

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044747.D
 Acq On : 12 Mar 2020 23:28
 Operator : CG/JU
 Sample : PB127447BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127447BS

Manual Integrations
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Quant Time: Mar 13 07:29:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	107410	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	442694	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	301205	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	676738	20.00	ng	0.00
76) Chrysene-d12	21.70	240	566829	20.00	ng	0.00
87) Perylene-d12	24.92	264	671466	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	928297	134.54	ng	0.00
7) Phenol-d6	7.21	99	1300351	129.71	ng	0.00
23) Nitrobenzene-d5	9.21	82	839684	83.23	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	503575	127.69	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1709314	81.27	ng	0.00
79) Terphenyl-d14	20.04	244	2568038	84.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	122729	36.937	ng	95
3) Pyridine	3.91	79	312401	31.760	ng	98
4) n-Nitrosodimethylamine	3.83	42	166738	44.677	ng	94
6) Aniline	7.37	93	520077	41.692	ng	99
8) 2-Chlorophenol	7.61	128	348981	50.666	ng	97
9) Benzaldehyde	7.18	77	282486	49.406	ng	98
10) Phenol	7.24	94	475269	47.886	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	338680	42.757	ng	97
12) 1,3-Dichlorobenzene	7.94	146	357323	42.113	ng	99
13) 1,4-Dichlorobenzene	8.09	146	356737	42.528	ng	95
14) 1,2-Dichlorobenzene	8.41	146	334296	42.021	ng	98
15) Benzyl Alcohol	8.28	79	375105	46.634	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	556434	39.806	ng	98
17) 2-Methylphenol	8.49	107	318094	47.314	ng	92
18) Hexachloroethane	9.15	117	140335	42.494	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	299424	42.299	ng	98
20) 3+4-Methylphenols	8.82	107	450900	48.653	ng	98
22) Acetophenone	8.87	105	524850	41.849	ng	99
24) Nitrobenzene	9.25	77	447221	42.723	ng	99
25) Isophorone	9.78	82	827825	42.044	ng	97
26) 2-Nitrophenol	9.97	139	176876	48.594	ng	94
27) 2,4-Dimethylphenol	10.03	122	338118	52.732	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	475048	40.428	ng	95
29) 2,4-Dichlorophenol	10.51	162	353319	47.177	ng	100
30) 1,2,4-Trichlorobenzene	10.72	180	366769	40.957	ng	96
31) Naphthalene	10.91	128	1031017	42.043	ng	100
32) Benzoic acid	10.16	122	215406	44.106	ng	97
33) 4-Chloroaniline	11.01	127	344475	31.178	ng	99
34) Hexachlorobutadiene	11.21	225	234462	39.814	ng	96
35) Caprolactam	11.78	113	127159m	44.844	ng	
36) 4-Chloro-3-methylphenol	12.13	107	408731	45.760	ng	94
37) 2-Methylnaphthalene	12.51	142	773648	42.174	ng	100
38) 1-Methylnaphthalene	12.74	142	738633	42.829	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	397504	40.073	ng	98

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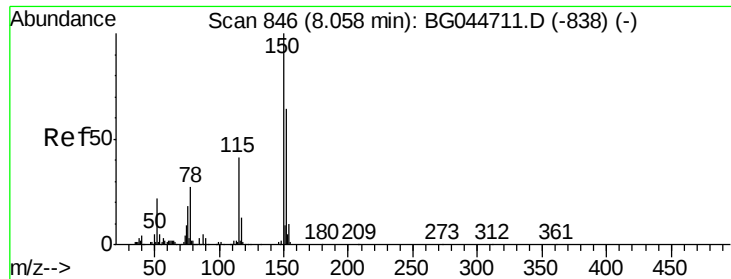
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Quant Time: Mar 13 07:29:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	558294	102.985	nq	94
43) 2,4,6-Trichlorophenol	13.12	196	300739	45.683	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	318194	46.607	nq	98
46) 1,1'-Biphenyl	13.53	154	965239	40.101	nq	97
47) 2-Chloronaphthalene	13.56	162	745520	40.545	nq	97
48) 2-Nitroaniline	13.75	65	286017	44.431	nq	95
49) Acenaphthylene	14.41	152	1245318	43.230	nq	99
50) Dimethylphthalate	14.14	163	995974	41.517	nq	98
51) 2,6-Dinitrotoluene	14.25	165	225210	46.574	nq	98
52) Acenaphthene	14.75	154	881131	46.705	nq	99
53) 3-Nitroaniline	14.58	138	189535	34.093	nq	97
54) 2,4-Dinitrophenol	14.78	184	233232	91.022	nq #	70
55) Dibenzofuran	15.09	168	1164091	42.551	nq	100
56) 4-Nitrophenol	14.88	139	383551	90.399	nq	95
57) 2,4-Dinitrotoluene	15.04	165	309073	46.604	nq	95
58) Fluorene	15.73	166	952968	42.345	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	297952m	47.403	nq	
60) Diethylphthalate	15.51	149	1033186	41.293	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	505681	41.730	nq	98
62) 4-Nitroaniline	15.74	138	234575	39.570	nq	98
63) Azobenzene	16.02	77	1100451	42.352	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	168575	52.140	nq	95
66) n-Nitrosodiphenylamine	15.94	169	873519	42.873	nq	98
67) 4-Bromophenyl-phenylether	16.62	248	351754	41.578	nq	97
68) Hexachlorobenzene	16.75	284	371856	40.514	nq	98
69) Atrazine	16.89	200	337862	45.261	nq	98
70) Pentachlorophenol	17.08	266	470108	93.089	nq	97
71) Phenanthrene	17.47	178	1518095	41.978	nq	99
72) Anthracene	17.57	178	1559284	43.727	nq	99
73) Carbazole	17.83	167	1439496	42.025	nq	99
74) Di-n-butylphthalate	18.40	149	1701872	40.872	nq	99
75) Fluoranthene	19.48	202	1815091	42.154	nq	99
77) Benzidine	19.65	184	1285376	69.852	nq	99
78) Pyrene	19.84	202	1798705	43.252	nq	98
80) Butylbenzylphthalate	20.73	149	791550	42.784	nq	98
81) Benzo(a)anthracene	21.69	228	1746791	42.797	nq	100
82) 3,3'-Dichlorobenzidine	21.60	252	554374	35.109	nq	100
83) Chrysene	21.75	228	1655962	42.473	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1087296	42.583	nq	99
85) Di-n-octyl phthalate	22.84	149	1869699	43.758	nq	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2207568	43.189	nq	99
88) Benzo(b)fluoranthene	23.91	252	1840277	41.514	nq	99
89) Benzo(k)fluoranthene	23.97	252	1807120	43.078	nq	100
90) Benzo(a)pyrene	24.77	252	1725183	41.592	nq	99
91) Dibenzo(a,h)anthracene	28.65	278	1788667	43.710	nq	99
92) Benzo(g,h,i)perylene	29.72	276	1826727	44.184	nq	98

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



#1

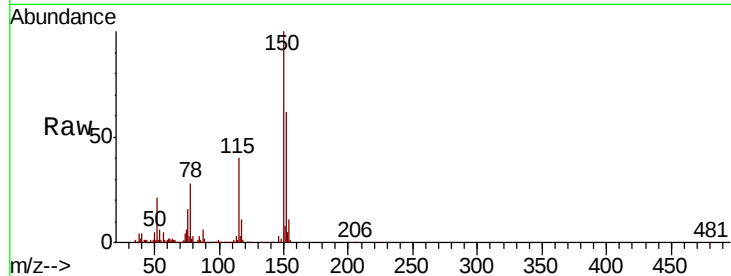
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	125.3	187.9
115	65.2	51.7	77.5

