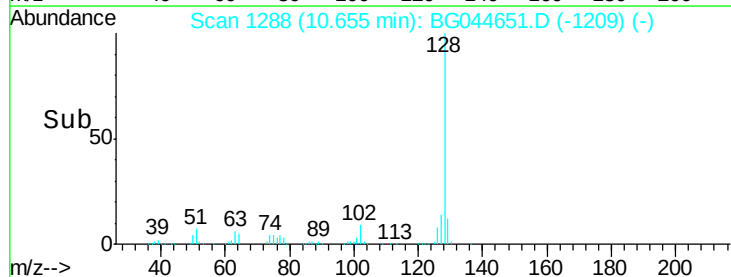
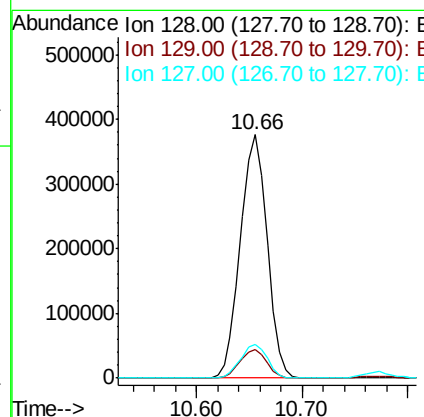
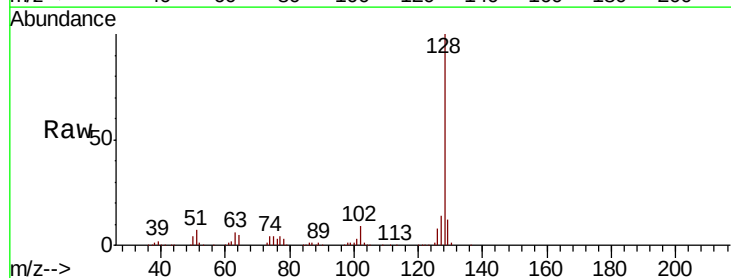
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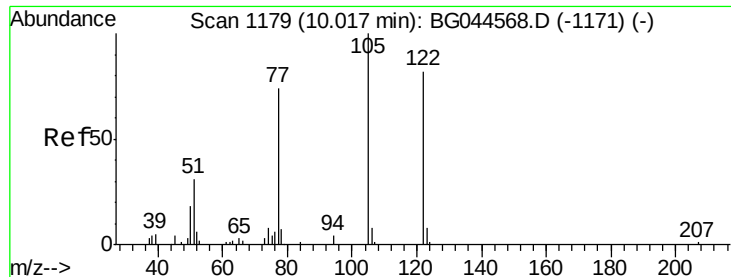
mohammad
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#31
 Naphthalene
 Concen: 43.282 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	660519		
129	11.5	9.0	13.6	
127	13.7	11.0	16.4	





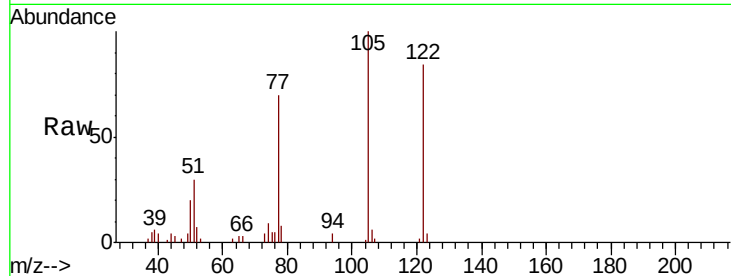
#32
Benzoic acid
Concen: 30.448 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
122	100		
105	118.6	101.4	141.4
77	83.4	69.8	109.8

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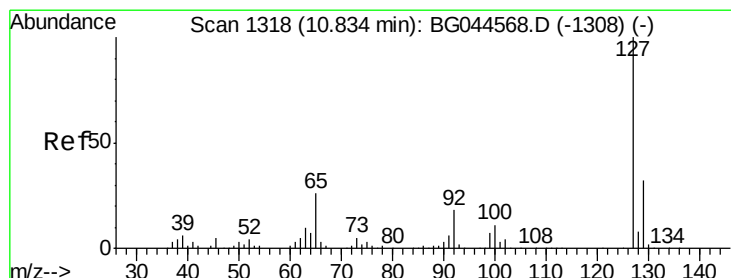
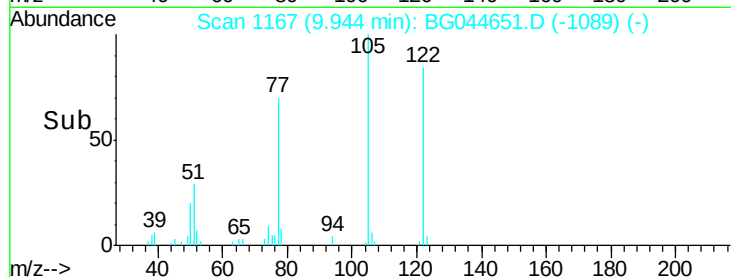
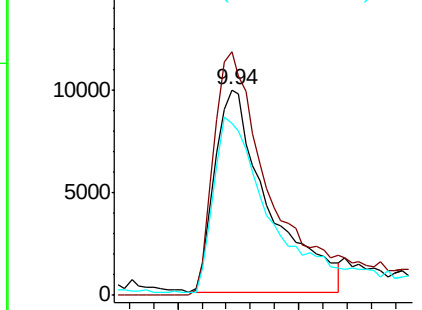


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33
4-Chloroaniline
Concen: 3.031 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.3	25.9	38.9
65	24.2	20.7	31.1
92	17.1	14.2	21.2

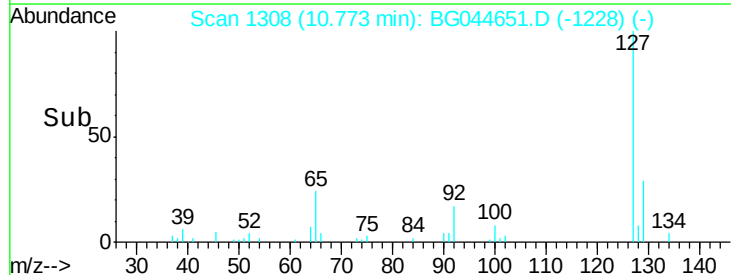
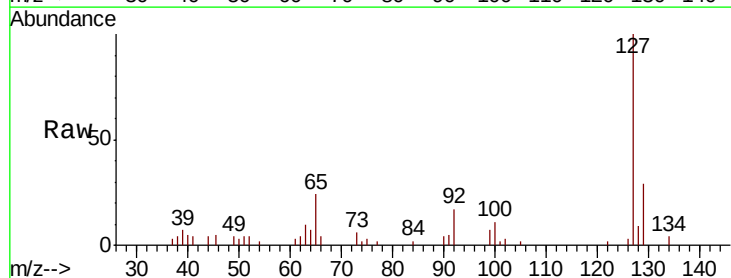
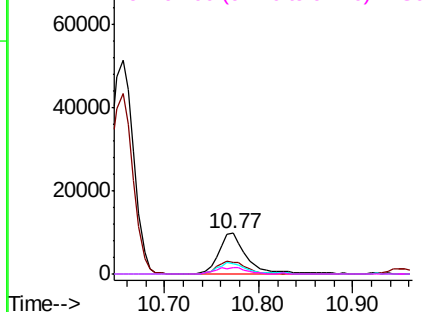
Abundance

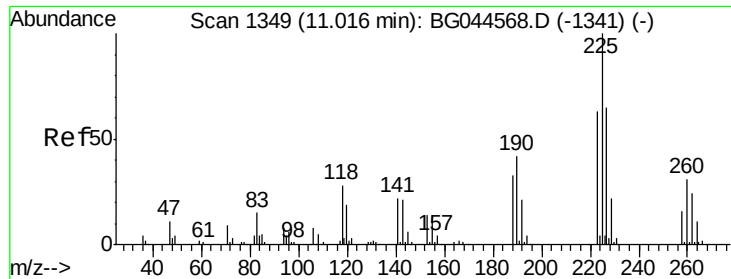
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 35.197 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

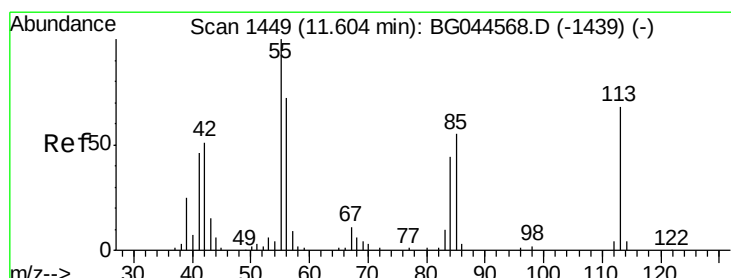
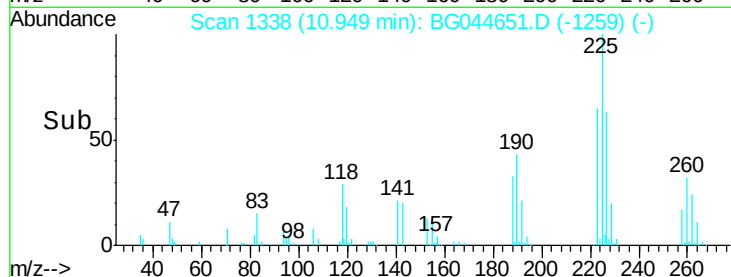
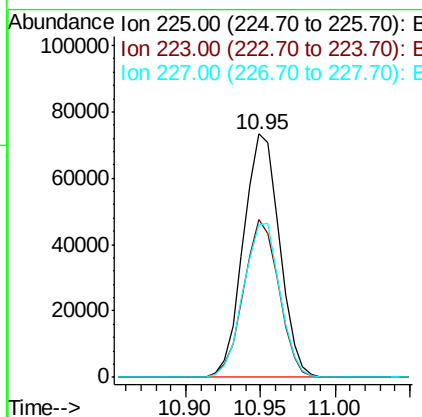
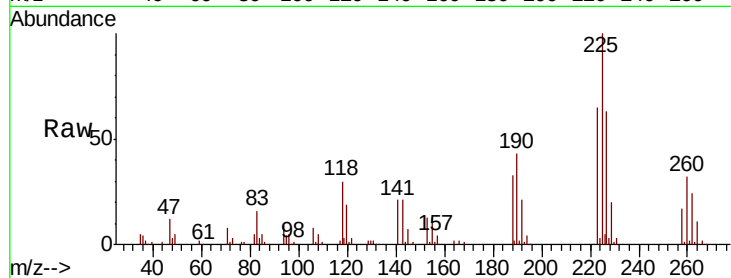
ClientSampled :

PB127195BSD

Tot Ion:	225	Resp:	122396
Ion Ratio		Lower	Upper
225	100		
223	65.1	50.6	76.0
227	62.7	52.1	78.1

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#35

Caprolactam

Concen: 7.261 ng m

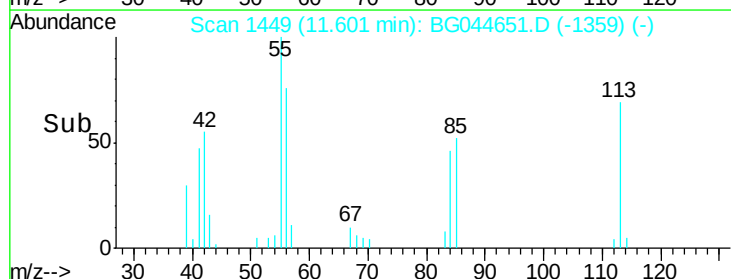
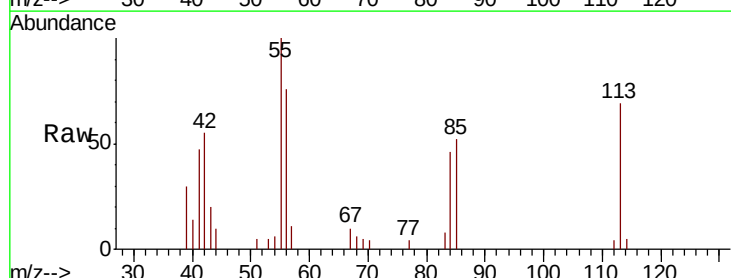
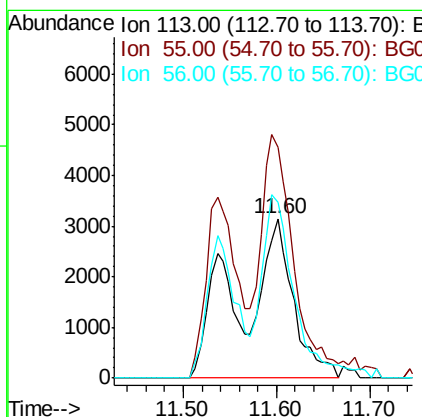
RT: 11.60 min Scan# 1449

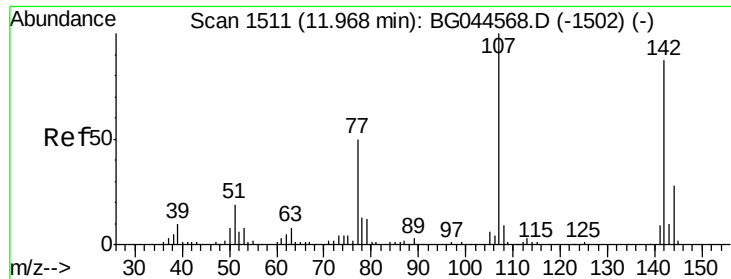
Delta R.T. -0.00 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Tgt Ion:	113	Resp:	12445
Ion Ratio		Lower	Upper
113	100		
55	145.0	127.8	167.8
56	110.0	86.9	126.9





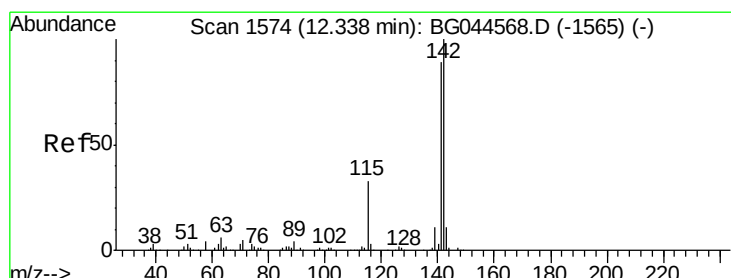
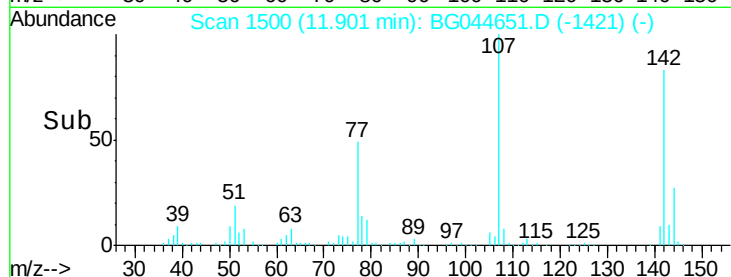
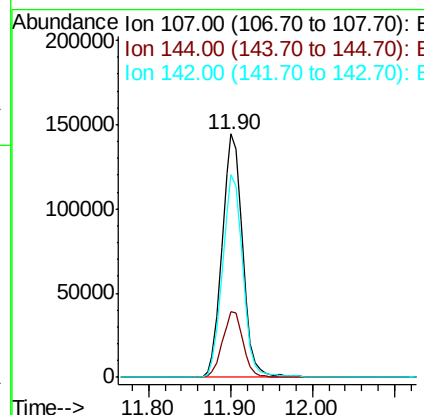
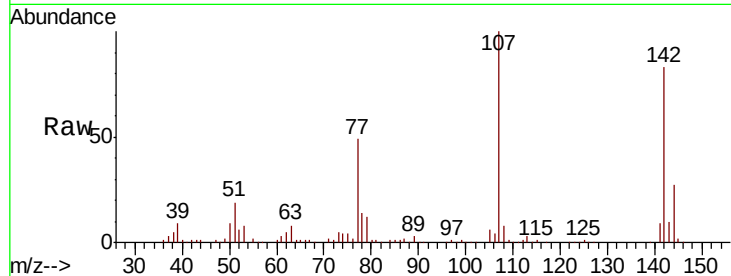
#36
4-Chloro-3-methylphenol
Concen: 51.248 ng
RT: 11.90 min Scan# 1500
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.8	22.3	33.5
142	83.0	69.3	103.9

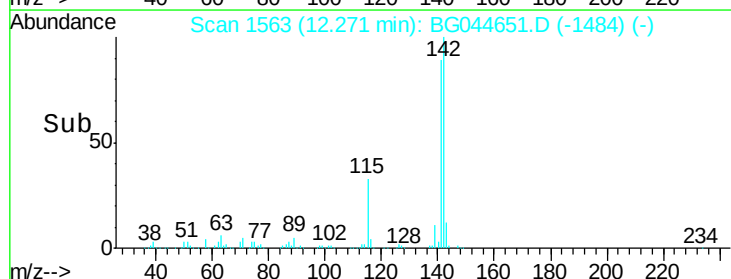
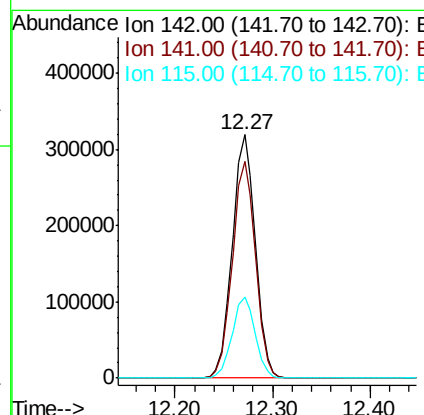
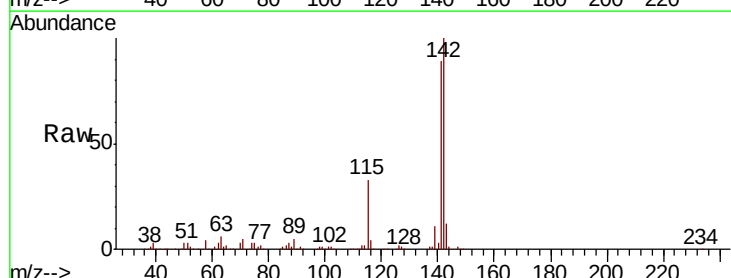
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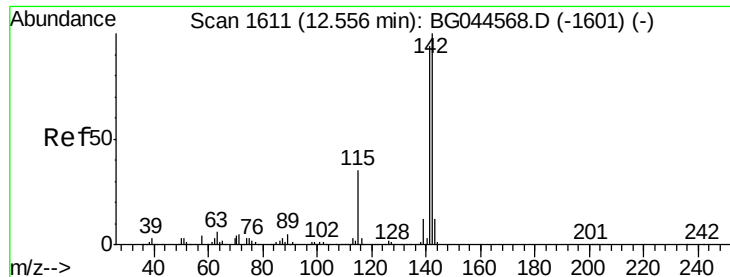
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#37
2-Methylnaphthalene
Concen: 46.318 ng
RT: 12.27 min Scan# 1563
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	33.5	26.2	39.2





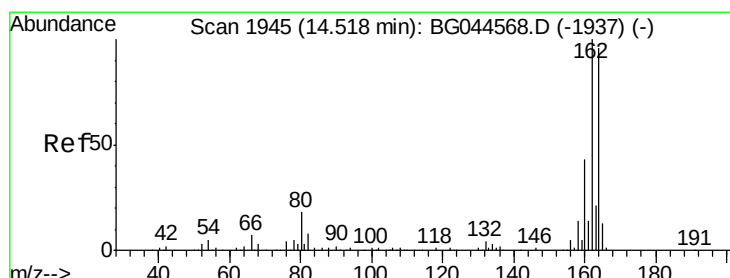
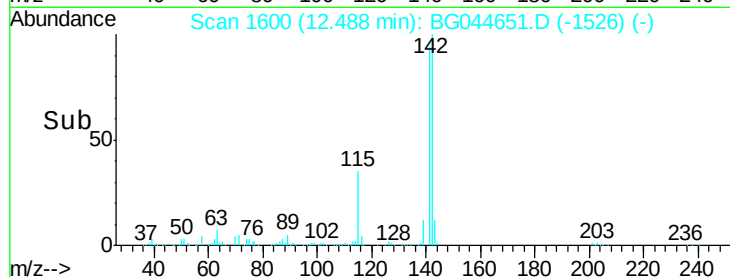
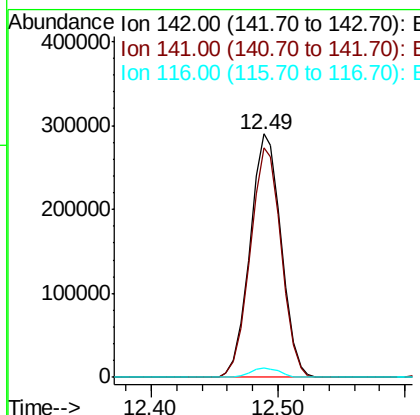
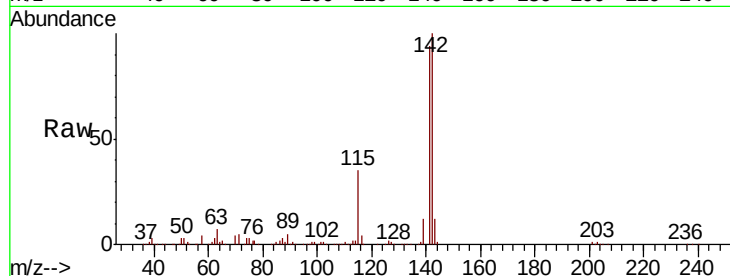
#38
1-Methylnaphthalene
Concen: 46.267 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.1	112.7
116	3.7	2.6	4.0