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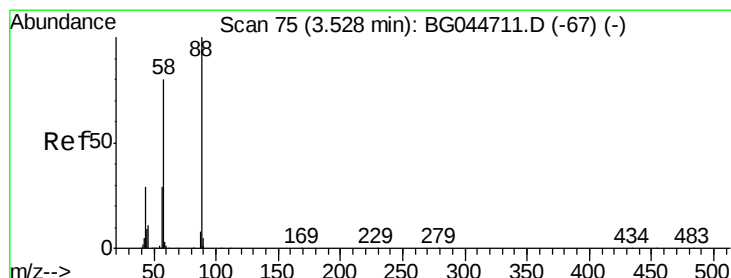
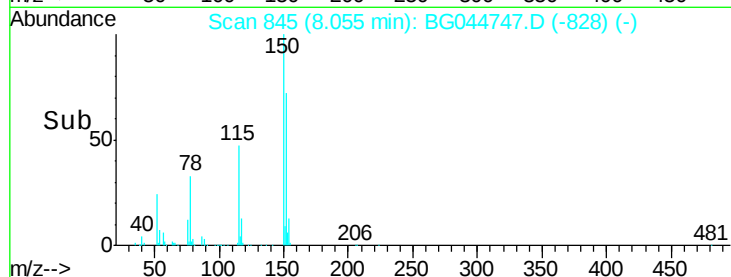
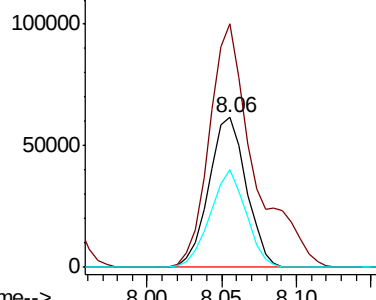


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

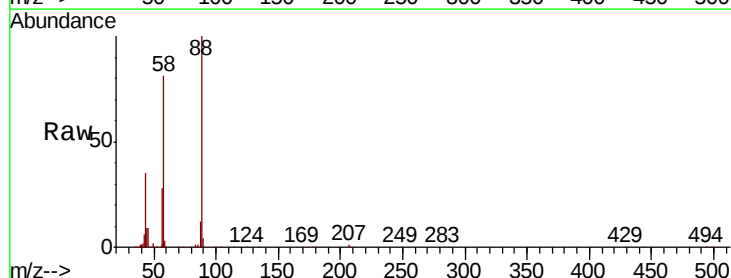
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.937 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	63.0	94.4
43	30.5	23.2	34.8

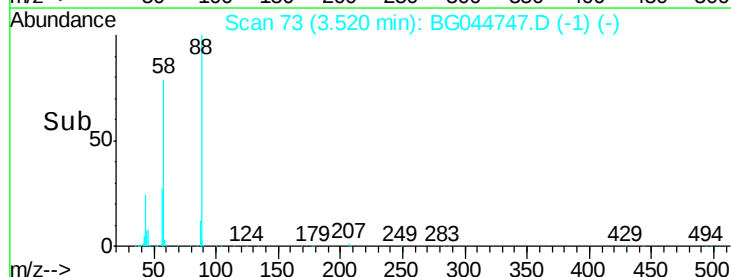
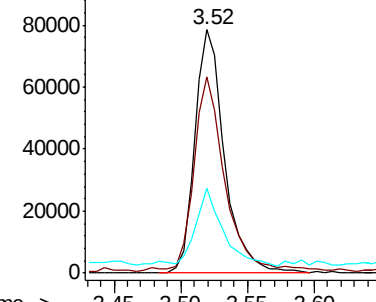


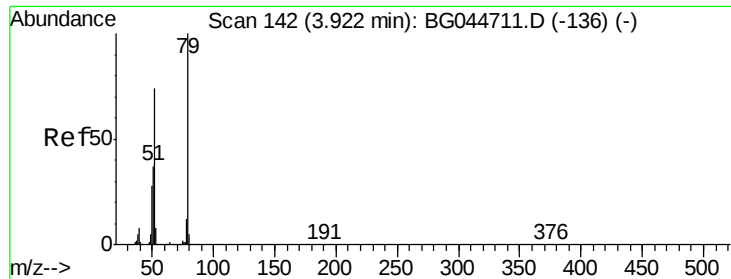
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.760 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

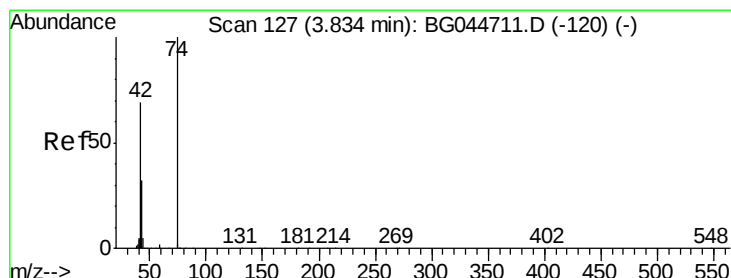
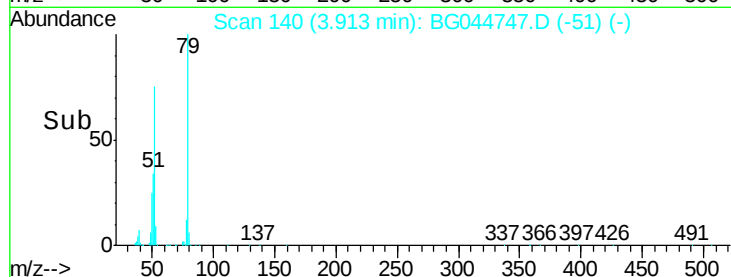
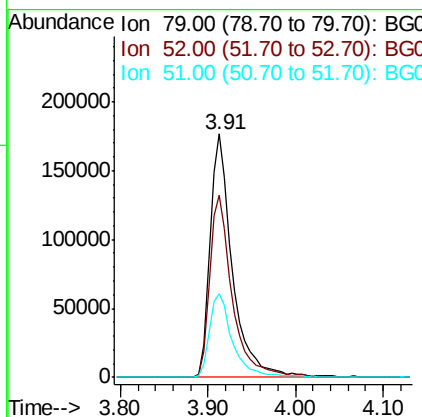
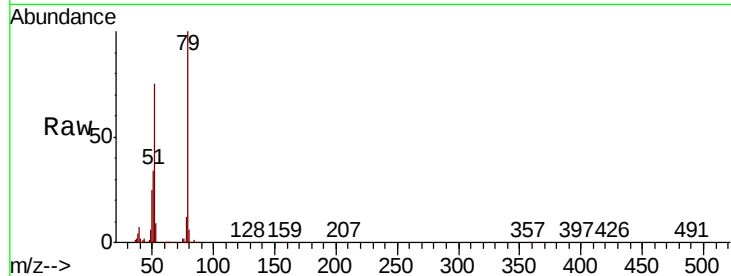
ClientSampleId :

PB127447BS

Tot Ion:	79	Resp:	312401
Ion Ratio	Lower	Upper	
79	100		
52	75.0	59.4	89.2
51	34.2	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 44.677 ng

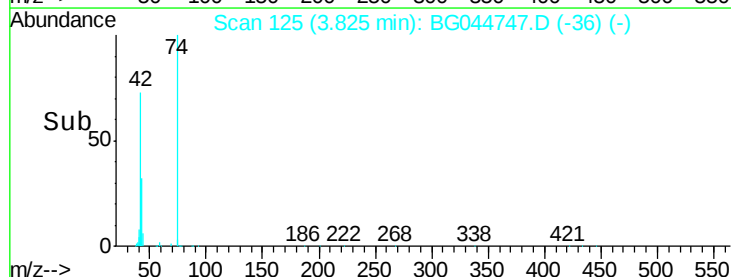
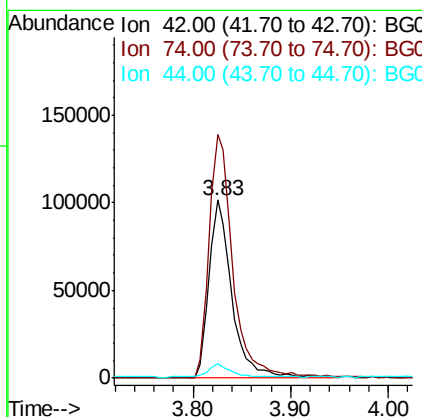
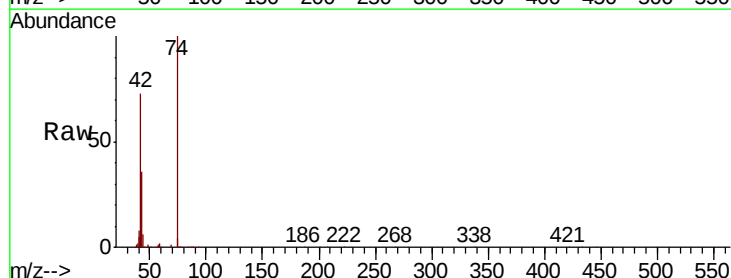
RT: 3.83 min Scan# 125

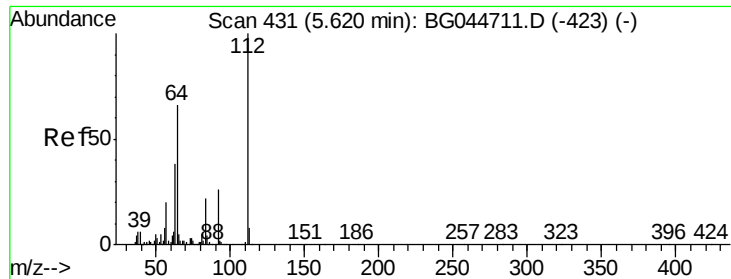
Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:	42	Resp:	166738
Ion Ratio	Lower	Upper	
42	100		
74	136.8	116.1	174.1
44	8.5	7.1	10.7





#5

2-Fluorophenol

Concen: 134.538 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

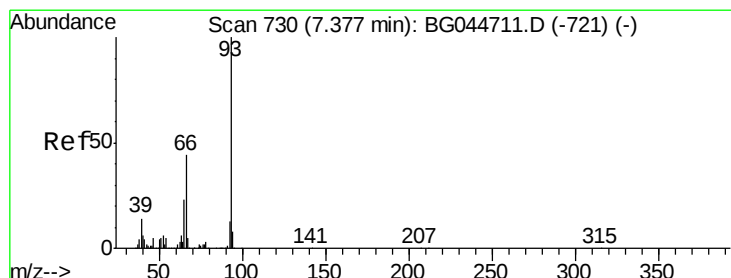
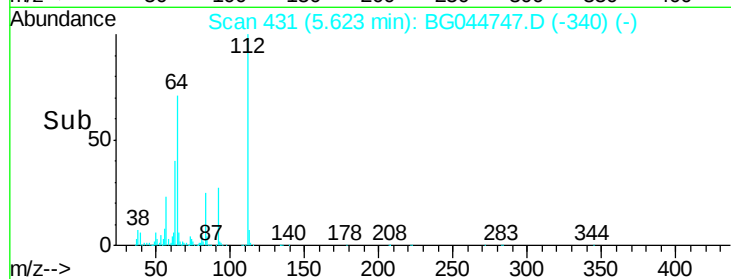
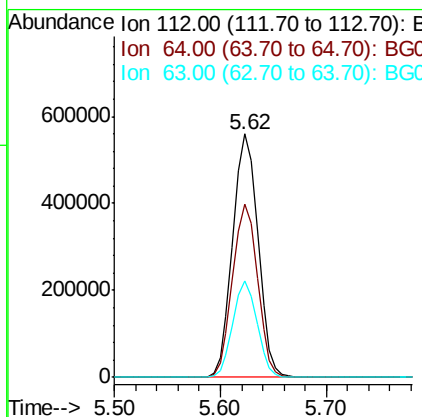
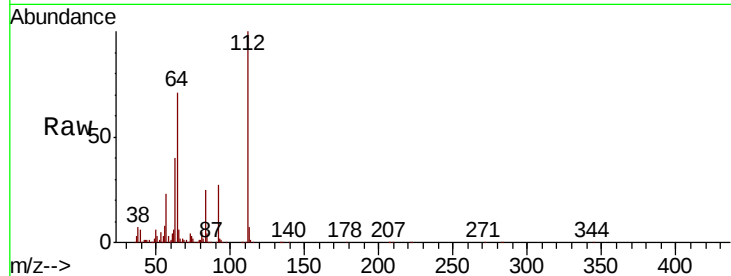
ClientSampleId :

PB127447BS

Tot Ion:	112	Resp:	928297
Ion Ratio	Lower	Upper	
112	100		
64	71.4	52.6	78.8
63	39.7	30.2	45.4

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#6

Aniline

Concen: 41.692 ng

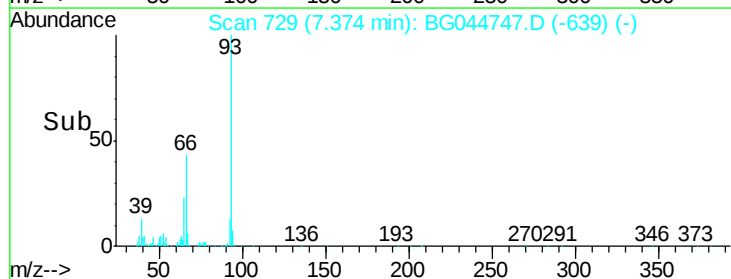
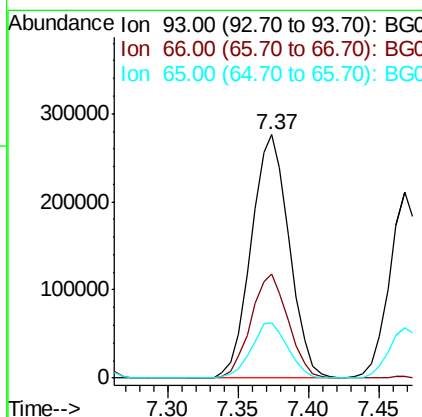
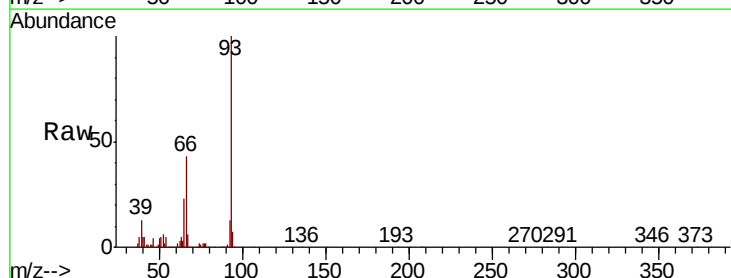
RT: 7.37 min Scan# 729

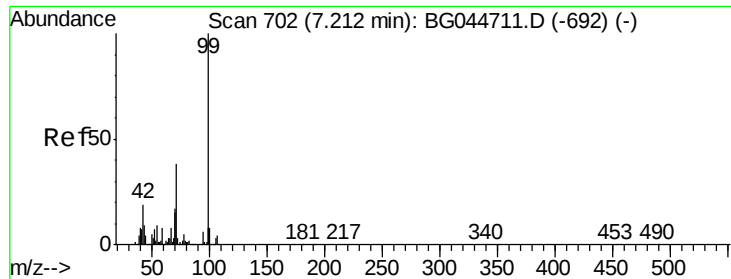
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:	93	Resp:	520077
Ion Ratio	Lower	Upper	
93	100		
66	43.0	35.3	52.9
65	22.5	18.2	27.4





#7

Phenol-d6

Concen: 129.710 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

PB127447BS

Tot Ion: 99 Resp: 1300351

Ion Ratio Lower Upper

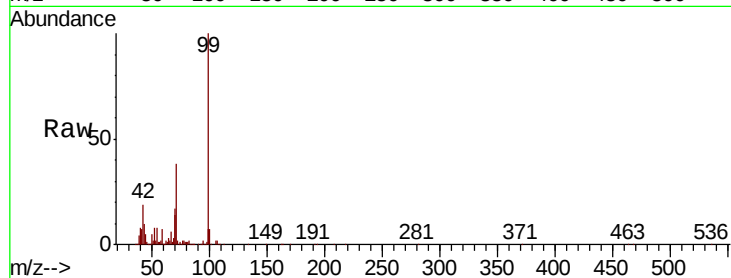
99 100

42 18.8 15.4 23.0

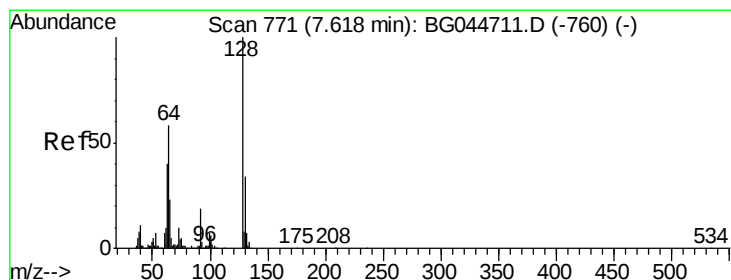
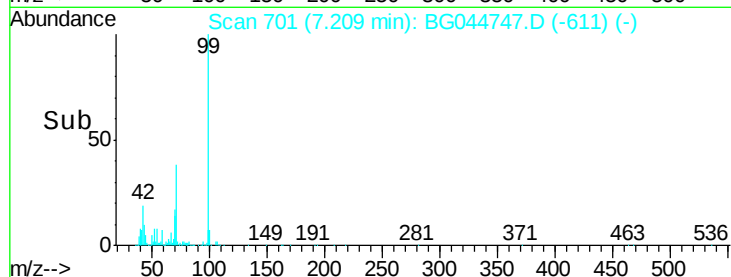
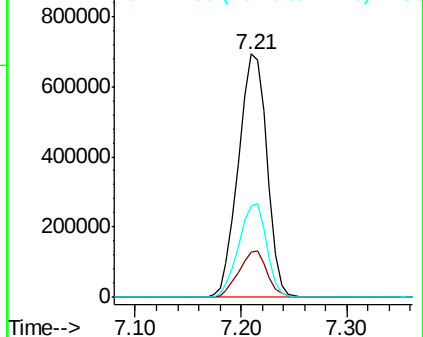
71 37.7 30.2 45.4