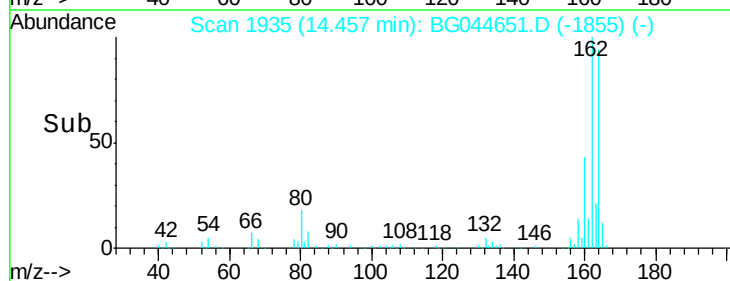
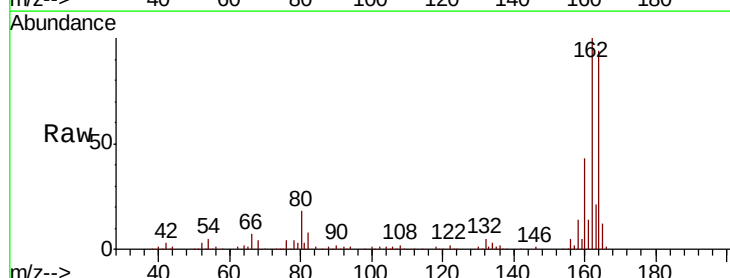
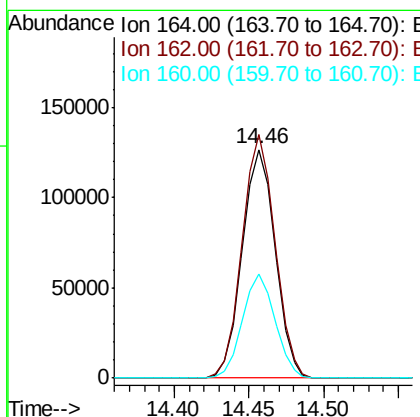
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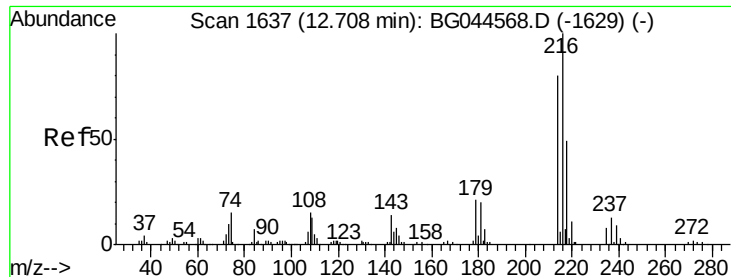
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.6	125.4
160	45.5	36.2	54.4





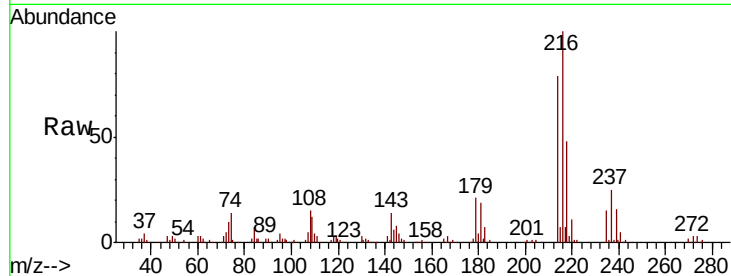
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.282 ng
 RT: 12.65 min Scan# 1627
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleID :
 PB127195BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.5	63.3	94.9		
179	20.3	16.2	24.2		
108	17.4	12.6	18.8		

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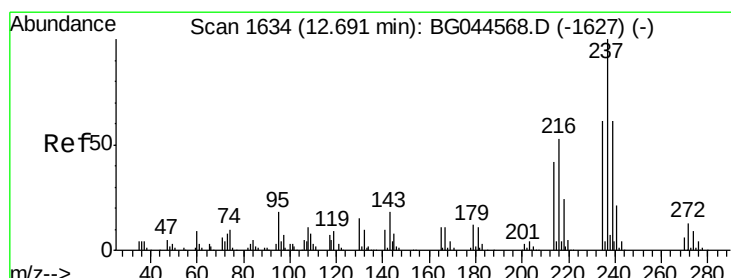
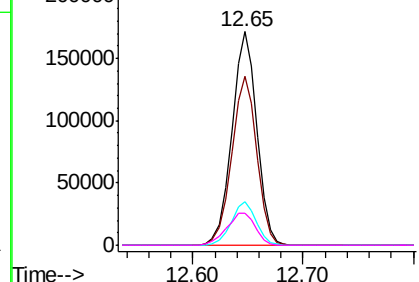
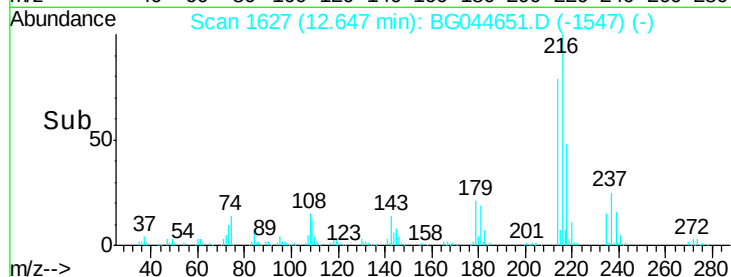
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

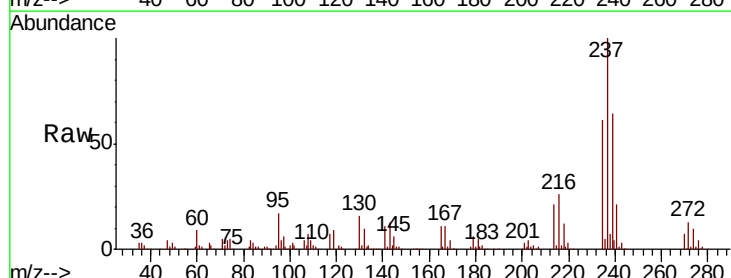
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41
 Hexachlorocyclopentadiene
 Concen: 83.883 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	60.8	40.7	80.7		
272	12.7	0.0	32.7		

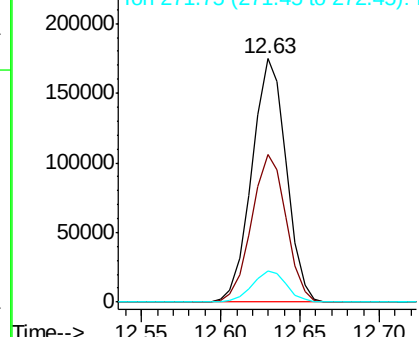
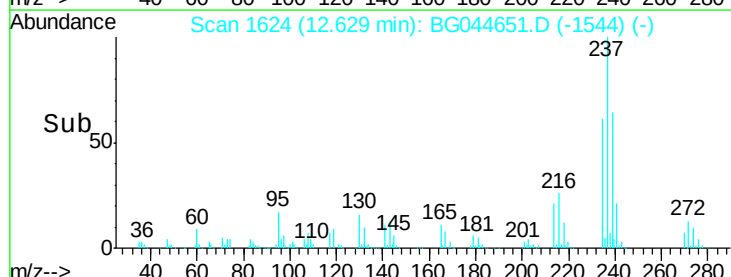


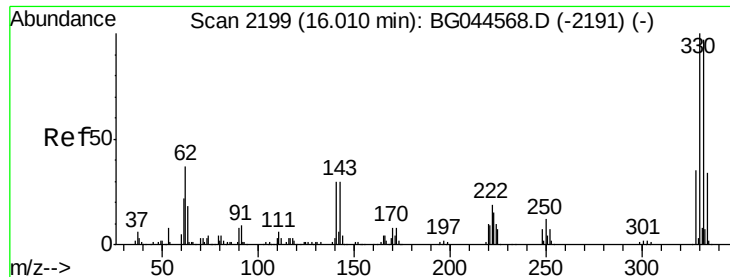
Abundance

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





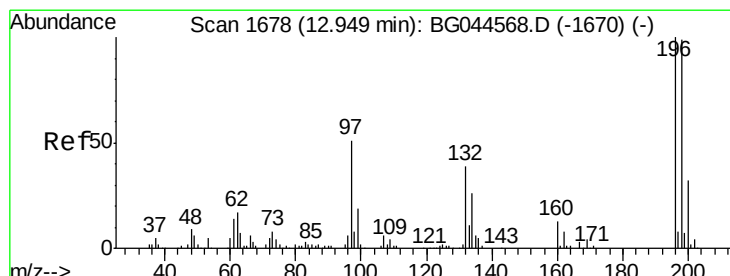
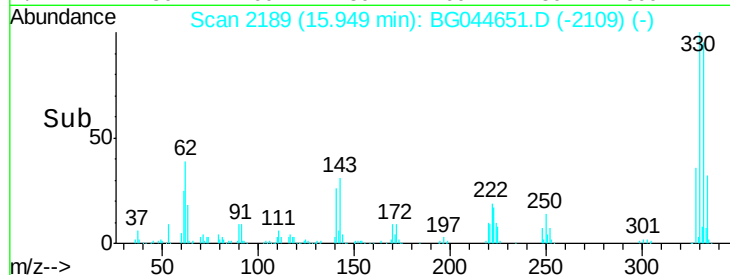
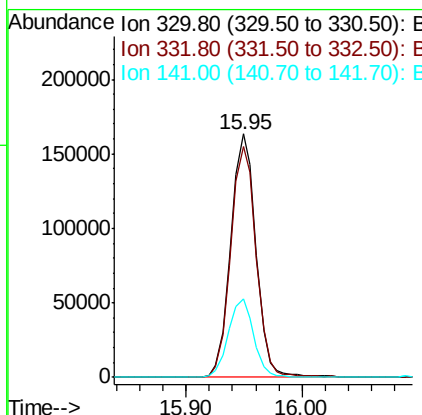
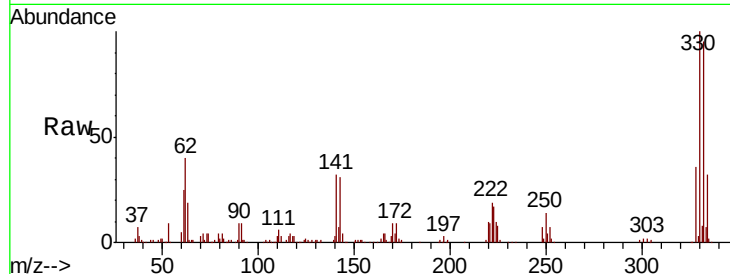
#42
 2,4,6-Tribromophenol
 Concen: 89.836 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	247287		
332	96.7	77.4	116.0	
141	32.6	26.1	39.1	

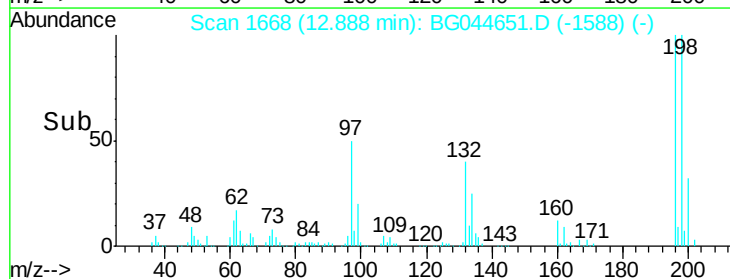
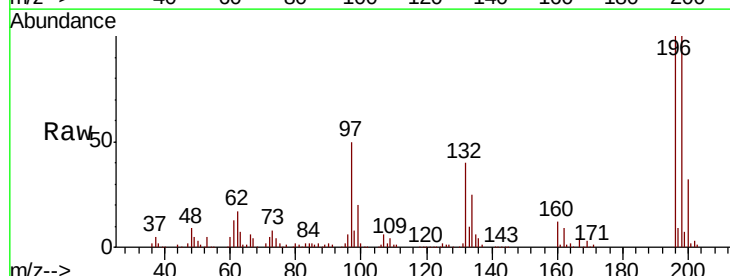
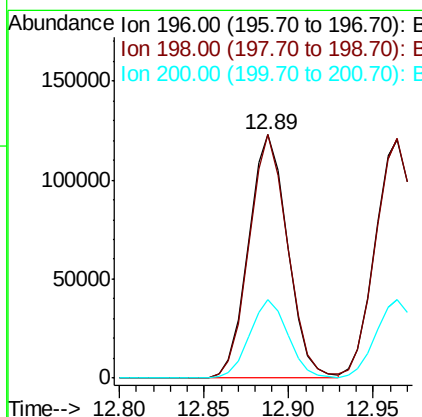
Manual Integrations
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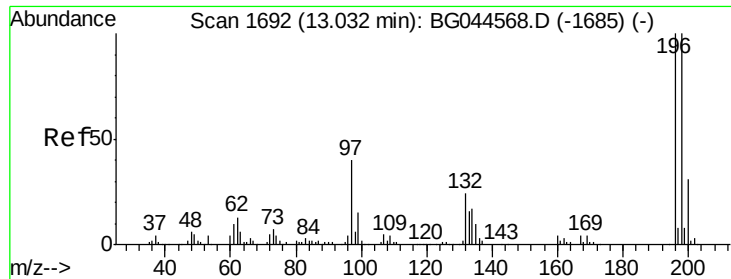
mohammad
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#43
 2,4,6-Trichlorophenol
 Concen: 46.610 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	197794		
198	100.1	79.2	118.8	
200	32.1	25.7	38.5	





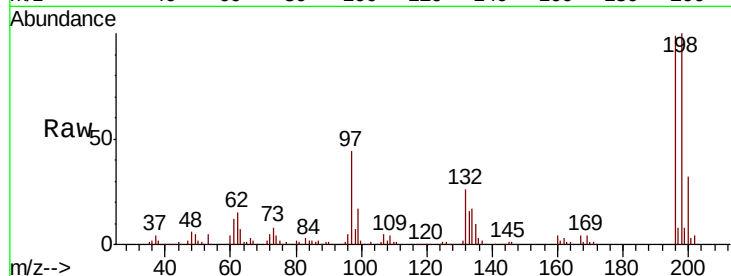
#44
2,4,5-Trichlorophenol
Concen: 48.852 ng
RT: 12.96 min Scan# 1681
Delta R.T. -0.07 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

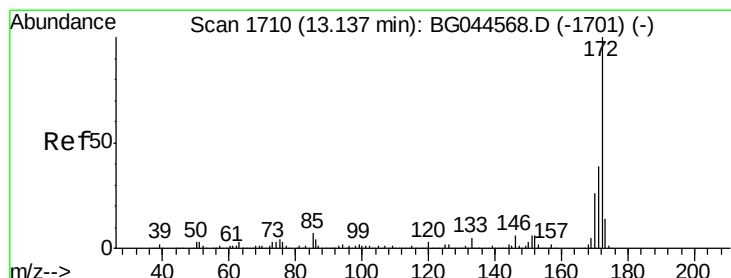
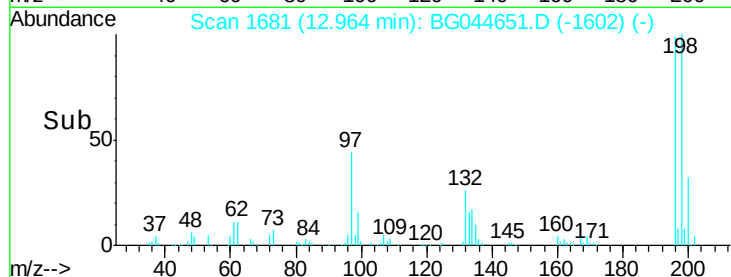
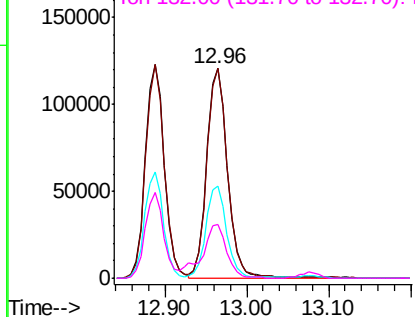
Tot Ion:	196	Resp:	212956
Ion Ratio	Lower	Upper	
196	100		
198	100.5	79.3	118.9
97	44.2	32.3	48.5
132	26.0	19.1	28.7

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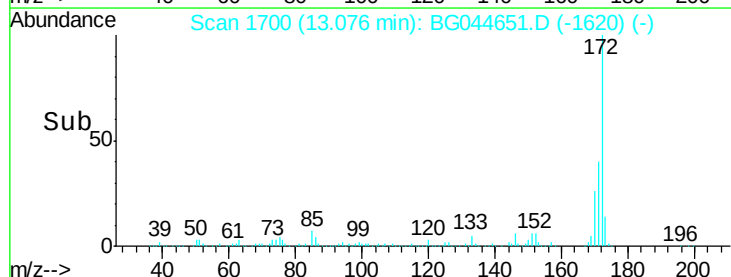
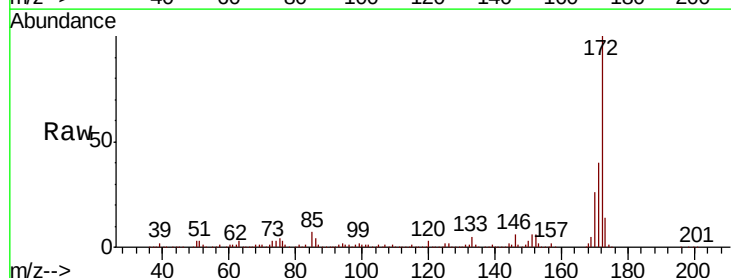
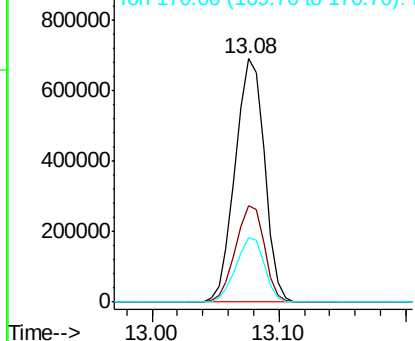
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

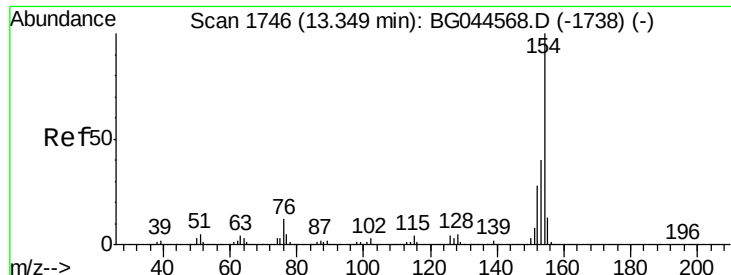


#45
2-Fluorobiphenyl
Concen: 81.436 ng
RT: 13.08 min Scan# 1700
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion:	172	Resp:	1104019
Ion Ratio	Lower	Upper	
172	100		
171	39.5	31.3	46.9
170	26.4	21.0	31.4

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





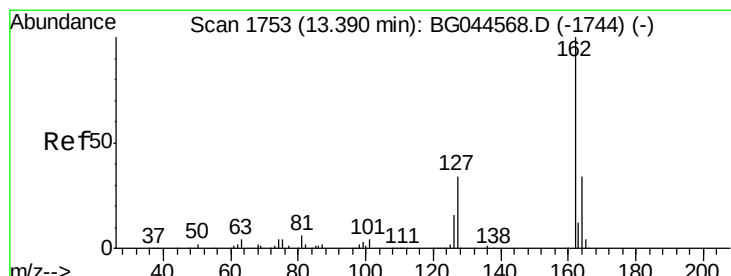
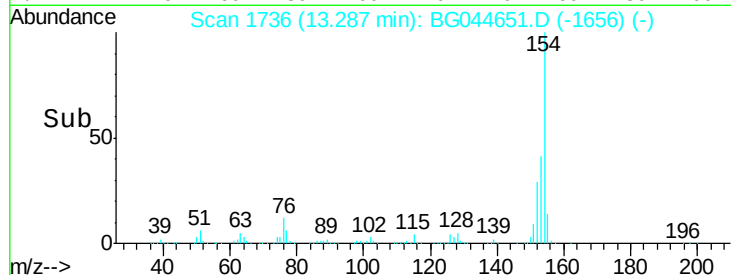
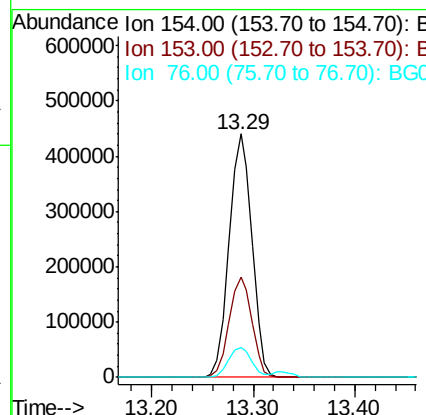
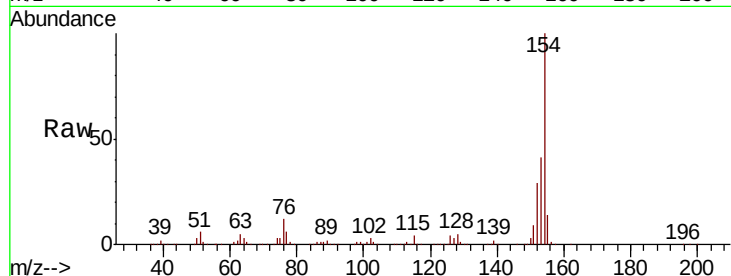
#46
 1,1'-Biphenyl
 Concen: 42.698 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tot Ion:	154	Resp:	685957
Ion Ratio	Lower	Upper	
154	100		
153	41.4	20.2	60.2
76	12.2	0.0	31.8

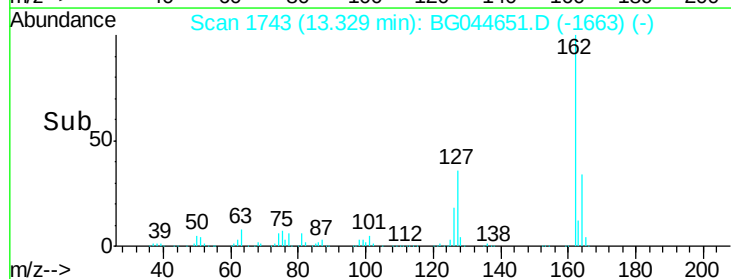
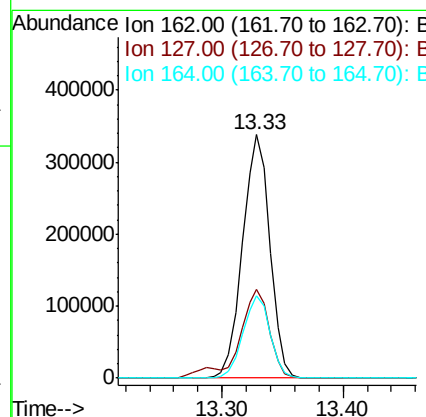
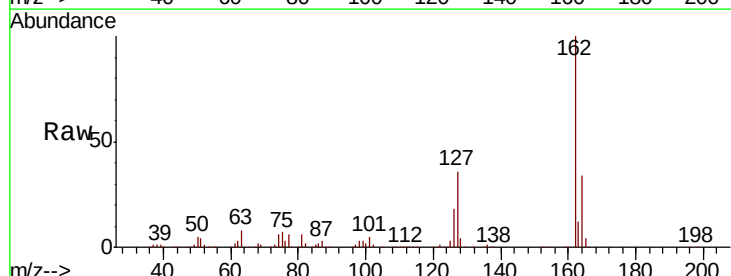
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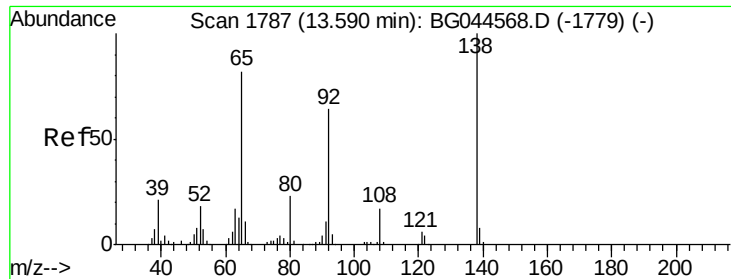
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#47
 2-Chloronaphthalene
 Concen: 42.257 ng
 RT: 13.33 min Scan# 1743
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion:	162	Resp:	532344
Ion Ratio	Lower	Upper	
162	100		
127	36.4	28.7	43.1
164	33.7	27.3	40.9





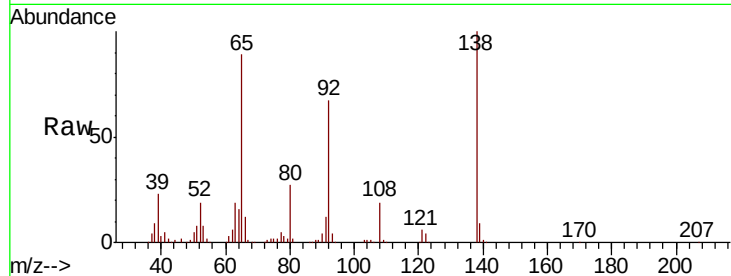
#48
2-Nitroaniline
Concen: 45.738 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

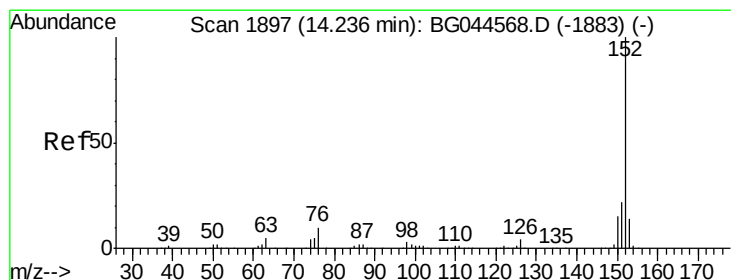
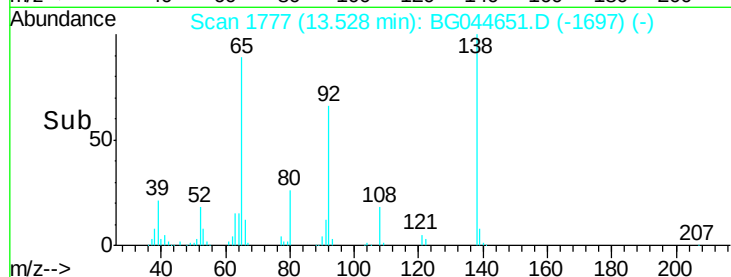
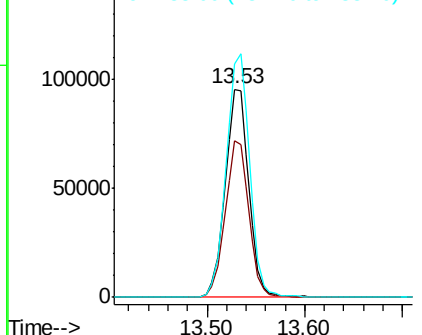
Tot Ion	Ratio	Lower	Upper
65	100		
92	75.1	62.2	93.2
138	112.1	97.6	146.4

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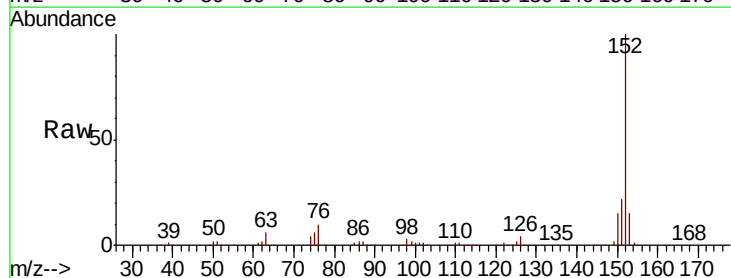


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

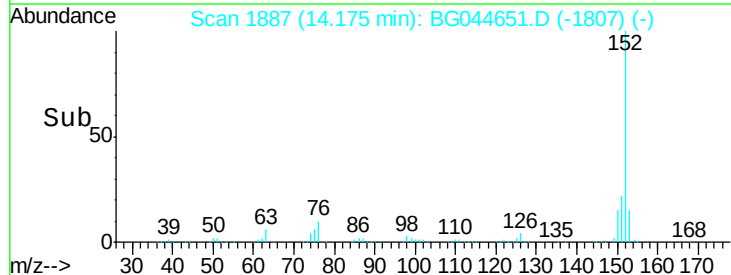
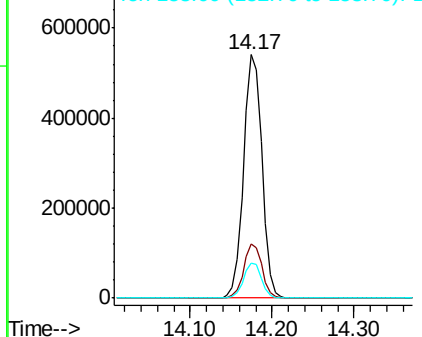


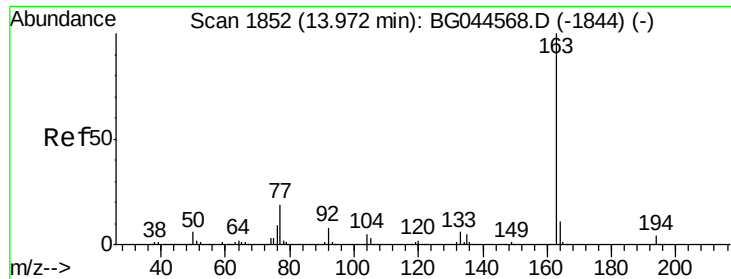
#49
Acenaphthylene
Concen: 45.521 ng
RT: 14.17 min Scan# 1887
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.7	26.5
153	14.6	11.3	16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





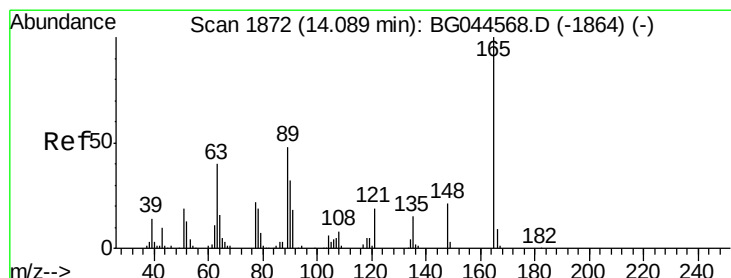
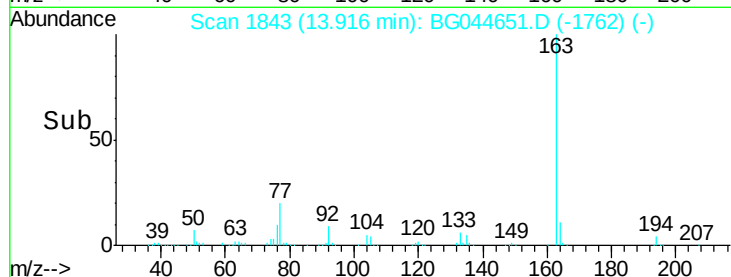
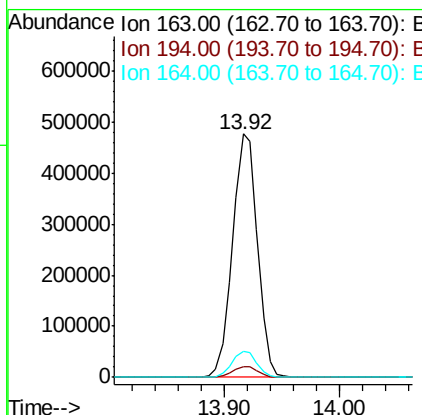
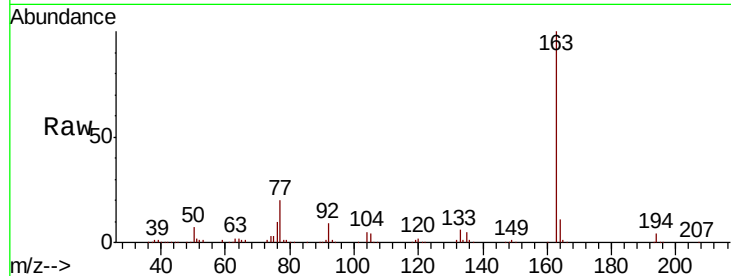
#50
Dimethylphthalate
Concen: 45.263 ng
RT: 13.92 min Scan# 1843
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	709227		
194	4.3		3.4	5.0
164	10.9		8.7	13.1

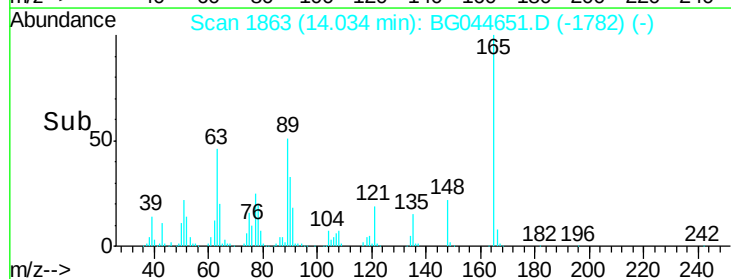
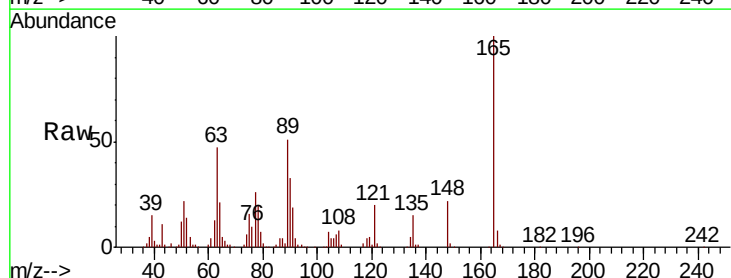
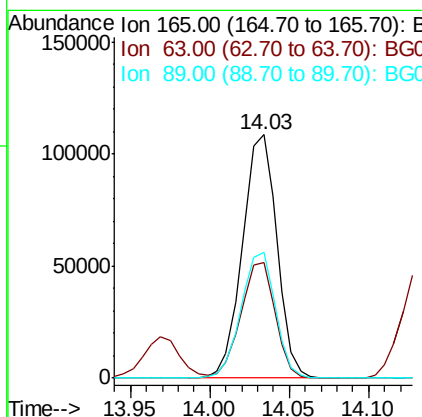
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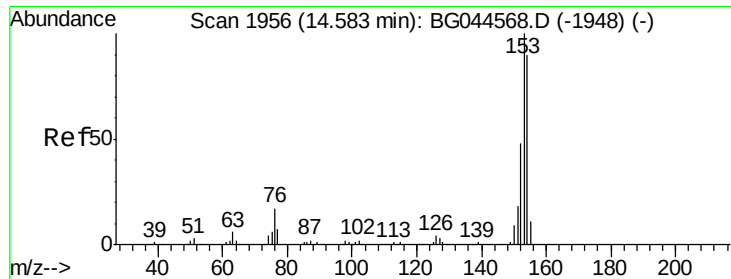
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#51
2,6-Dinitrotoluene
Concen: 47.351 ng
RT: 14.03 min Scan# 1863
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	163633		
63	47.2		35.8	53.6
89	51.4		38.7	58.1





#52

Acenaphthene

Concen: 44.637 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampled :

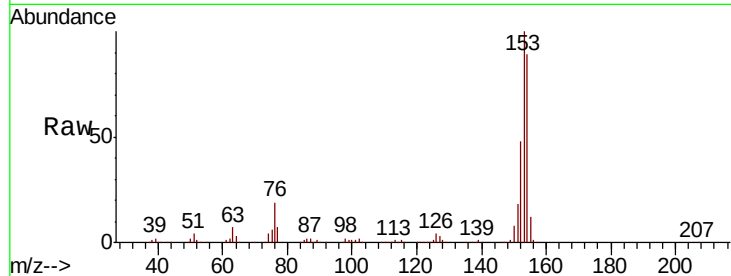
PB127195BSD

Tot Ion:	154	Resp:	529125
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.4	134.0
152	53.8	43.0	64.4

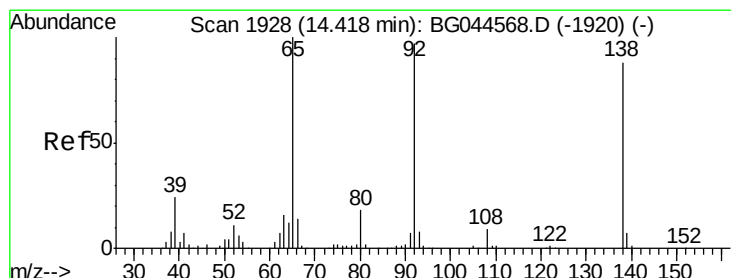
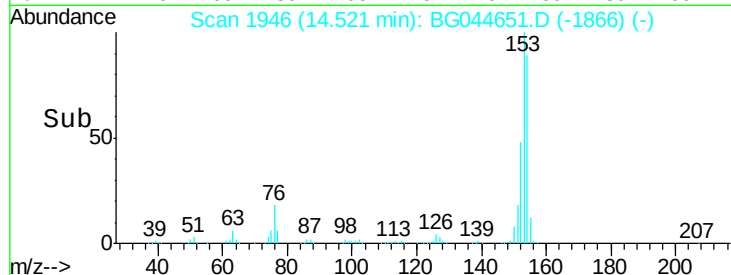
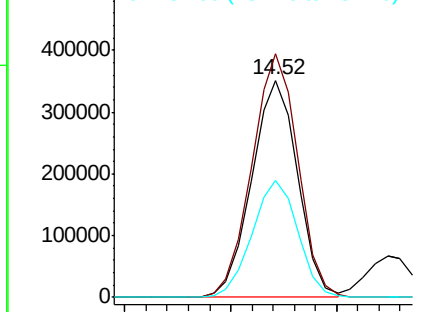
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 16.139 ng

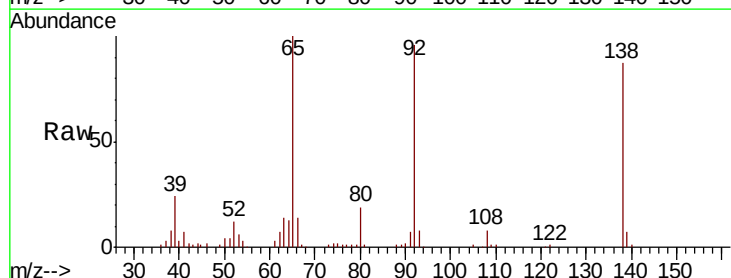
RT: 14.36 min Scan# 1919

Delta R.T. -0.06 min

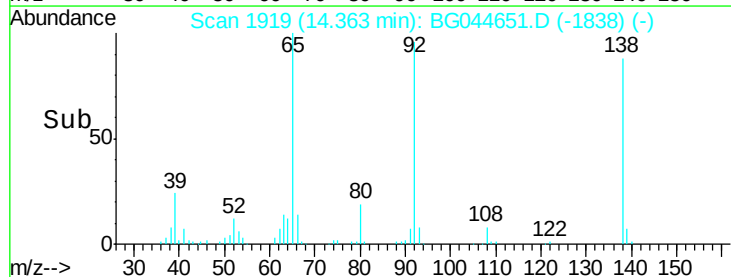
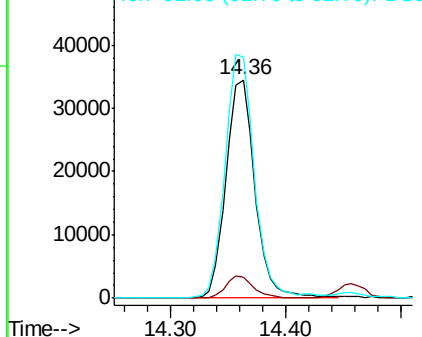
Lab File: BG044651.D