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



#8

2-Chlorophenol

Concen: 50.666 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

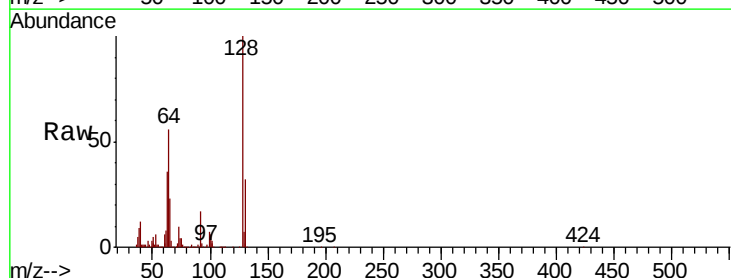
Tgt Ion: 128 Resp: 348981

Ion Ratio Lower Upper

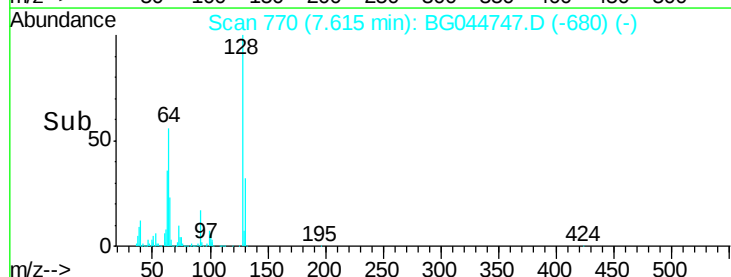
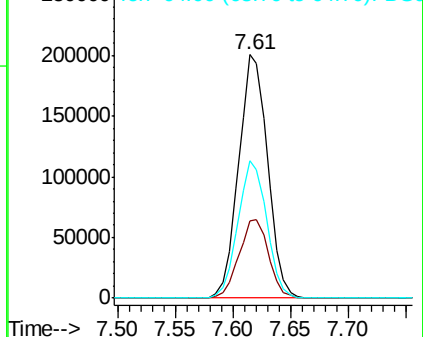
128 100

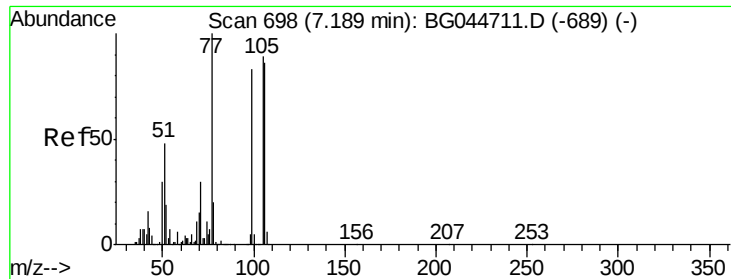
130 31.6 13.6 53.6

64 56.5 38.6 78.6



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





#9

Benzaldehyde

Concen: 49.406 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

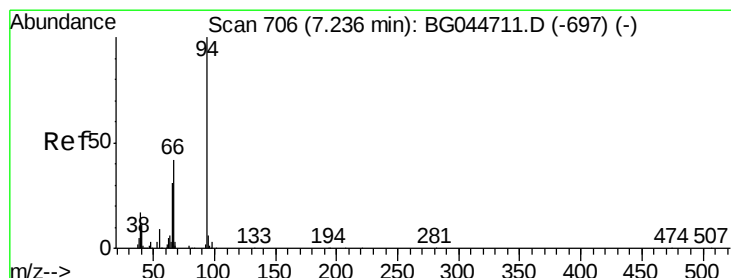
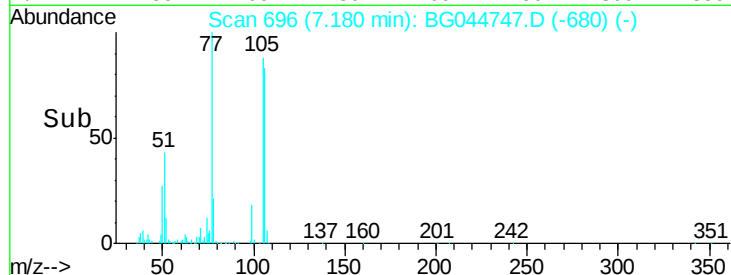
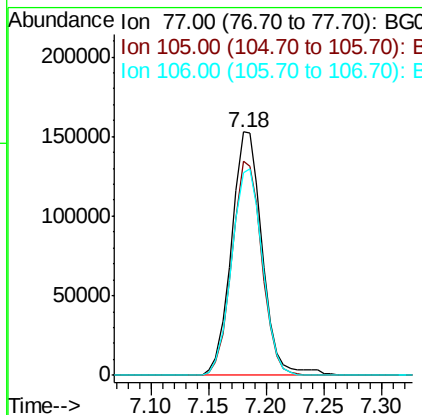
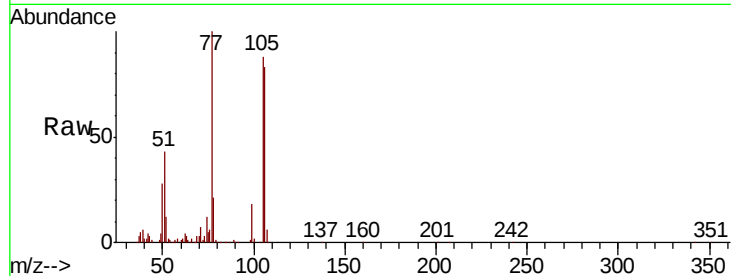
ClientSampleId :

PB127447BS

Tot Ion:	77	Resp:	282486
Ion Ratio	Lower	Upper	
77	100		
105	88.2	68.6	108.6
106	83.2	65.9	105.9

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#10

Phenol

Concen: 47.886 ng

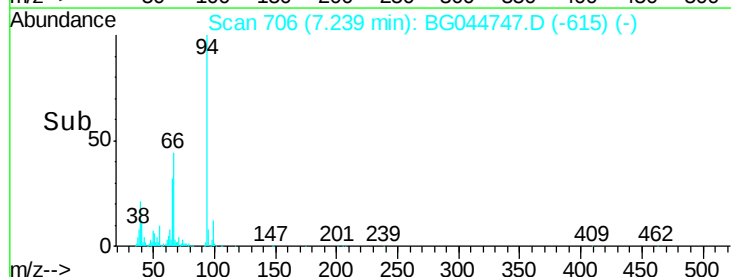
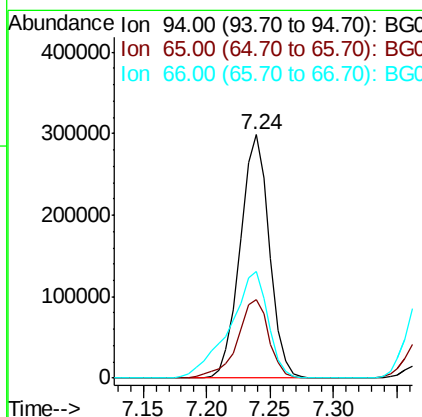
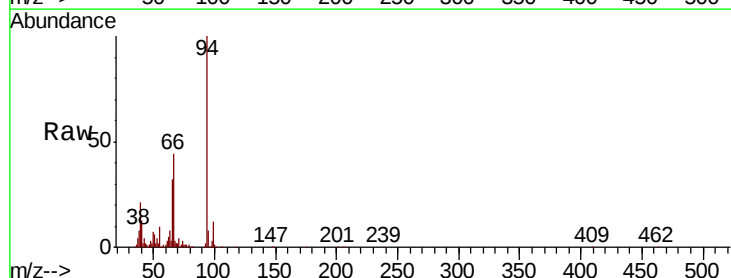
RT: 7.24 min Scan# 706

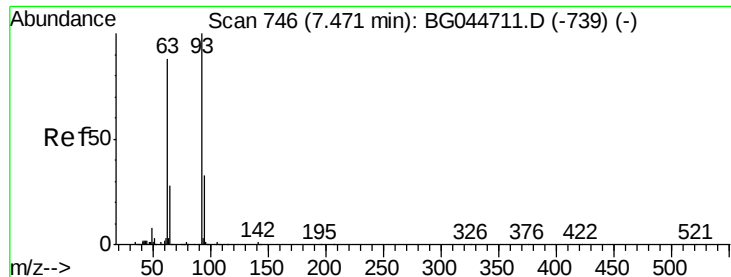
Delta R.T. 0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:	94	Resp:	475269
Ion Ratio	Lower	Upper	
94	100		
65	32.1	11.3	51.3
66	43.8	22.9	62.9





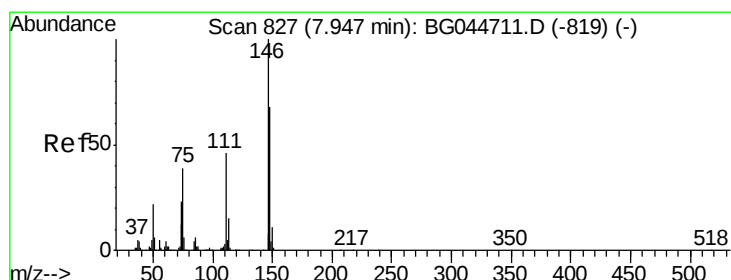
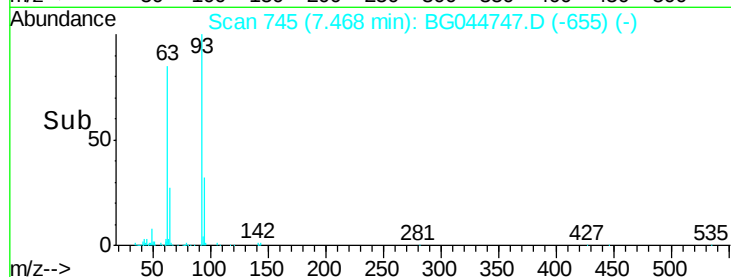
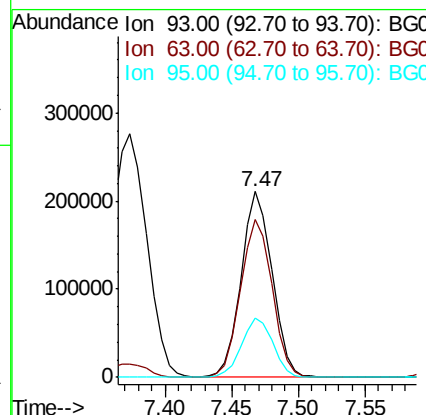
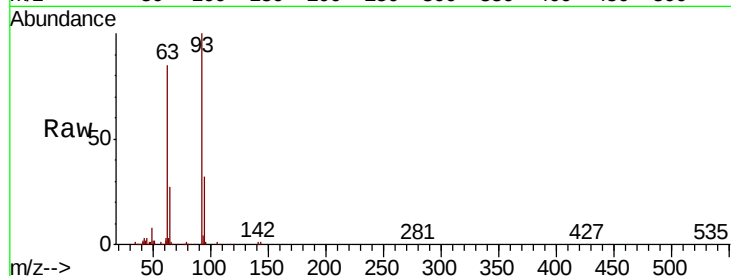
#11
bis(2-Chloroethyl)ether
Concen: 42.757 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.7	68.1	108.1
95	32.1	12.4	52.4

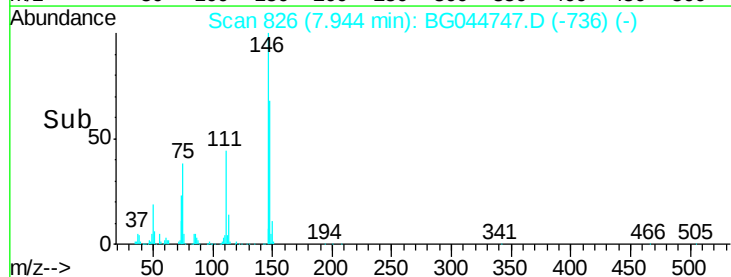
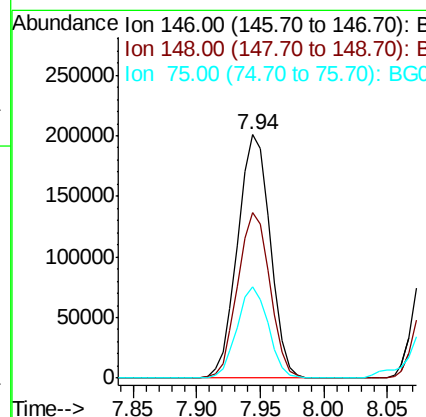
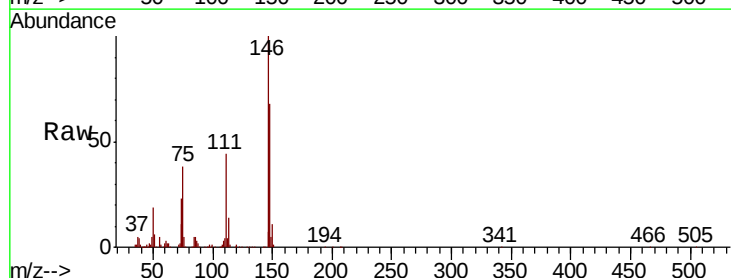
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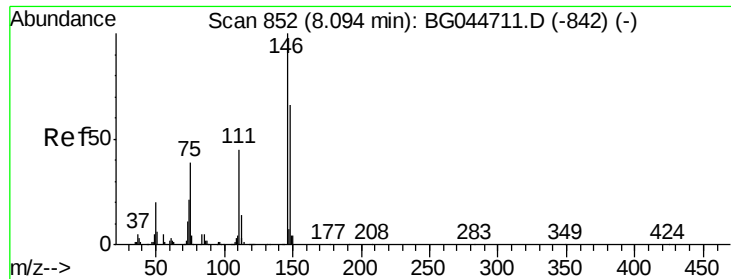
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.113 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	54.2	81.2
75	37.6	31.3	46.9





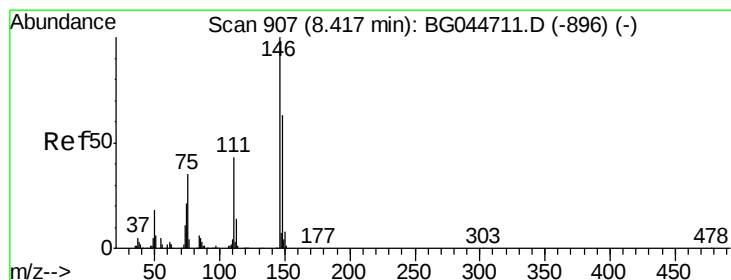
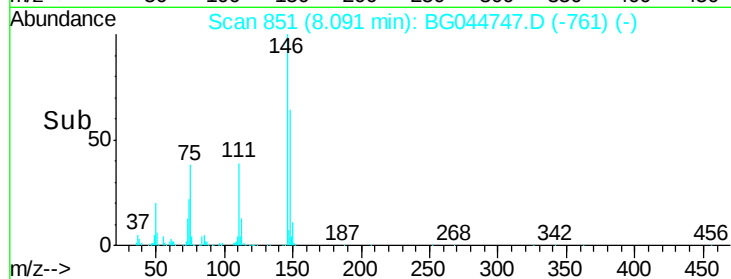
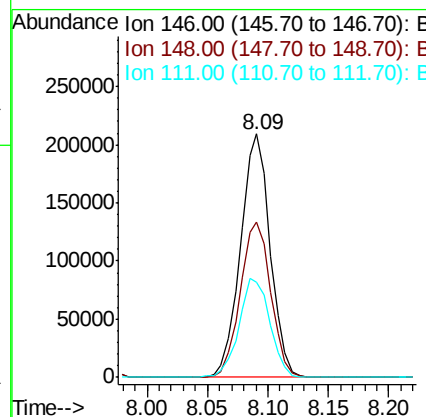
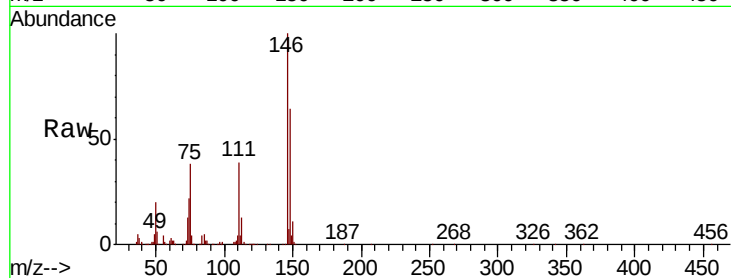
#13
 1,4-Dichlorobenzene
 Concen: 42.528 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Instrument :
 BNA_G
 ClientSampled :
 PB127447BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.9	79.3
111	39.3	35.6	53.4