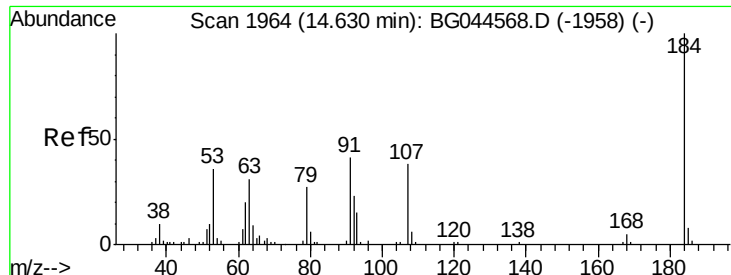
Acq: 3 Mar 2020 4:22

Tgt Ion:	138	Resp:	60148
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.9	11.9
92	110.3	87.4	131.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





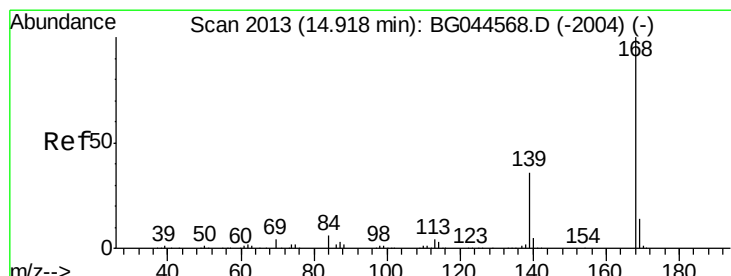
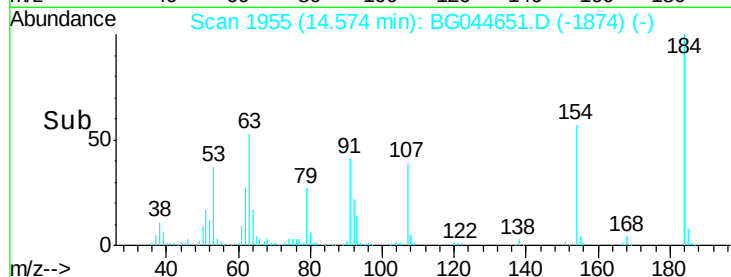
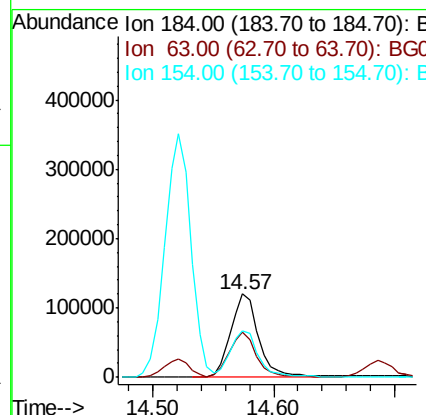
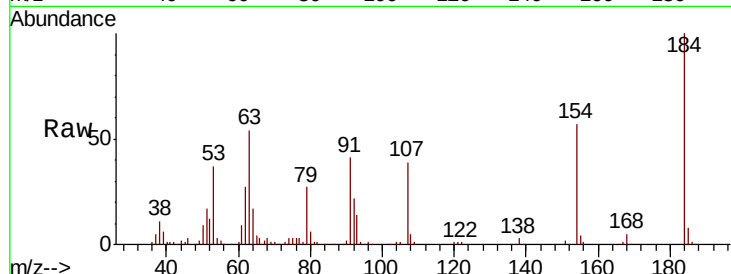
#54
 2,4-Dinitrophenol
 Concen: 92.863 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.05 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	194711		
63	53.8	42.1	63.1	
154	56.7	43.4	65.2	

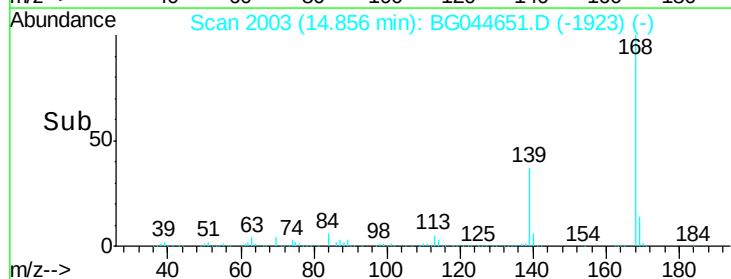
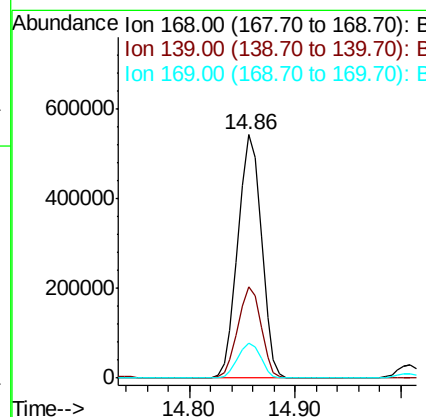
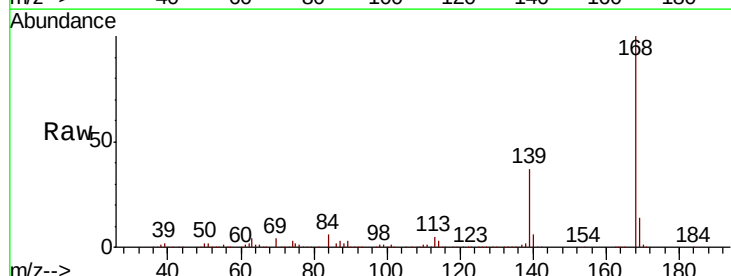
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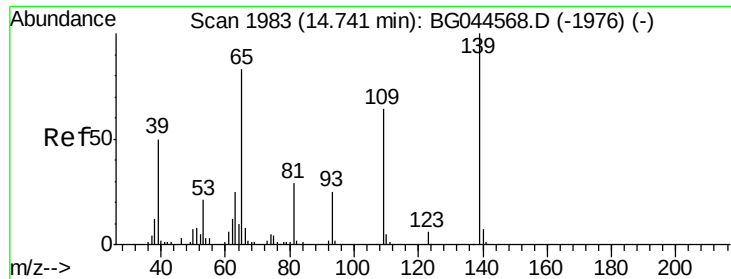
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#55
 Dibenzofuran
 Concen: 45.999 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	835926		
139	37.3	29.2	43.8	
169	14.3	11.0	16.6	





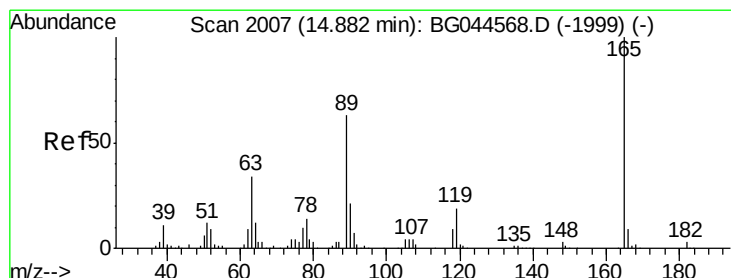
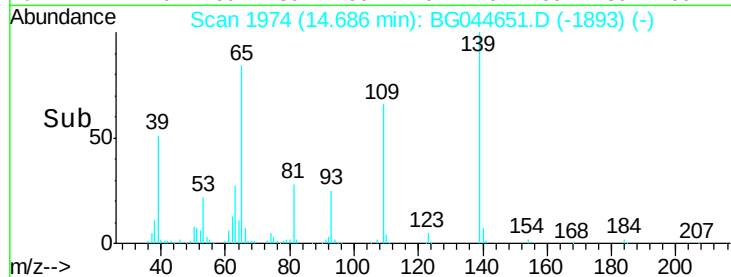
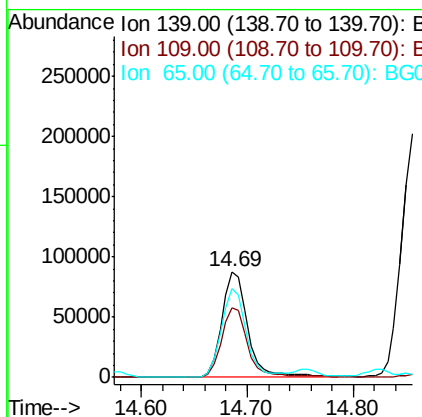
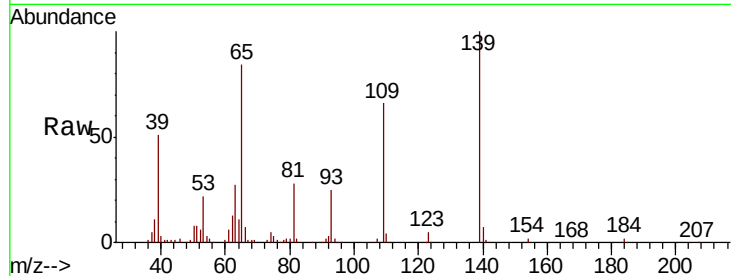
#56
4-Nitrophenol
Concen: 58.658 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleID :
PB127195BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.2	43.8	83.8	
65	84.2	63.6	103.6	

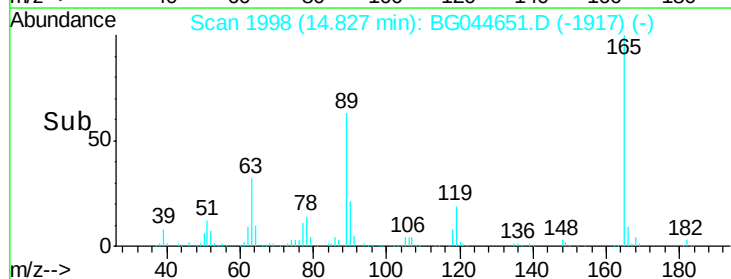
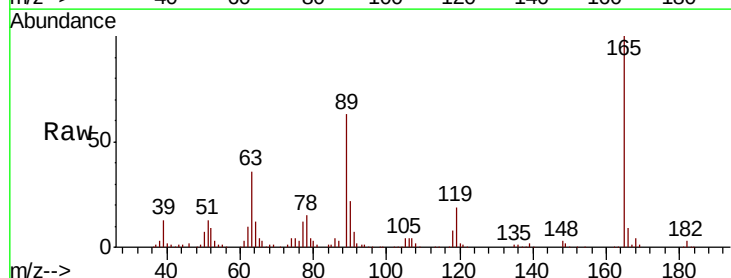
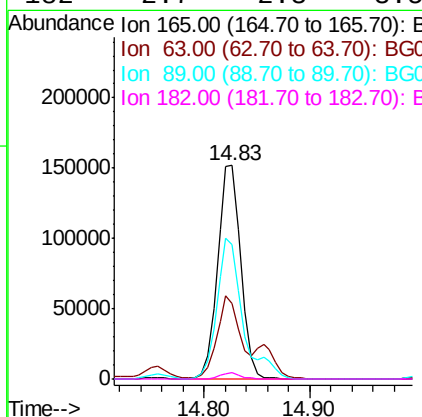
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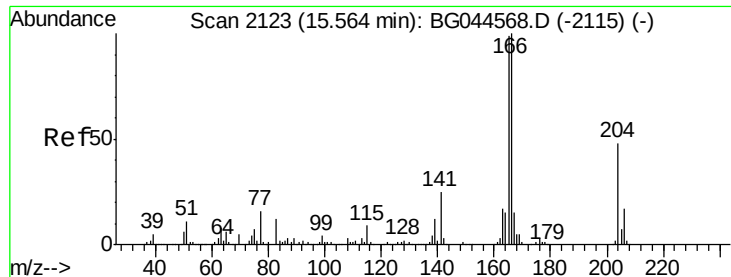
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#57
2,4-Dinitrotoluene
Concen: 47.762 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.6	27.5	41.3	
89	63.0	50.0	75.0	
182	2.7	2.3	3.5	





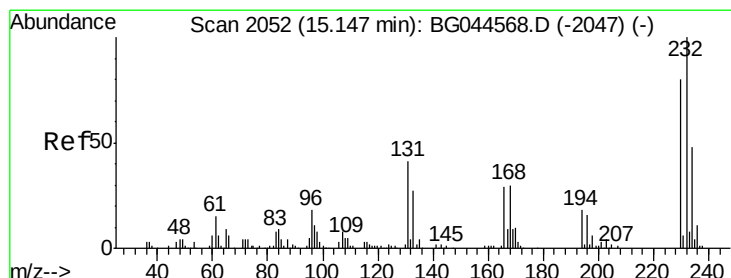
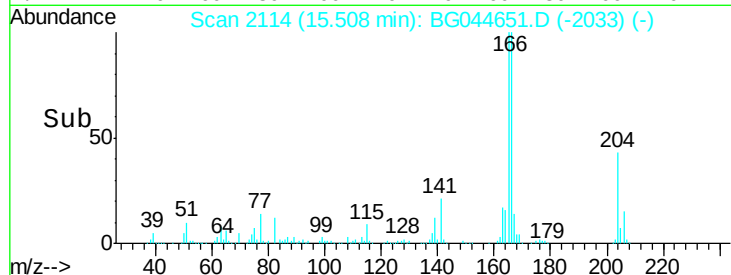
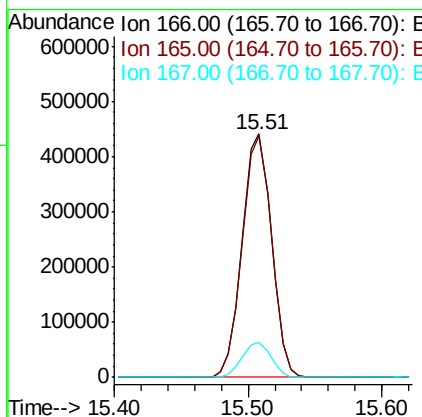
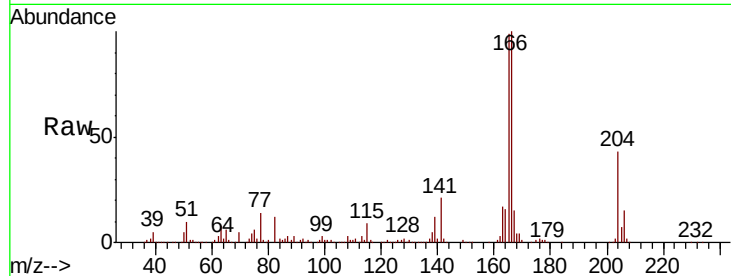
#58
 Fluorene
 Concen: 46.353 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.2	118.8
167	14.6	11.7	17.5

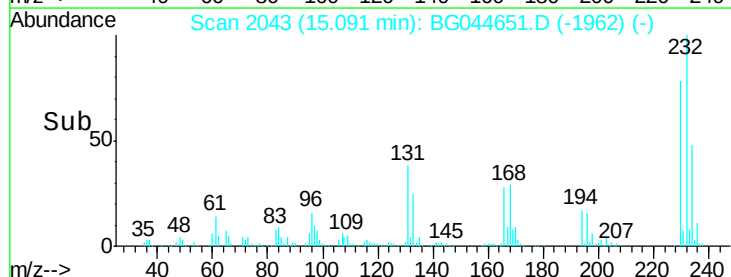
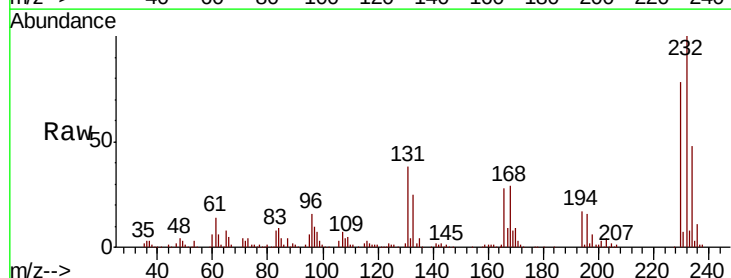
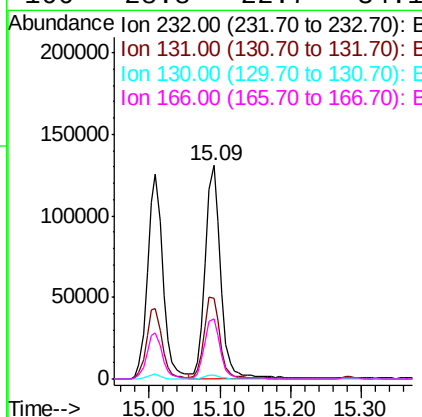
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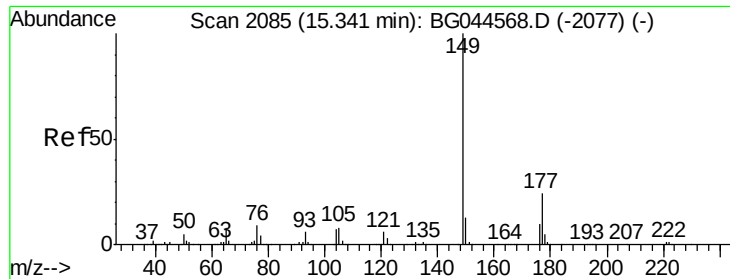
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.914 ng
 RT: 15.09 min Scan# 2043
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.0	31.8	47.6
130	2.1	1.8	2.6
166	28.8	22.7	34.1





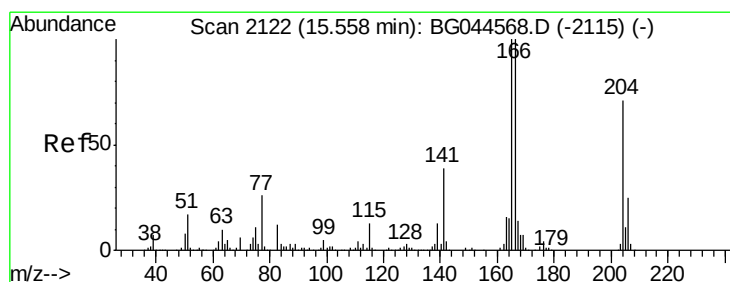
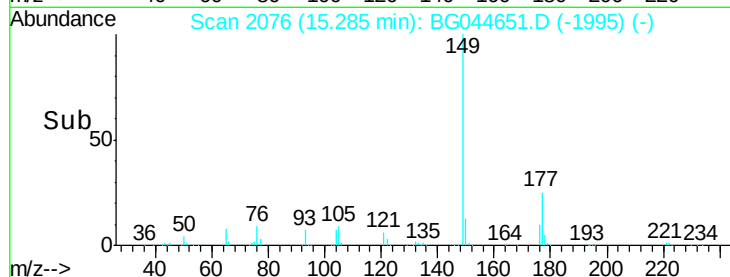
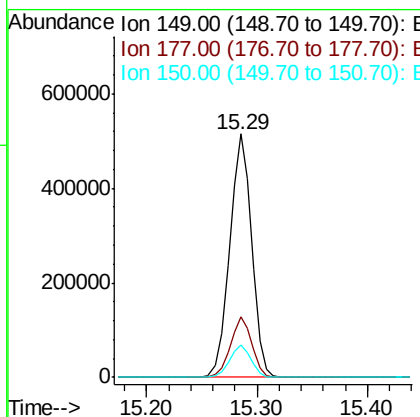
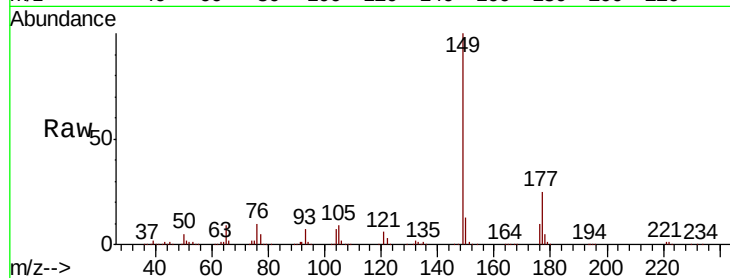
#60
Diethylphthalate
Concen: 46.046 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.2	28.8
150	13.1	10.2	15.4

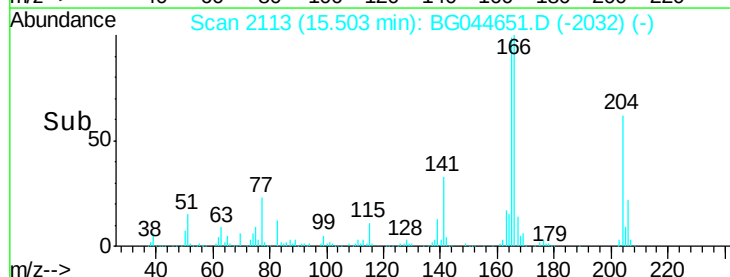
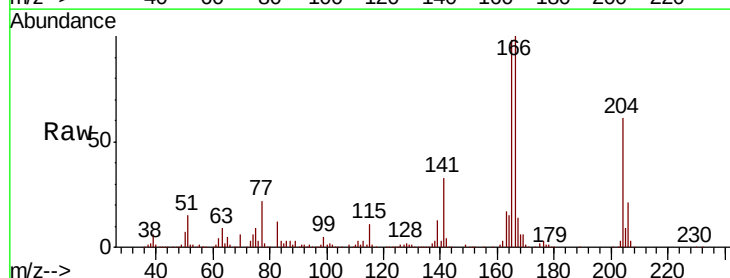
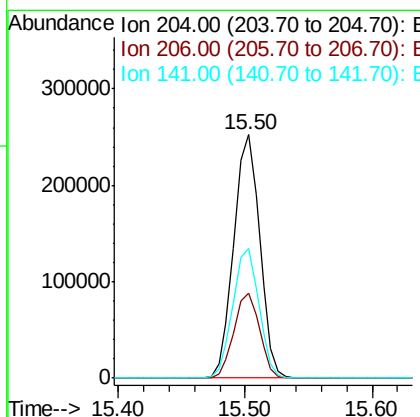
Manual Integrations
APPROVED

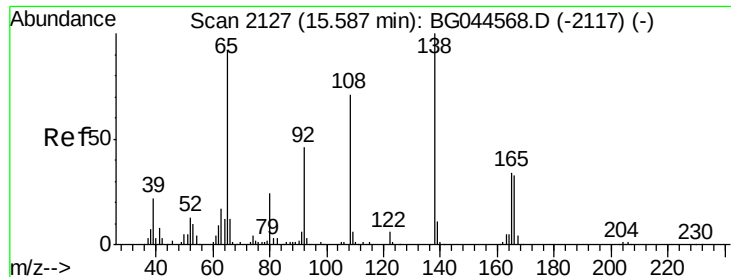
mohammad
3/3/2020 12:28:37 PM



#61
4-Chlorophenyl-phenylether
Concen: 45.589 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.8	41.8
141	53.2	43.8	65.8





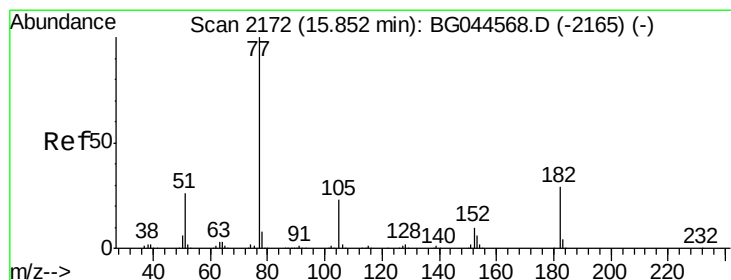
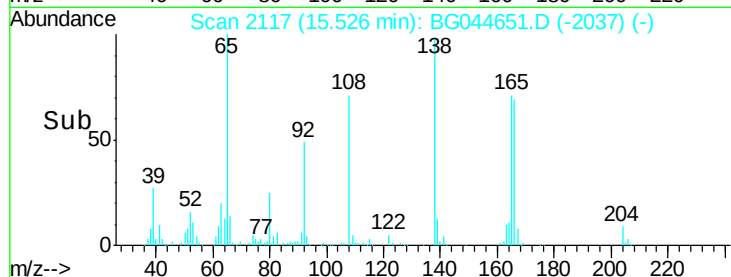
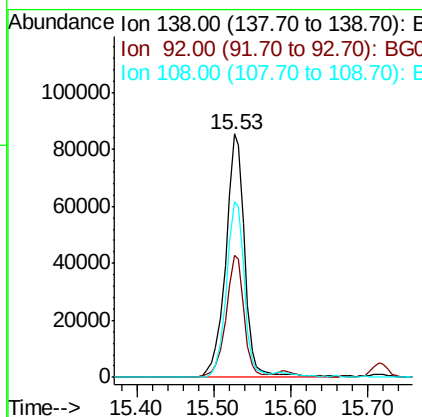
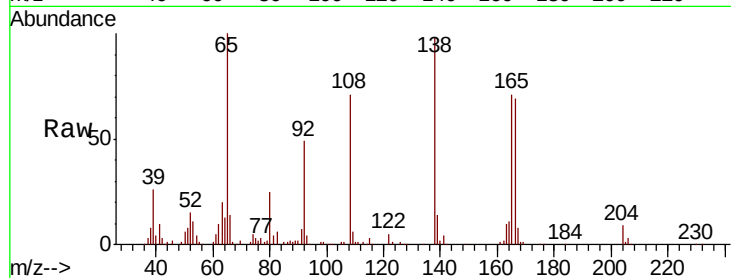
#62
4-Nitroaniline
Concen: 39.606 ng
RT: 15.53 min Scan# 2117
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampled :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.0	26.4	66.4
108	72.3	50.5	90.5

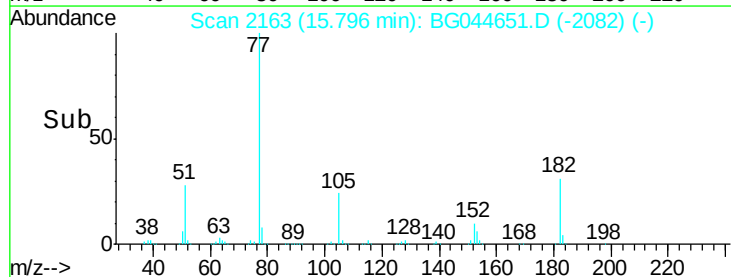
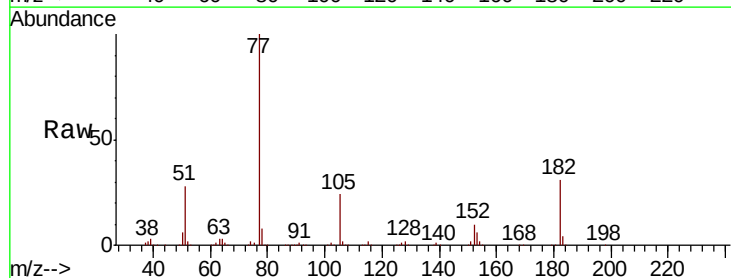
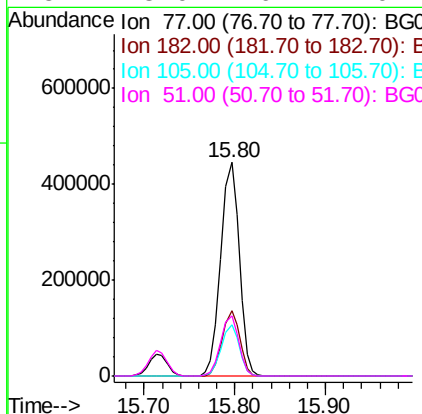
Manual Integrations
APPROVED

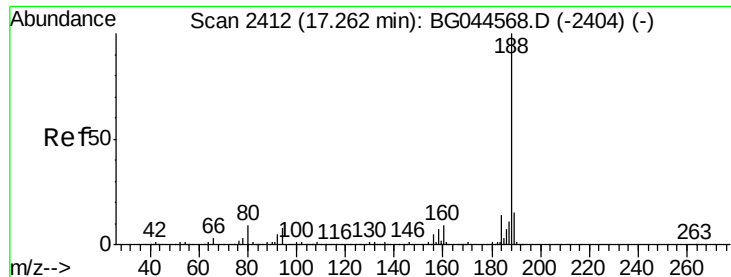
mohammad
3/3/2020 12:28:37 PM



#63
Azobenzene
Concen: 47.701 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.7	9.4	49.4
105	23.9	3.4	43.4
51	28.0	6.4	46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2402

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

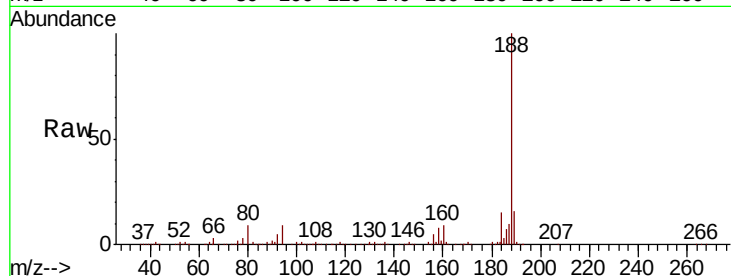
ClientSampleId :

PB127195BSD

Tot Ion:	188	Resp:	435330
Ion Ratio	Lower	Upper	
188	100		
94	8.9	6.7	10.1
80	9.3	7.6	11.4

Manual Integrations
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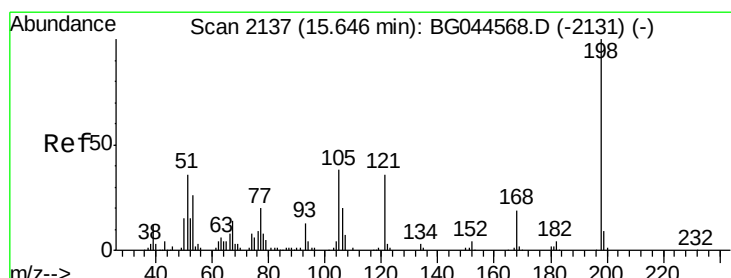
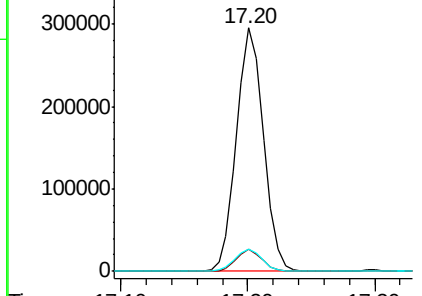
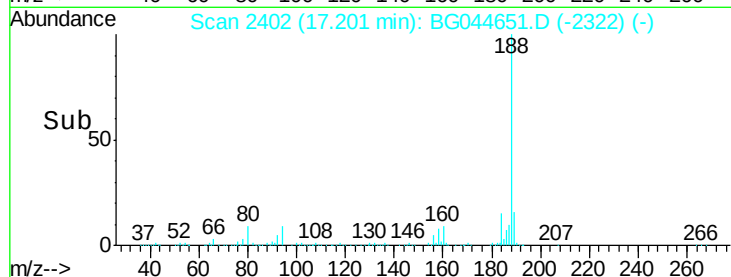


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.10 17.20 17.30



#65

4,6-Dinitro-2-methylphenol

Concen: 55.079 ng

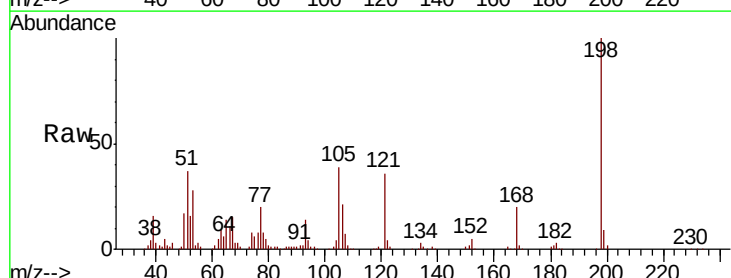
RT: 15.59 min Scan# 2128

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Tgt Ion:	198	Resp:	148466
Ion Ratio	Lower	Upper	
198	100		
51	37.1	17.0	57.0
105	39.4	18.4	58.4

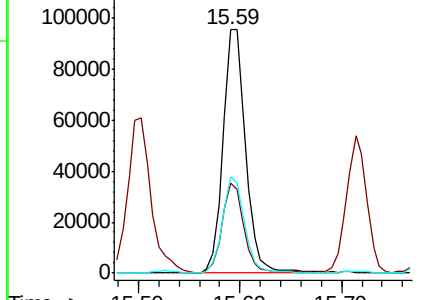
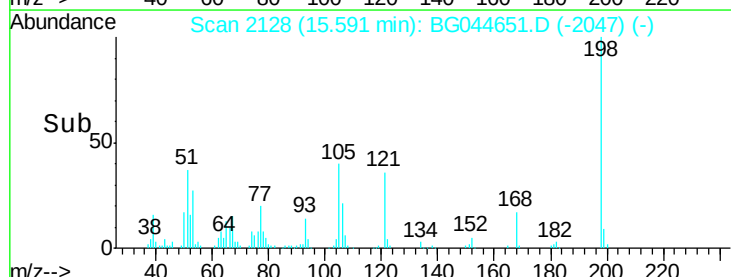


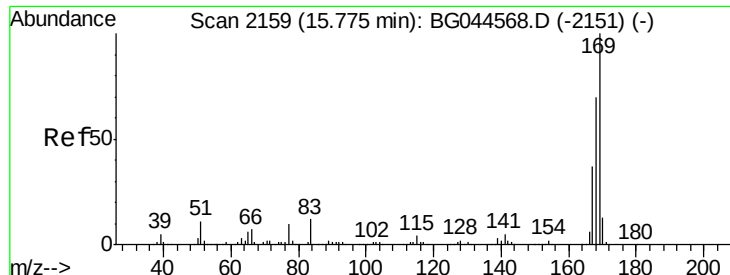
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

Time--> 15.50 15.60 15.70





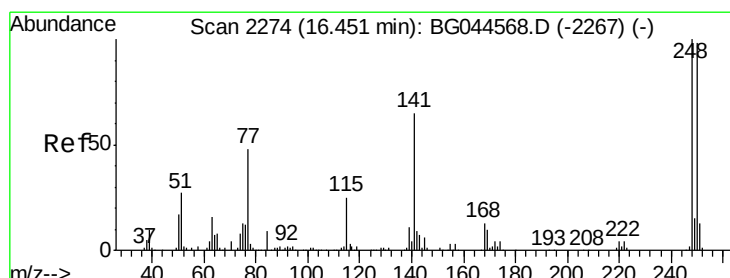
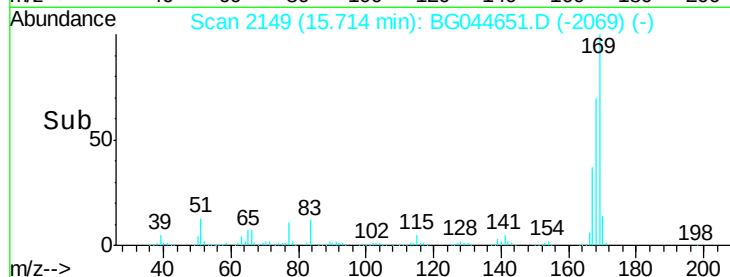
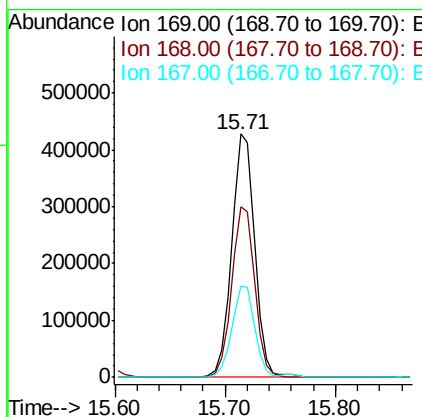
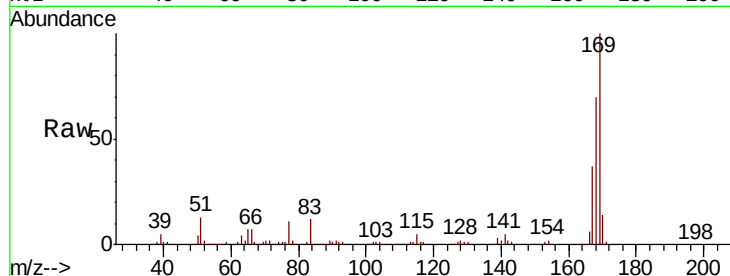
#66
n-Nitrosodiphenylamine
Concen: 45.752 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampled :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.0	56.1	84.1
167	37.4	29.4	44.0

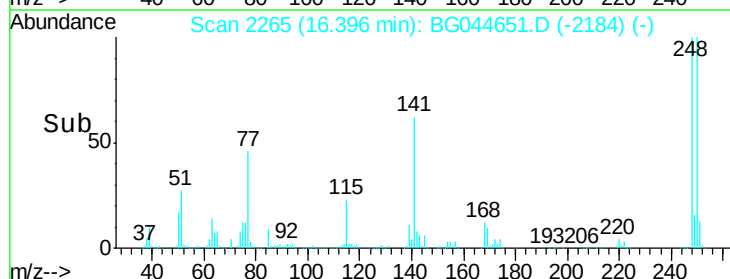
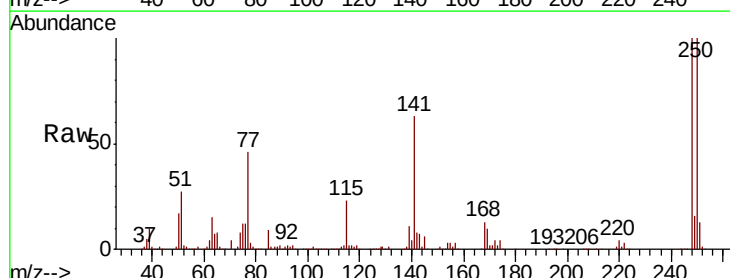
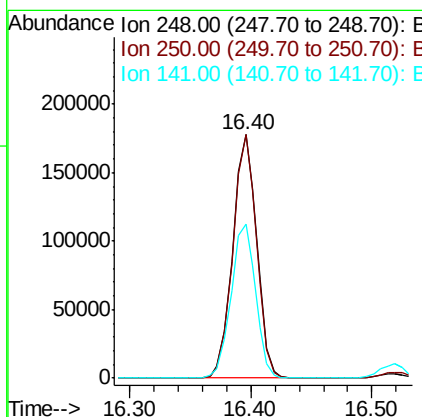
Manual Integrations
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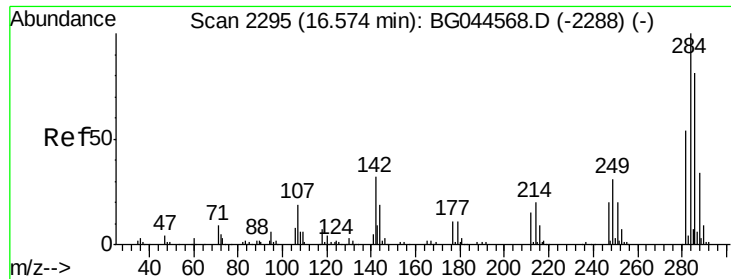
mohammad
3/3/2020 12:28:37 PM



#67
4-Bromophenyl-phenylether
Concen: 45.486 ng
RT: 16.40 min Scan# 2265
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.7	118.1
141	63.1	52.3	78.5





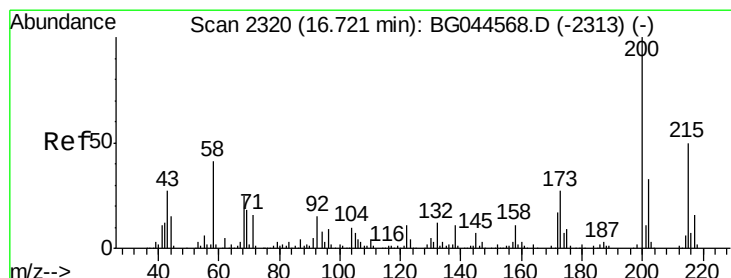
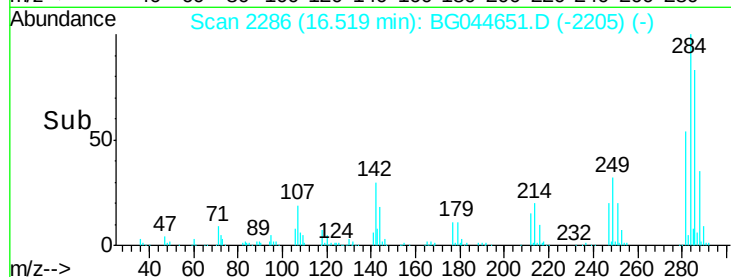
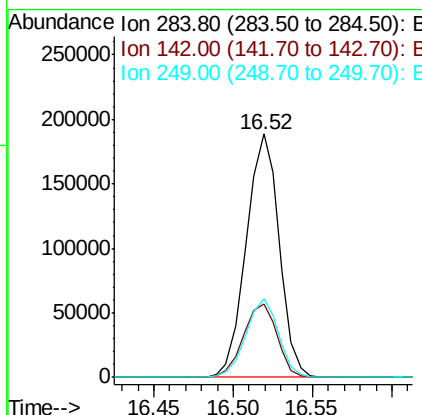
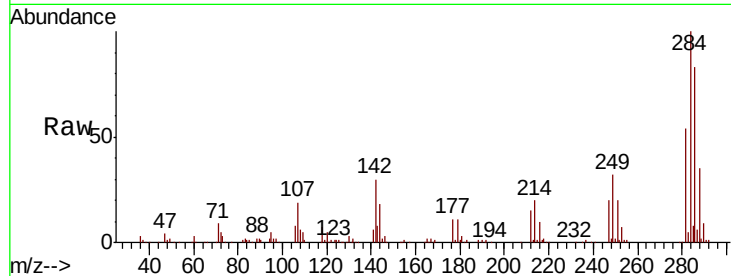
#68
Hexachlorobenzene
Concen: 44.536 ng
RT: 16.52 min Scan# 2286
Delta R.T. -0.06 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampled :
PB127195BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	272091		
142	30.3	25.6	38.4	
249	32.1	24.6	36.8	