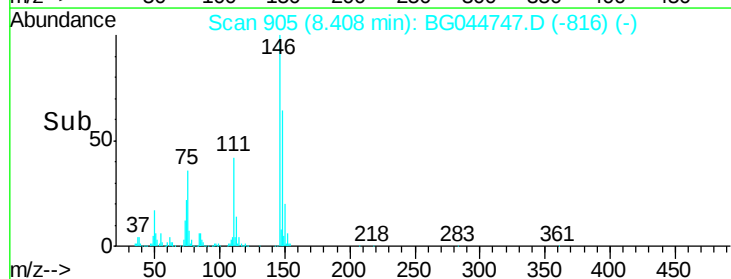
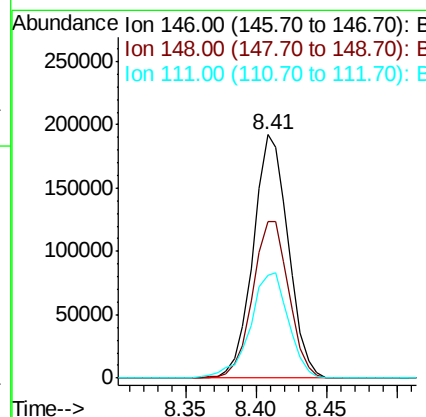
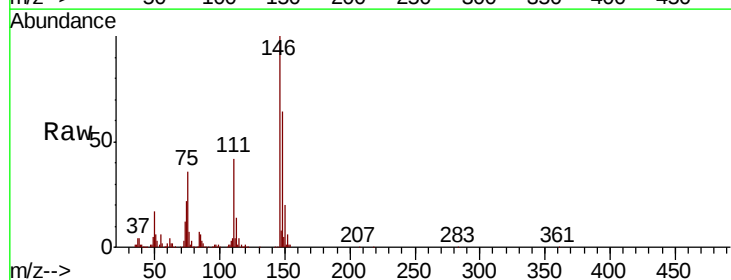
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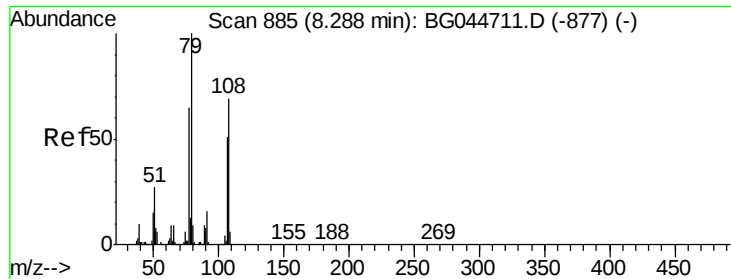
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#14
 1,2-Dichlorobenzene
 Concen: 42.021 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	42.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 46.634 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

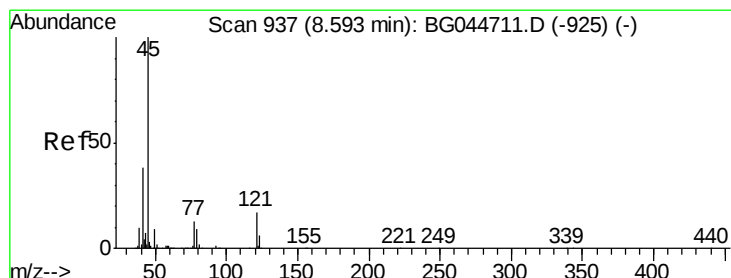
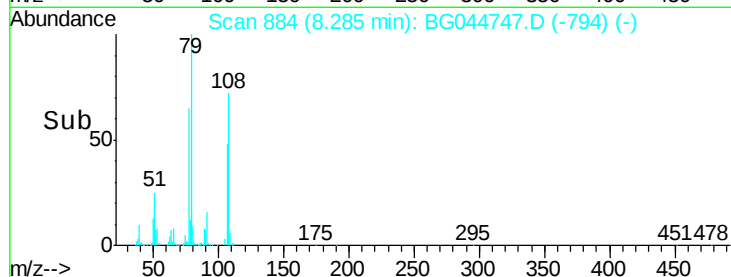
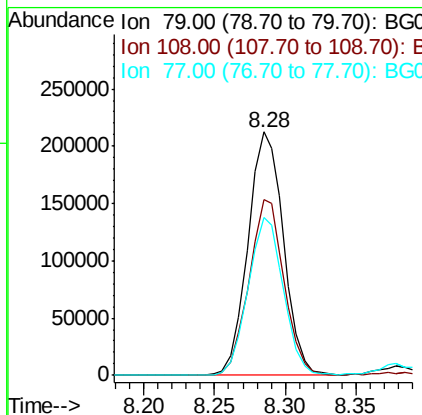
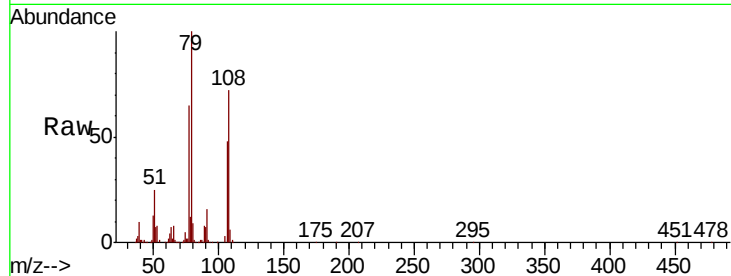
ClientSampleId :

PB127447BS

Tot Ion:	79	Resp:	375105
Ion Ratio	Lower	Upper	
79	100		
108	72.4	55.4	83.0
77	64.7	52.2	78.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.806 ng

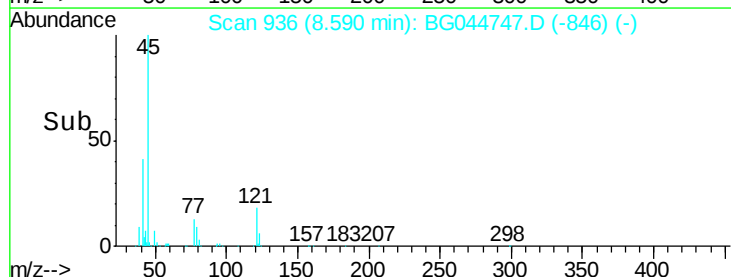
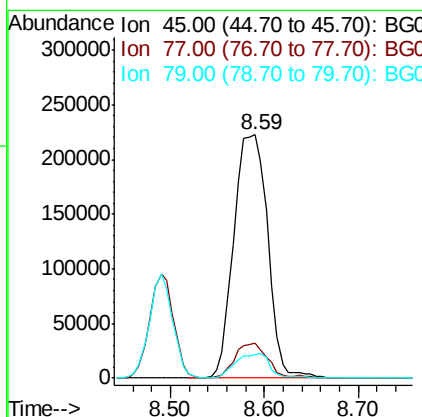
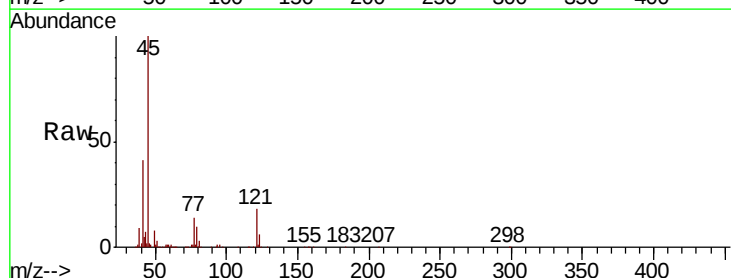
RT: 8.59 min Scan# 936