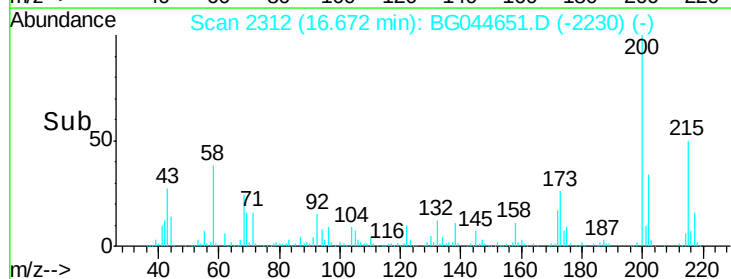
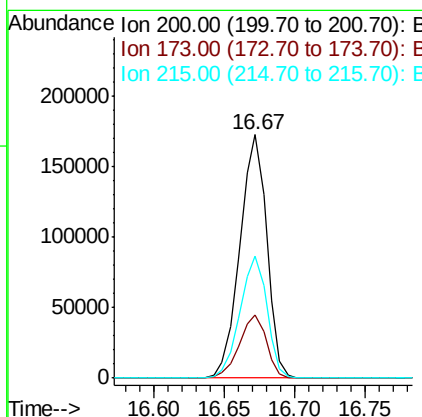
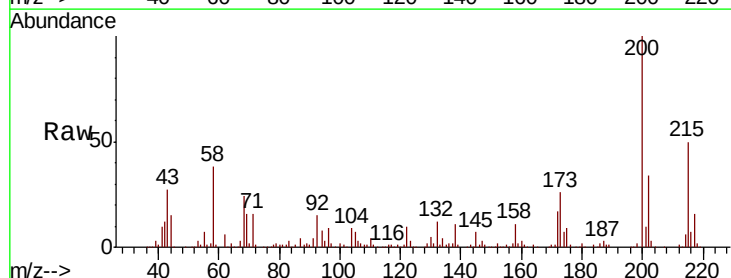
Manual Integrations
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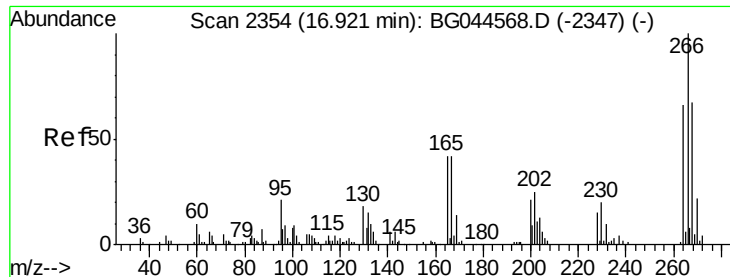
mohammad
3/3/2020 12:28:37 PM



#69
Atrazine
Concen: 46.129 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.05 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	231570		
173	26.1	6.6	46.6	
215	50.1	30.3	70.3	





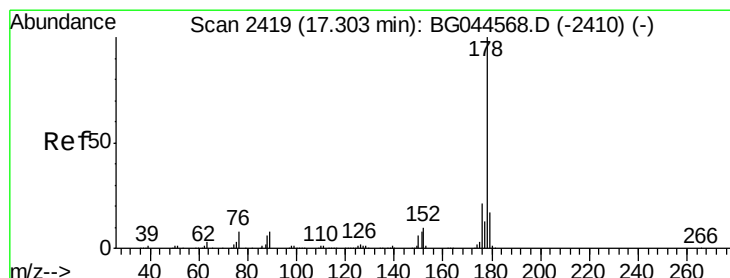
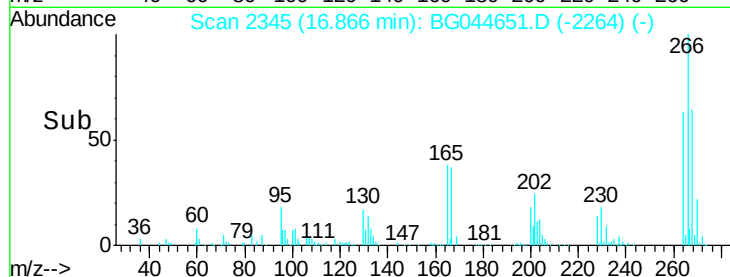
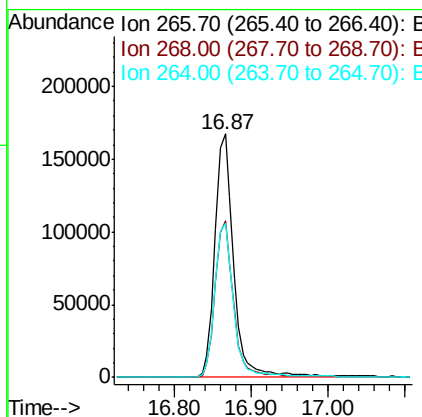
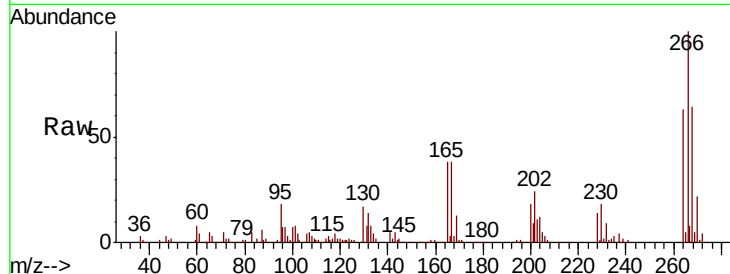
#70
 Pentachlorophenol
 Concen: 92.636 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127195BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.4	80.0
264	63.3	53.0	79.4

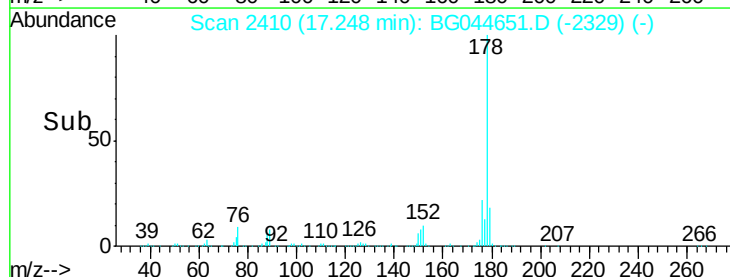
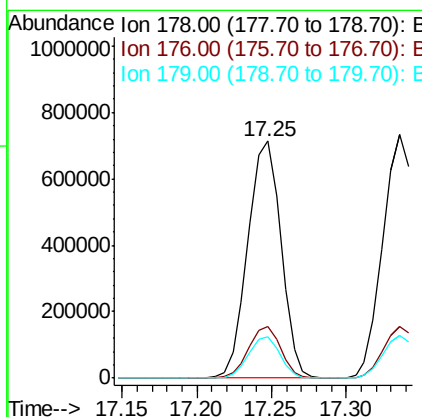
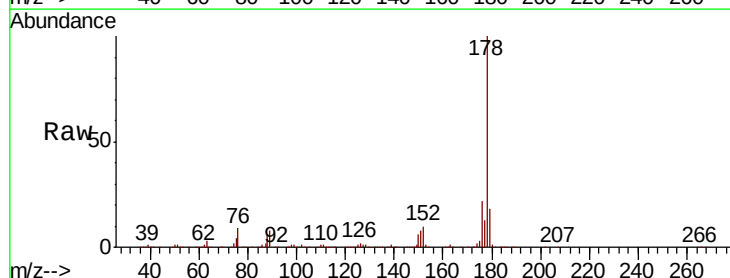
Manual Integrations
 APPROVED

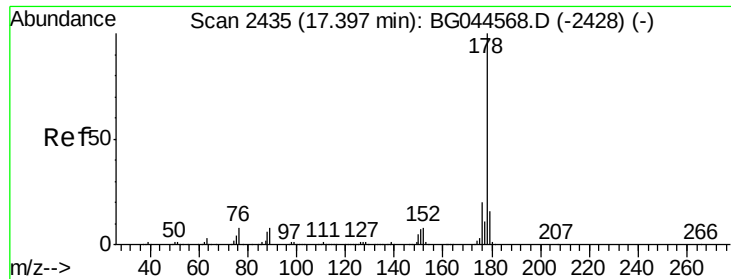
mohammad
 3/3/2020 12:28:37 PM



#71
 Phenanthrene
 Concen: 45.538 ng
 RT: 17.25 min Scan# 2410
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	16.6	25.0
179	17.6	13.3	19.9





#72

Anthracene

Concen: 47.448 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampled :

PB127195BSD

Tot Ion:178 Resp: 1126968

Ion Ratio Lower Upper

178 100

176 21.4 15.9 23.9

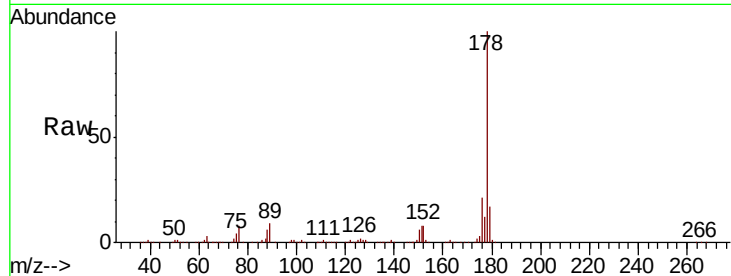
179 17.4 13.1 19.7

Manual Integrations

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mohammad

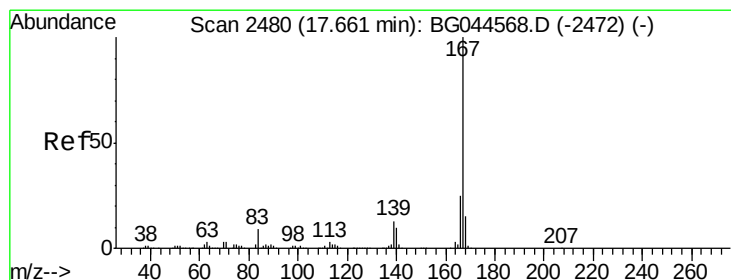
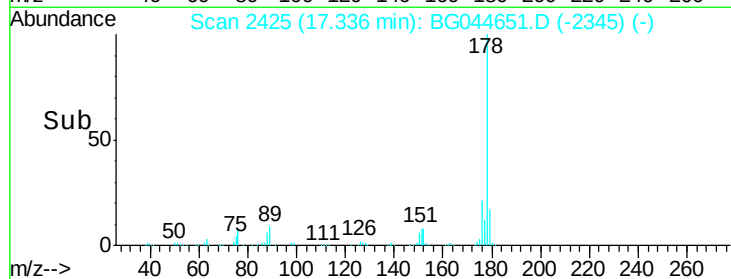
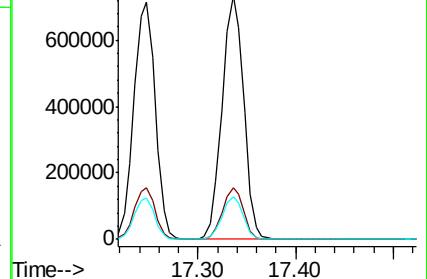
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 46.275 ng

RT: 17.61 min Scan# 2471

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

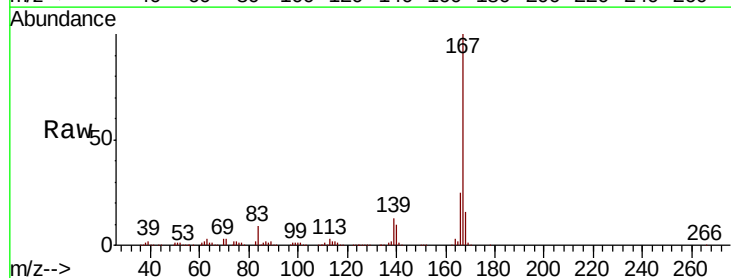
Tgt Ion:167 Resp: 1000448

Ion Ratio Lower Upper

167 100

166 24.9 19.7 29.5

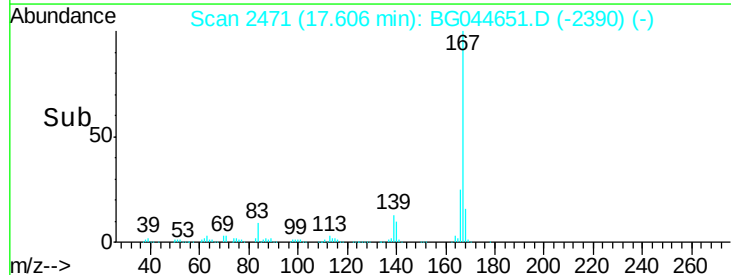
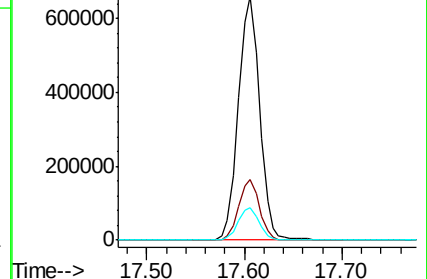
139 13.5 10.6 15.8

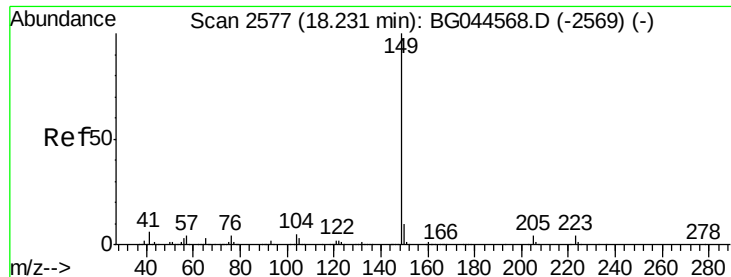


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 44.700 ng

RT: 18.18 min Scan# 2568

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

Tot Ion:149 Resp: 1210984

Ion Ratio Lower Upper

149 100

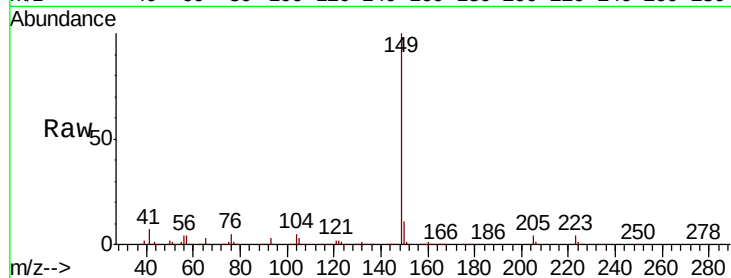
150 10.7 7.8 11.8

104 5.4 4.0 6.0

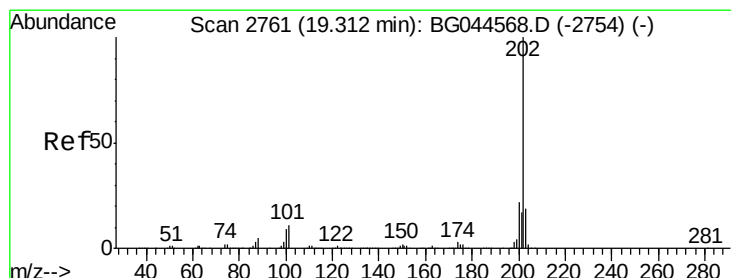
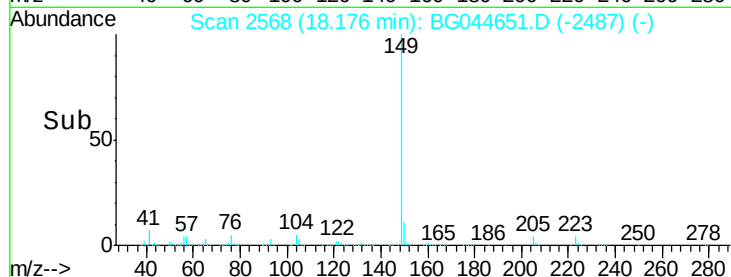
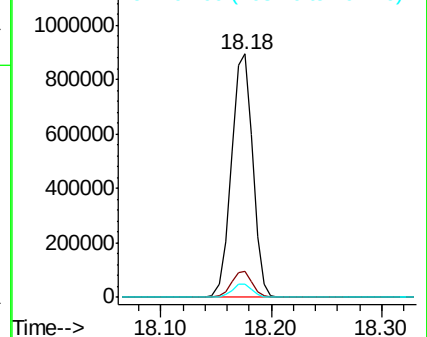
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 46.024 ng

RT: 19.26 min Scan# 2752

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

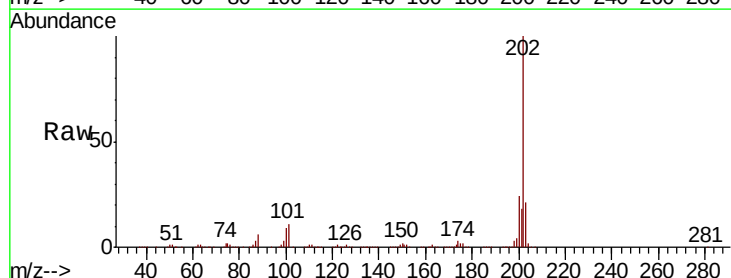
Tgt Ion:202 Resp: 1313120

Ion Ratio Lower Upper

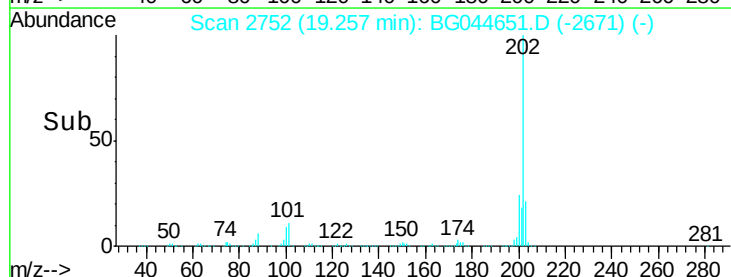
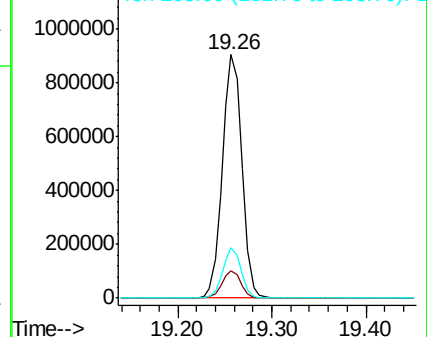
202 100

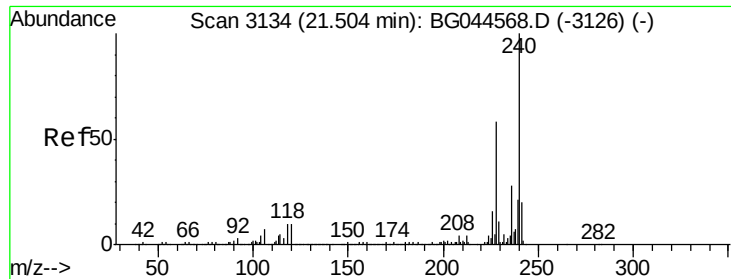
101 11.3 0.0 31.0

203 20.7 0.0 39.2



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: 21.44 min Scan# 3123

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

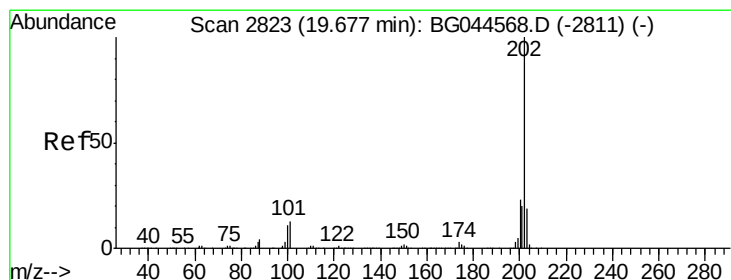
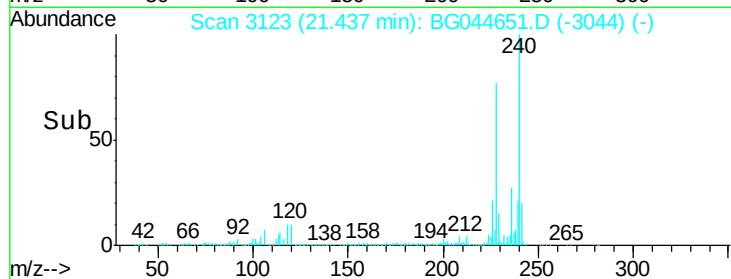
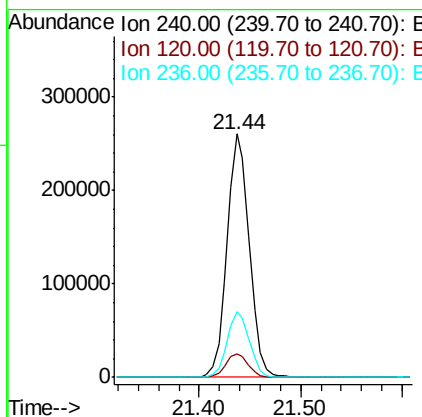
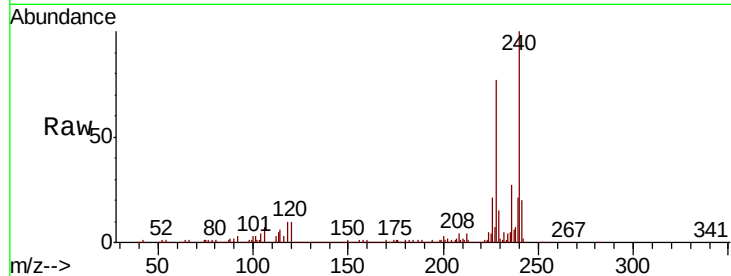
PB127195BSD

Tot Ion:	240	Resp:	394426
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.3	12.5
236	27.1	22.3	33.5

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#78

Pyrene

Concen: 46.144 ng

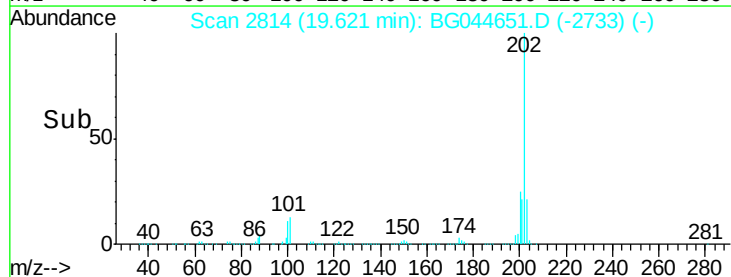
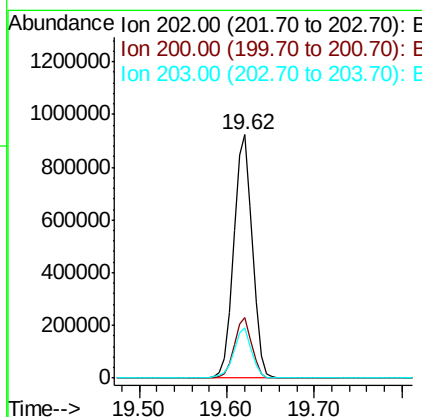
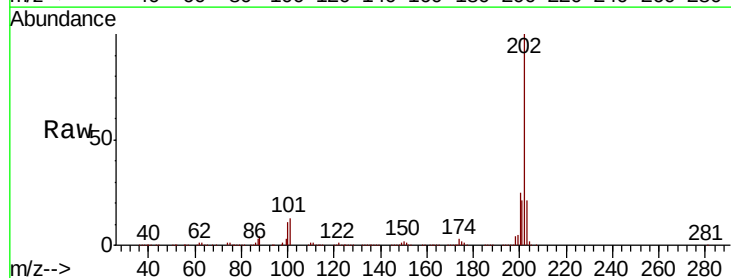
RT: 19.62 min Scan# 2814

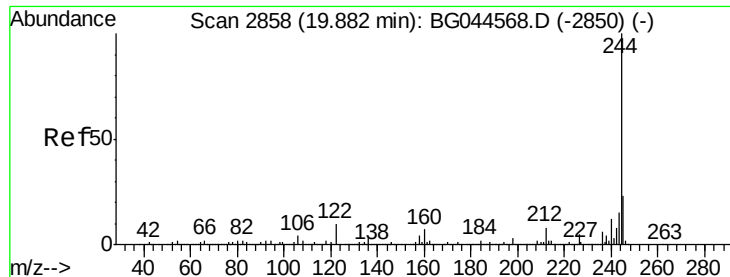
Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Tgt Ion:	202	Resp:	1321197
Ion Ratio	Lower	Upper	
202	100		
200	25.1	18.6	28.0
203	20.7	15.3	22.9





#79

Terphenyl-d14

Concen: 85.916 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

Tot Ion:244 Resp: 1790093

Ion Ratio Lower Upper

244 100

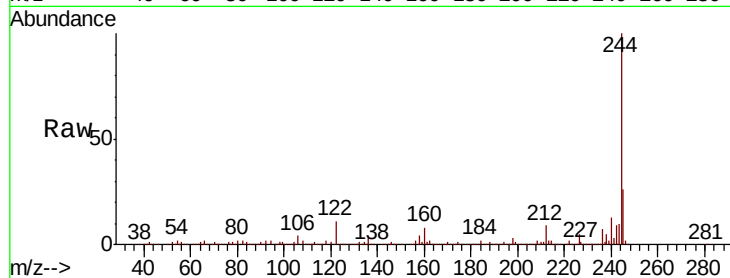
212 8.9 6.5 9.7

122 11.3 8.2 12.4

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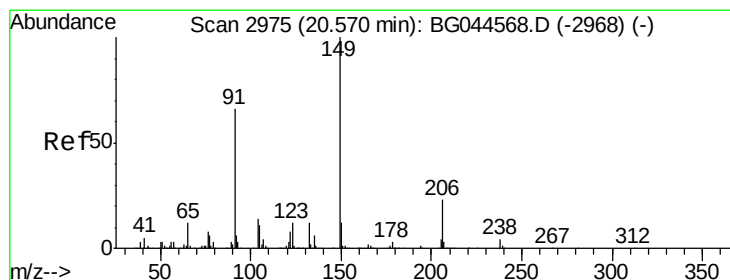
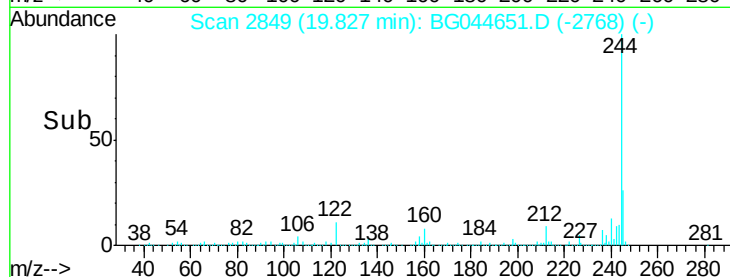
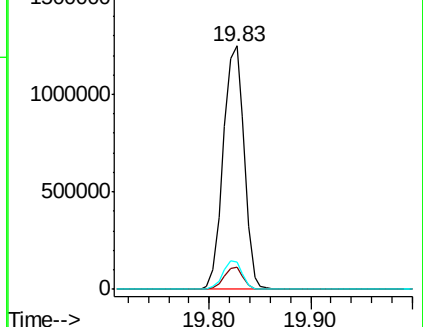
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.494 ng

RT: 20.51 min Scan# 2966

Delta R.T. -0.06 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

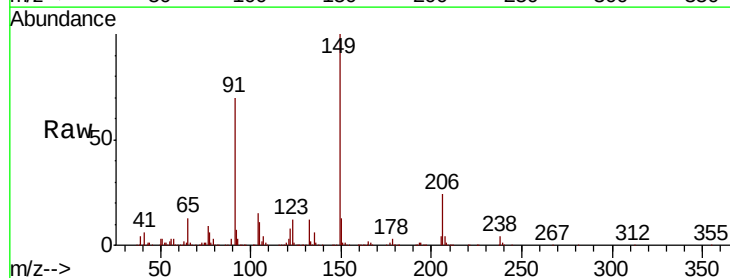
Tgt Ion:149 Resp: 557242

Ion Ratio Lower Upper

149 100

91 69.9 52.7 79.1

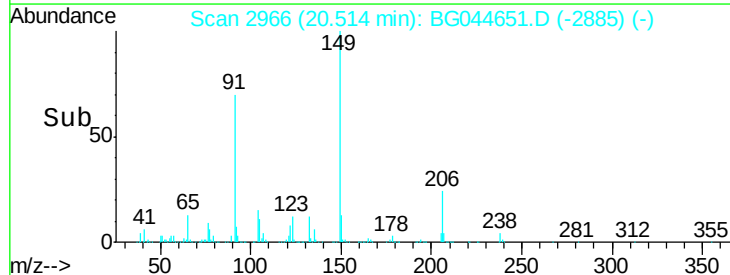
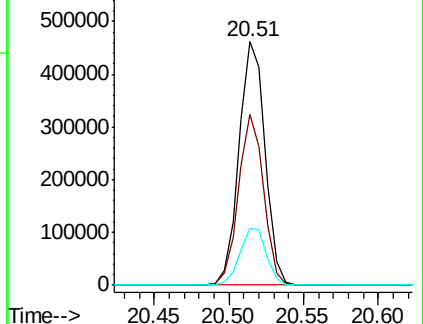
206 23.5 18.6 28.0

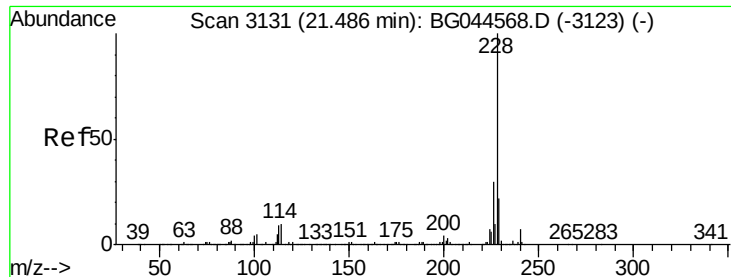


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.982 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

Tot Ion:228 Resp: 1274688

Ion Ratio Lower Upper

228 100

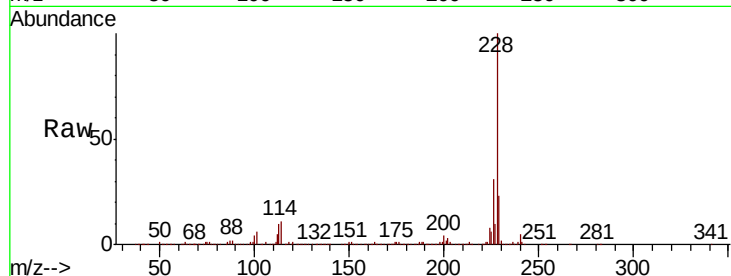
226 30.9 23.8 35.8

229 22.9 17.2 25.8

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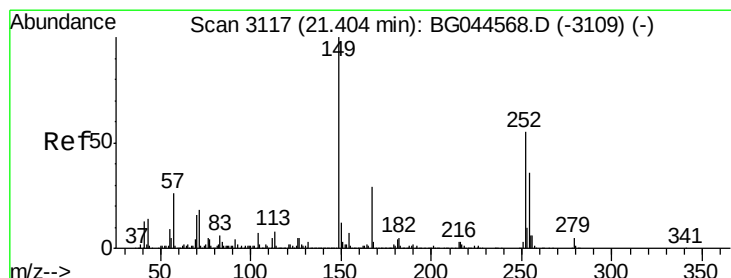
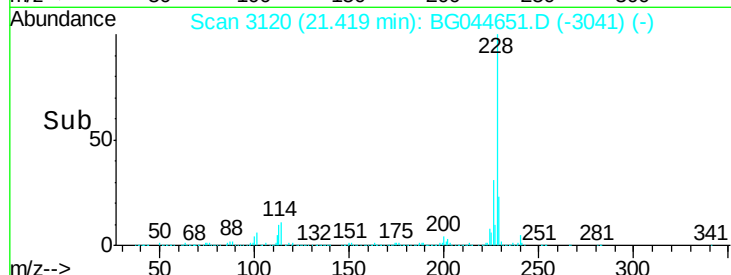
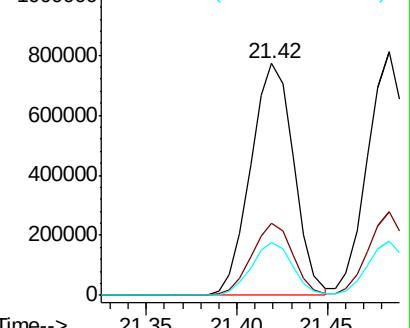
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.975 ng

RT: 21.34 min Scan# 3106

Delta R.T. -0.07 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

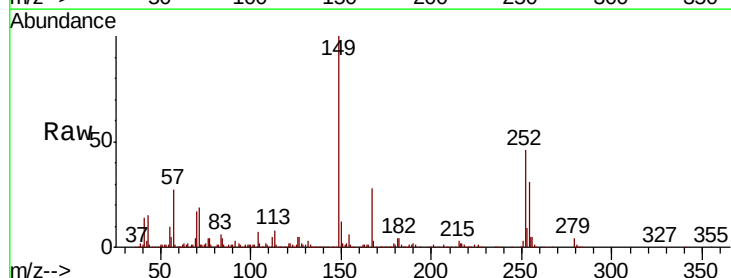
Tgt Ion:252 Resp: 251617

Ion Ratio Lower Upper

252 100

254 66.4 51.5 77.3

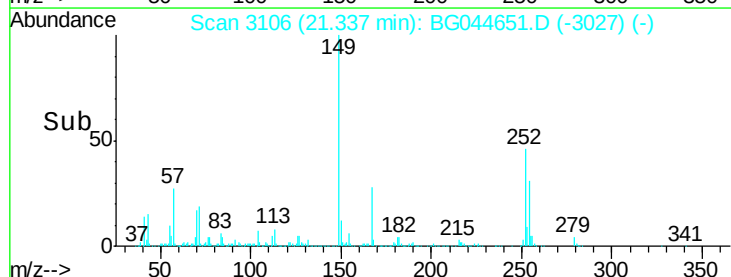
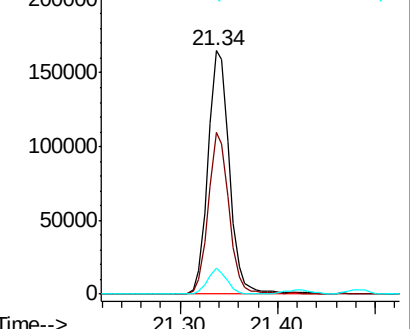
126 10.6 7.8 11.6

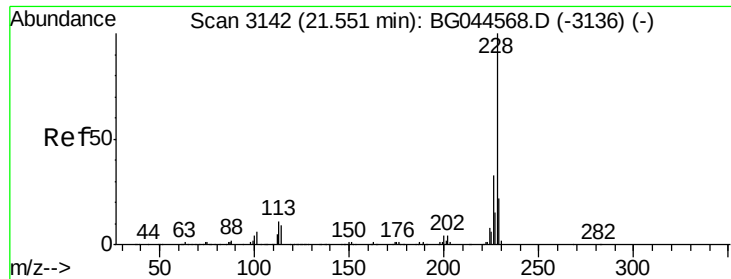


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





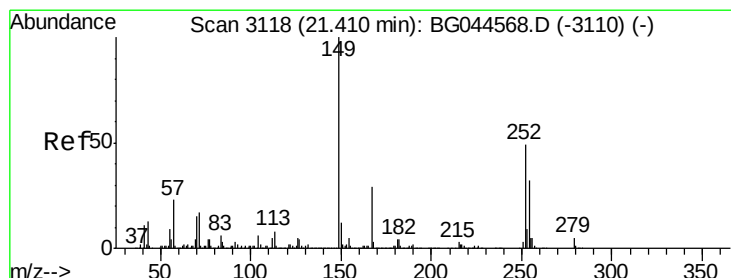
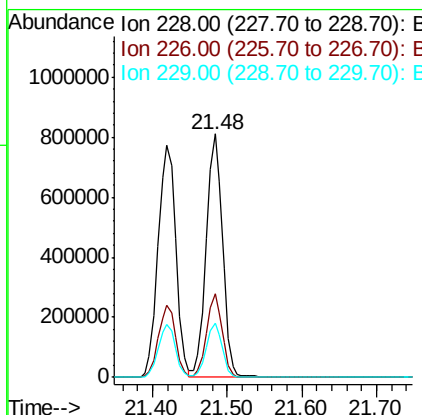
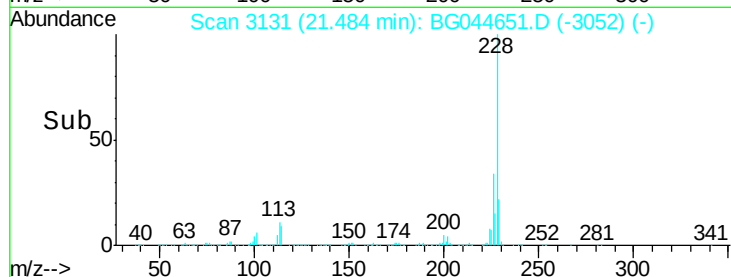
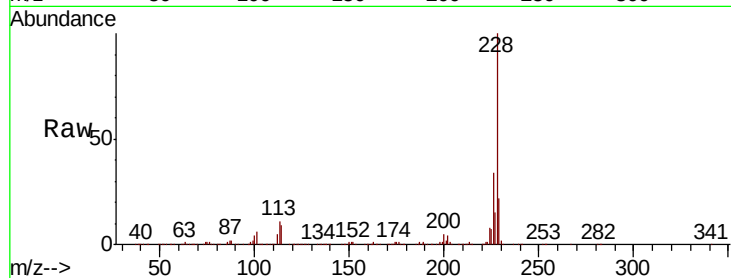
#83
 Chrysene
 Concen: 45.944 ng
 RT: 21.48 min Scan# 3131
 Delta R.T. -0.07 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Instrument :
 BNA_G
 ClientSampleID :
 PB127195BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.1	39.1
229	22.5	17.2	25.8

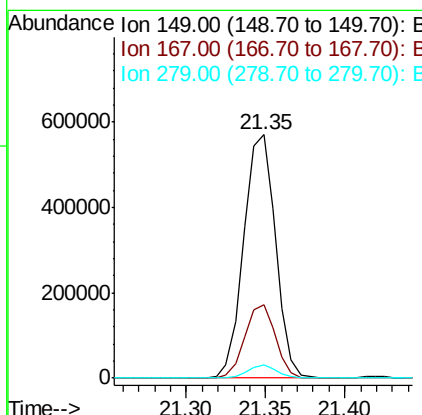
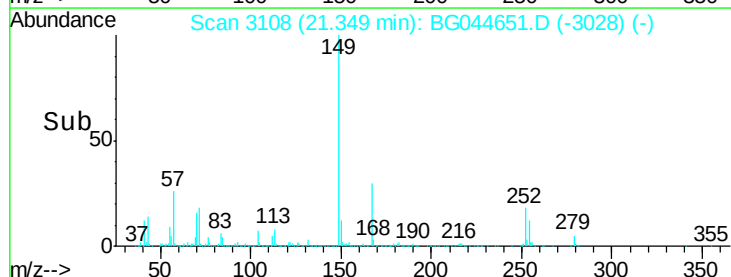
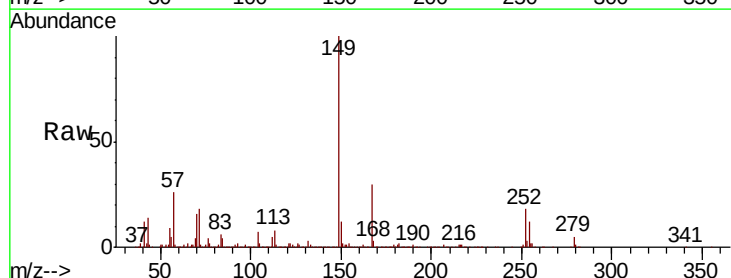
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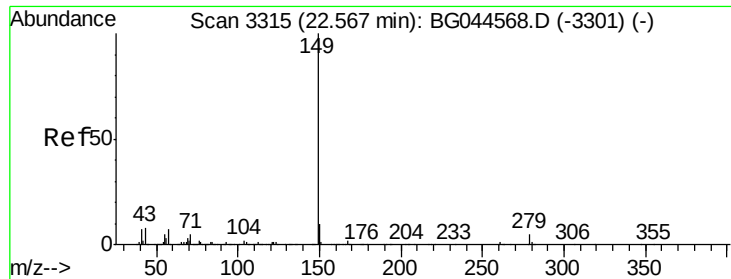
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.120 ng
 RT: 21.35 min Scan# 3108
 Delta R.T. -0.06 min
 Lab File: BG044651.D
 Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.4	35.0
279	5.2	4.2	6.4