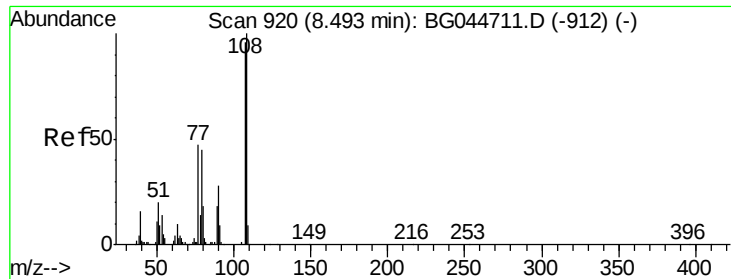
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:	45	Resp:	556434
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	33.4
79	9.6	0.0	30.0





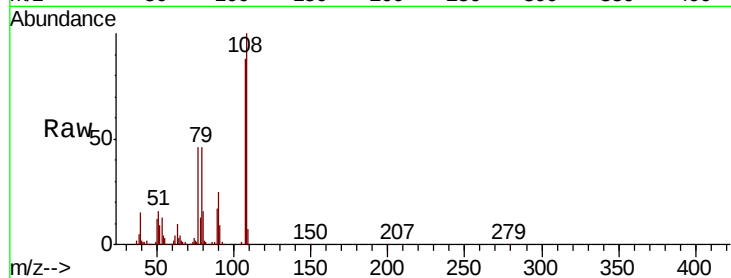
#17
2-Methylphenol
Concen: 47.314 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	83.2	124.8	
77	52.2	39.0	58.6	
79	52.2	37.6	56.4	

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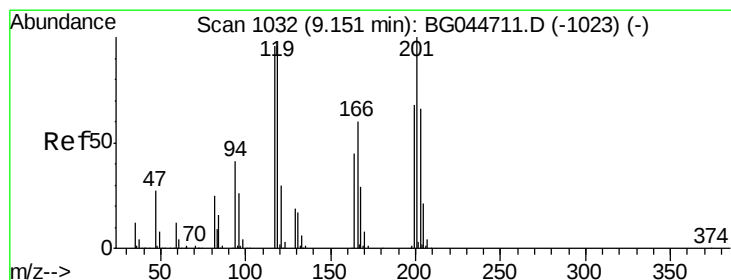
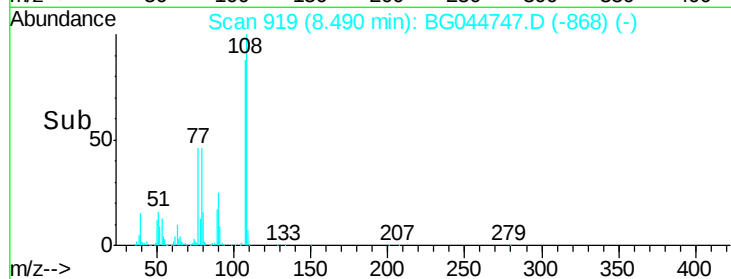
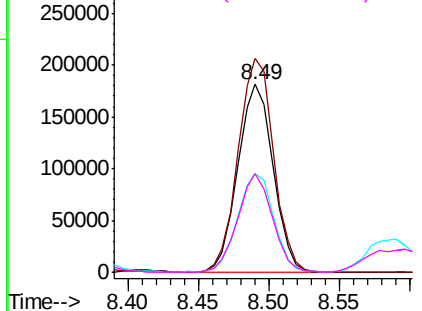
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

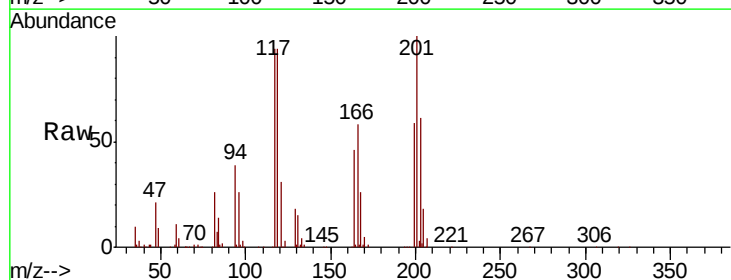
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.494 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	80.2	120.4	
201	106.6	83.4	125.2	

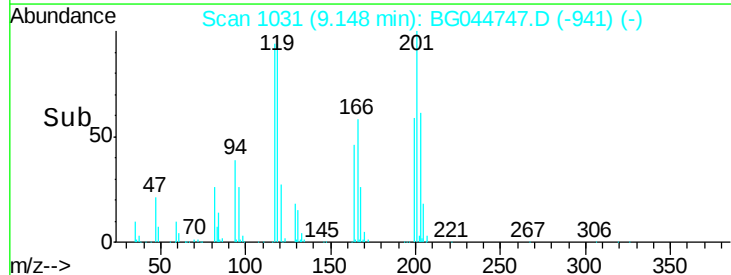
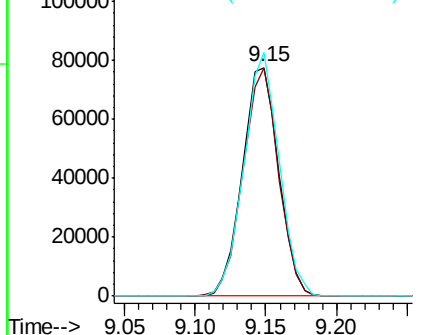


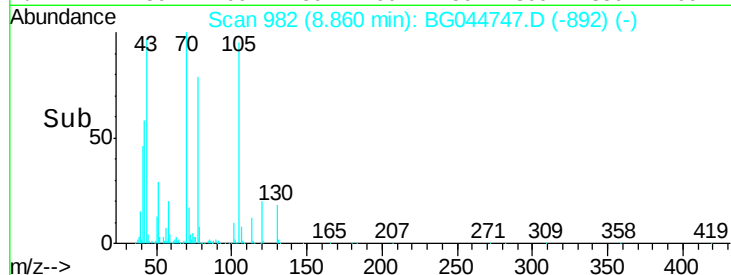
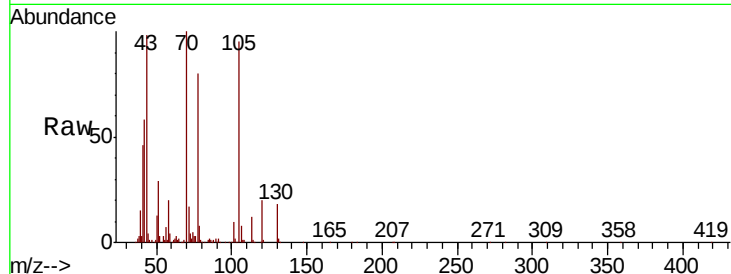
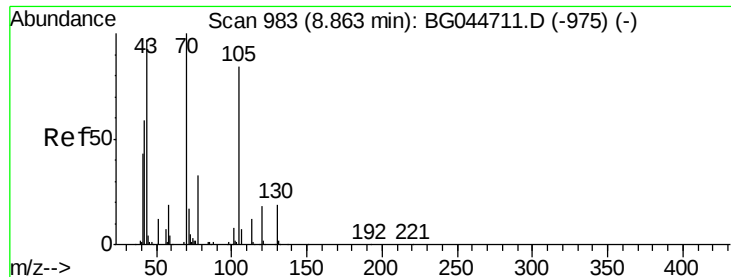
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