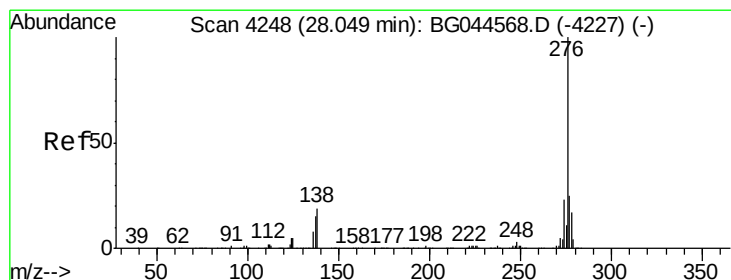
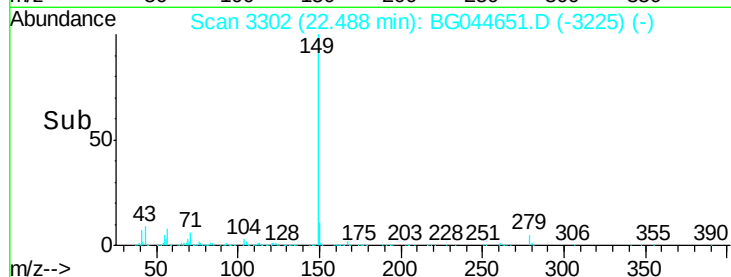
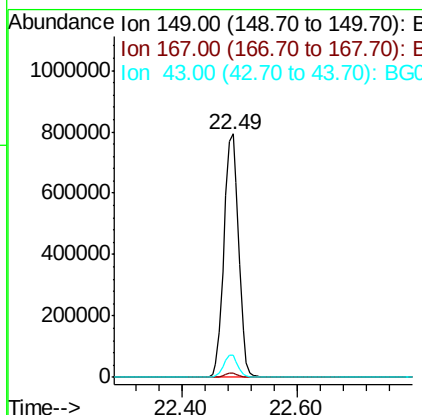
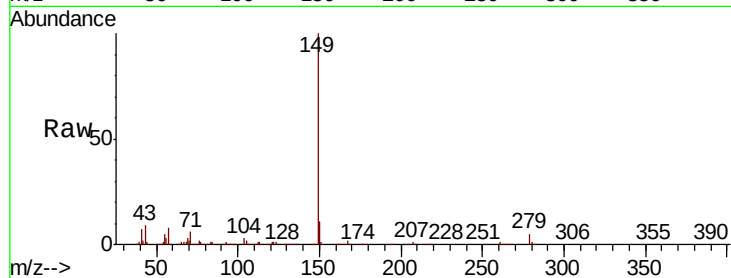
#85
Di-n-octyl phthalate
Concen: 45.852 ng
RT: 22.49 min Scan# 3302
Delta R.T. -0.08 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	6.6	10.0

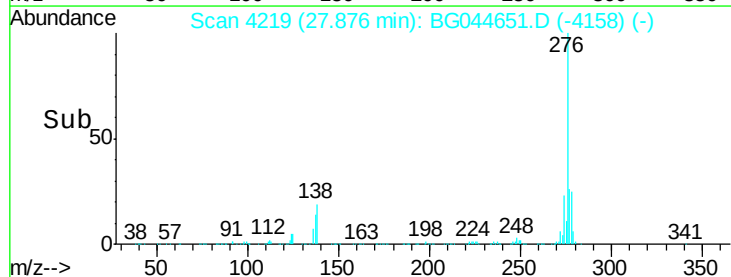
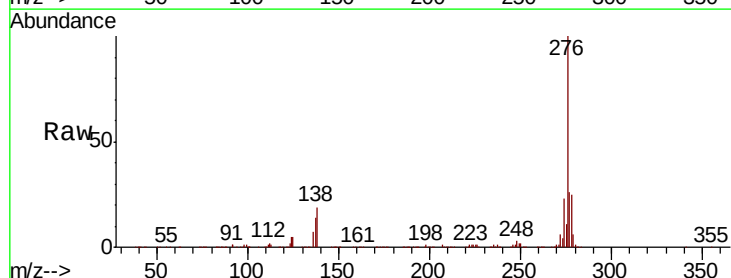
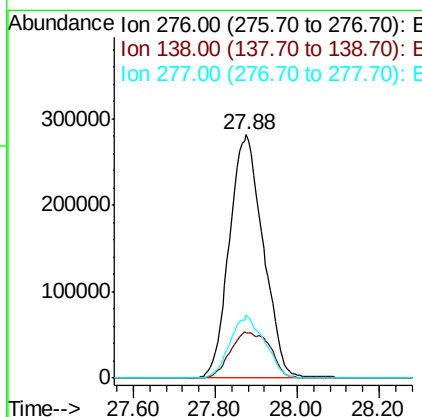
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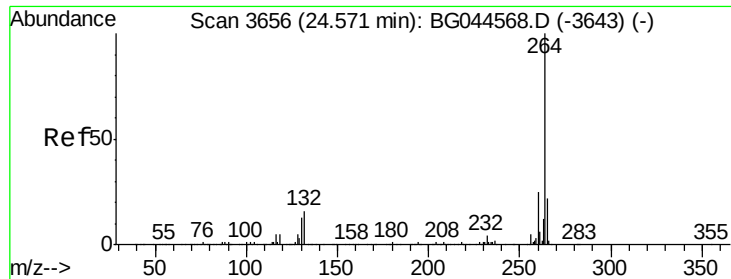
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.903 ng
RT: 27.88 min Scan# 4219
Delta R.T. -0.17 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.2	27.4
277	26.3	20.7	31.1





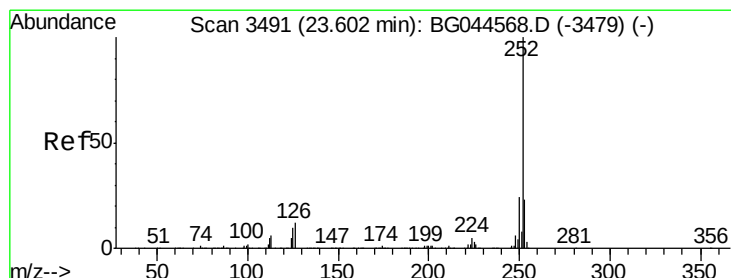
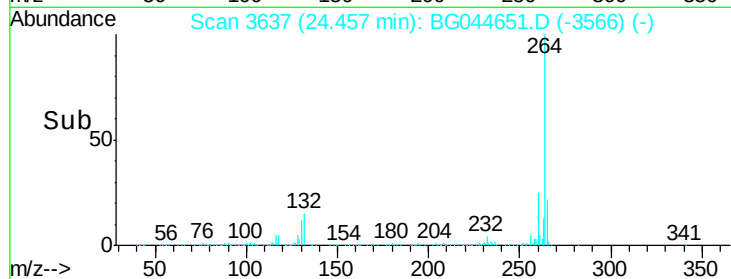
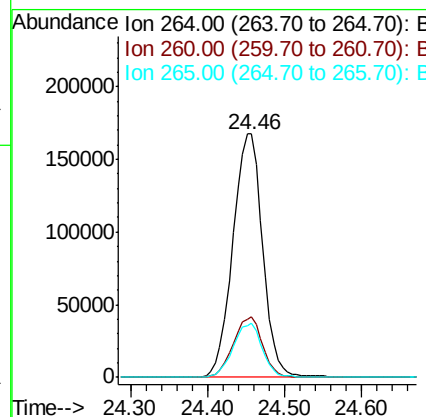
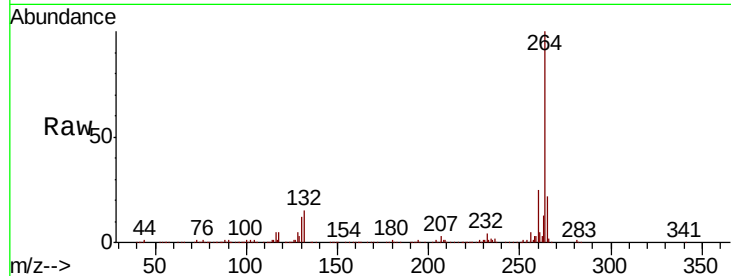
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.46 min Scan# 3637
Delta R.T. -0.11 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.2	17.8	26.8

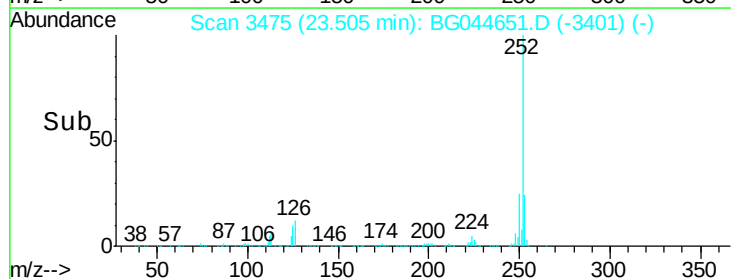
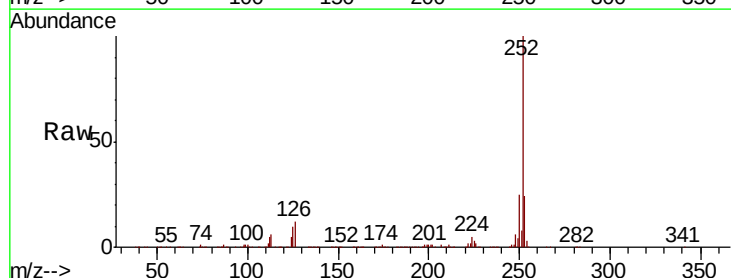
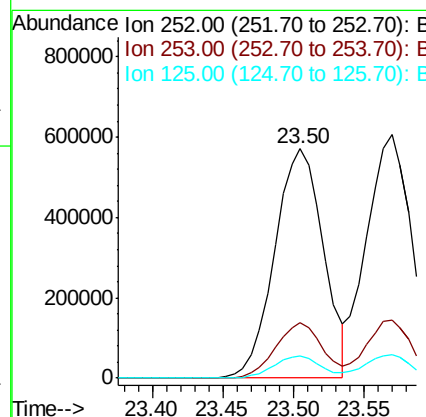
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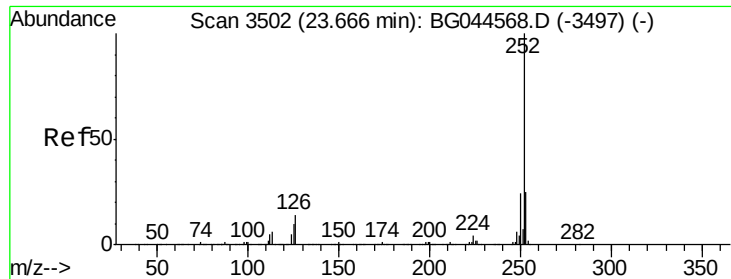
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.202 ng
RT: 23.50 min Scan# 3475
Delta R.T. -0.10 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	9.6	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 46.966 ng

RT: 23.57 min Scan# 3486

Delta R.T. -0.10 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

Instrument :

BNA_G

ClientSampleId :

PB127195BSD

Tot Ion:252 Resp: 1353947

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.6

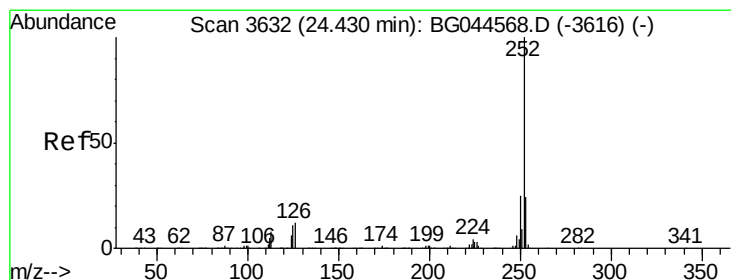
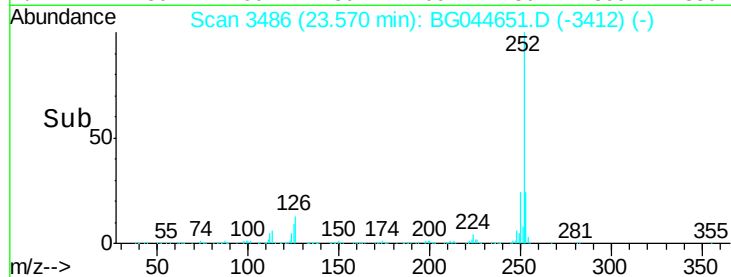
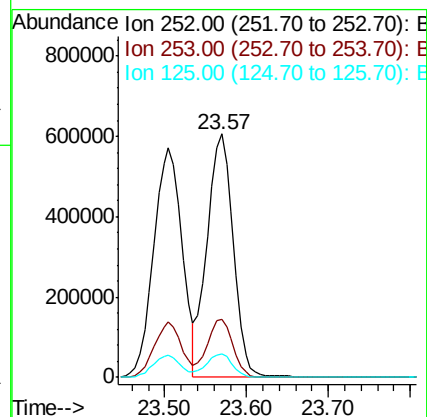
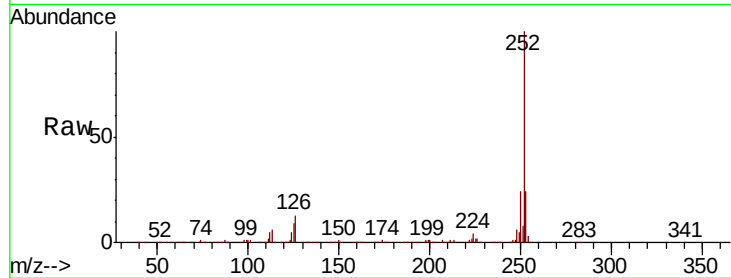
125 9.4 7.8 11.8

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#90

Benzo(a)pyrene

Concen: 45.215 ng

RT: 24.32 min Scan# 3613

Delta R.T. -0.11 min

Lab File: BG044651.D

Acq: 3 Mar 2020 4:22

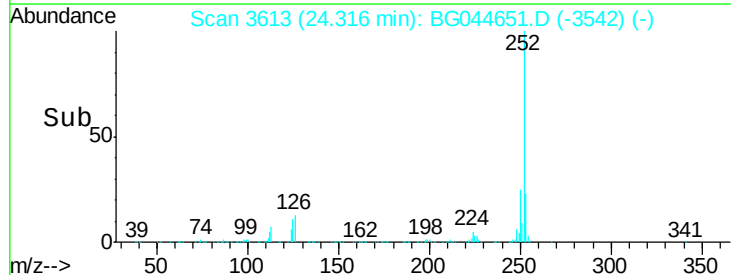
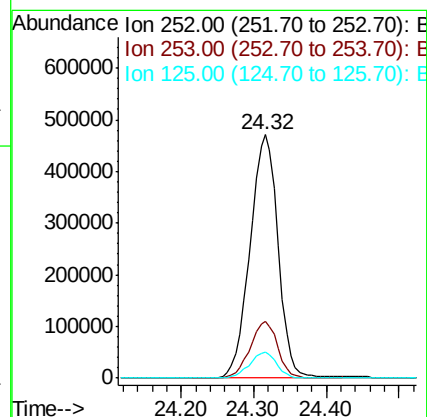
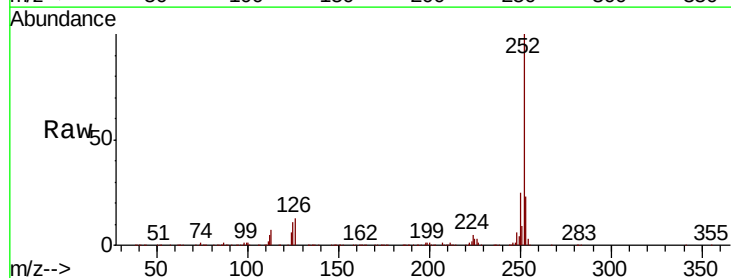
Tgt Ion:252 Resp: 1262171

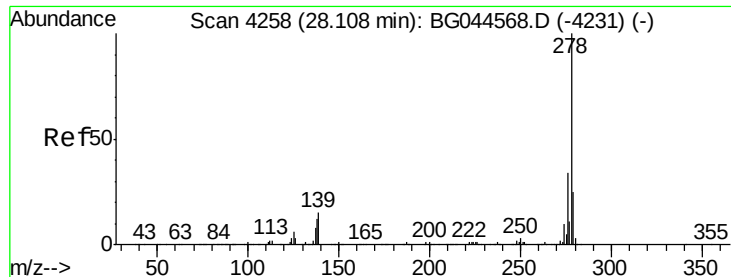
Ion Ratio Lower Upper

252 100

253 23.1 19.0 28.4

125 10.5 8.5 12.7





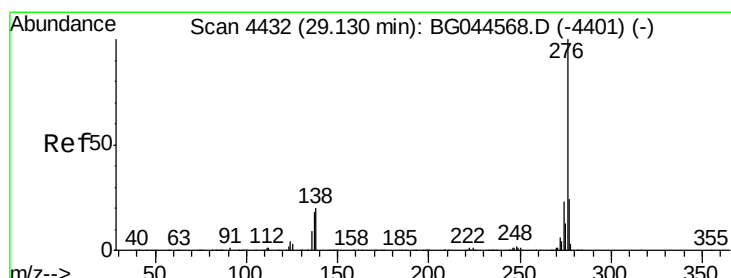
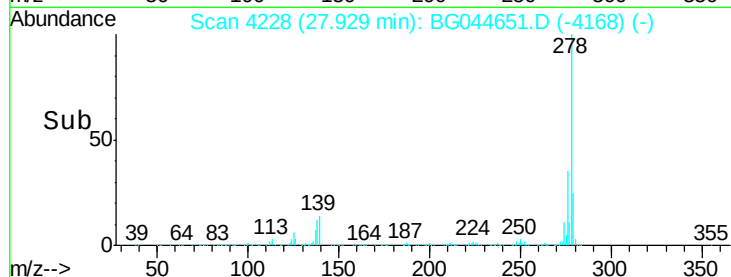
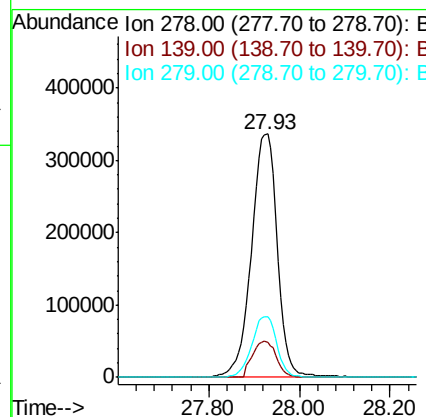
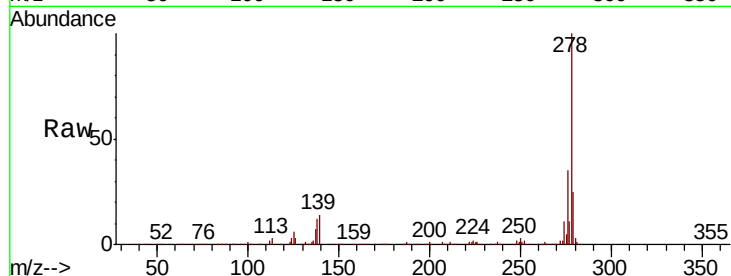
#91
Dibenzo(a,h)anthracene
Concen: 48.056 ng
RT: 27.93 min Scan# 4228
Delta R.T. -0.18 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Instrument :
BNA_G
ClientSampleId :
PB127195BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	25.0	19.8	29.6

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#92
Benzo(g,h,i)perylene
Concen: 49.230 ng
RT: 28.94 min Scan# 4400
Delta R.T. -0.19 min
Lab File: BG044651.D
Acq: 3 Mar 2020 4:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	18.6	16.1	24.1