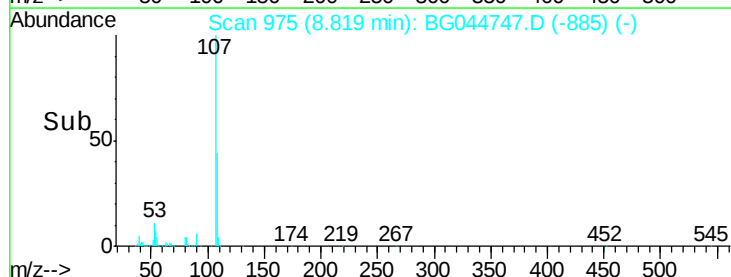
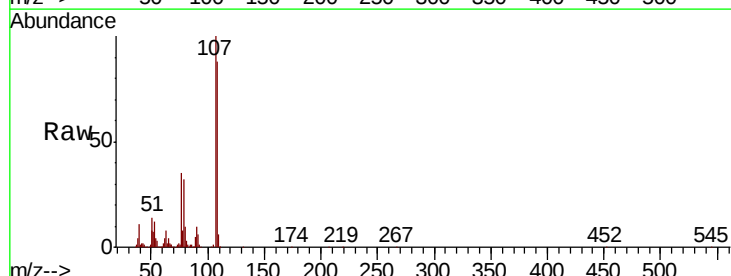
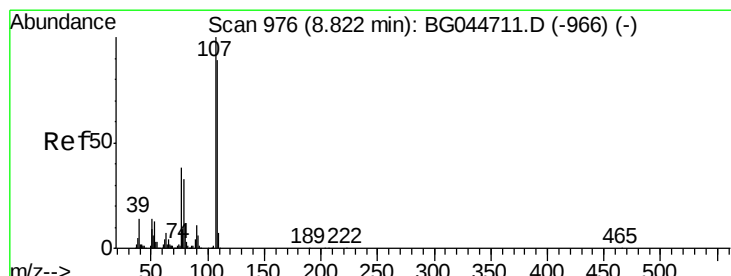
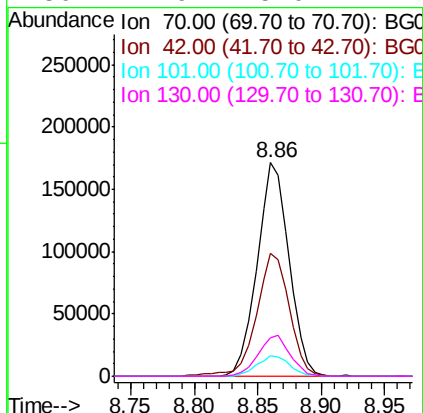
#19
n-Nitroso-di-n-propylamine
Concen: 42.299 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

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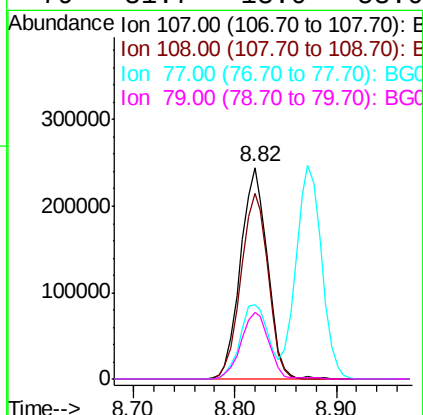
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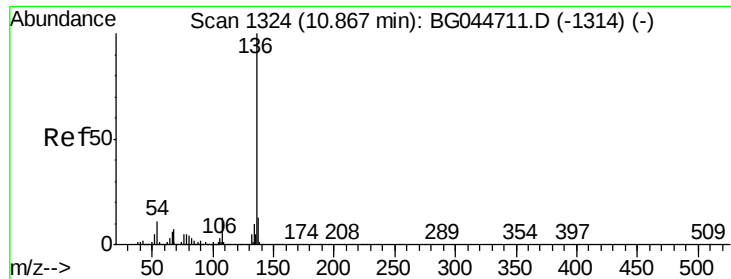
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.6	71.4
101	9.6	6.5	9.7
130	17.9	15.0	22.4



#20
3+4-Methylphenols
Concen: 48.653 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.1	109.1
77	35.4	17.7	57.7
79	31.7	13.0	53.0





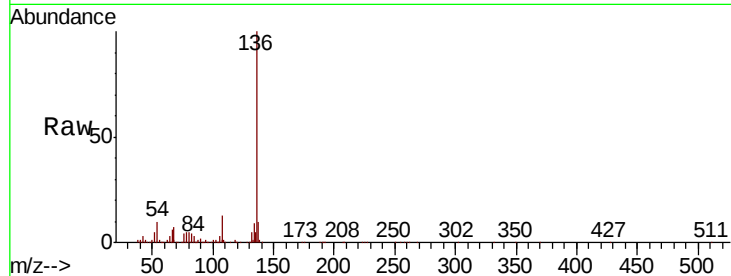
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

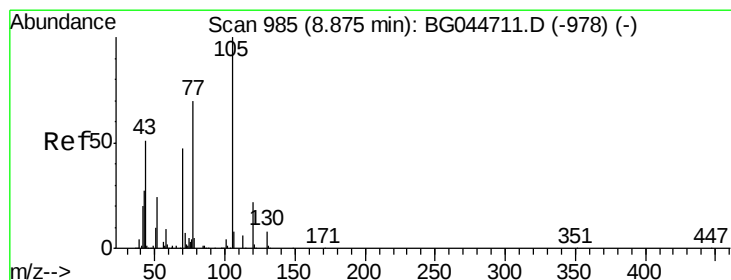
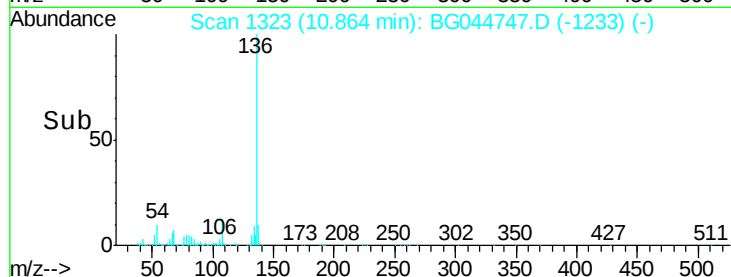
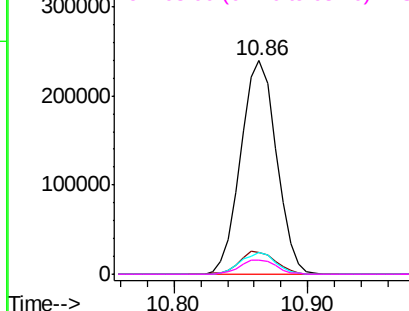
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		442694		
137	10.5	10.7	16.1#		
54	10.4	9.0	13.4		
68	6.6	5.9	8.9		

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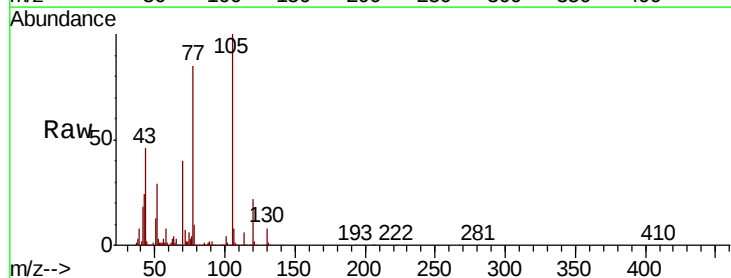


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

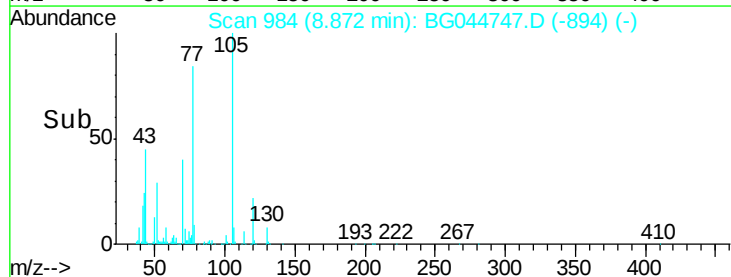
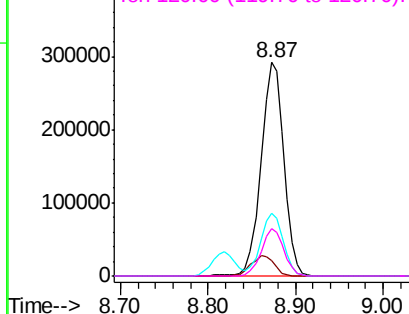


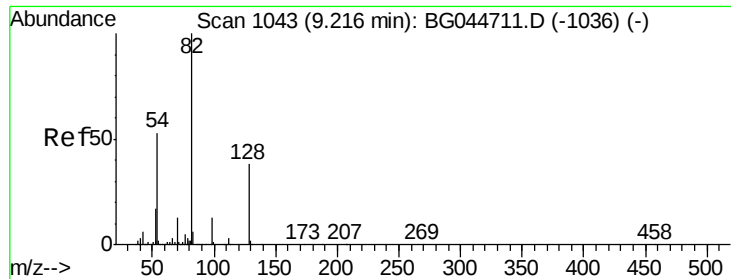
#22
Acetophenone
Concen: 41.849 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		524850		
71	7.2	5.8	8.8		
51	29.4	23.8	35.8		
120	22.3	17.3	25.9		



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





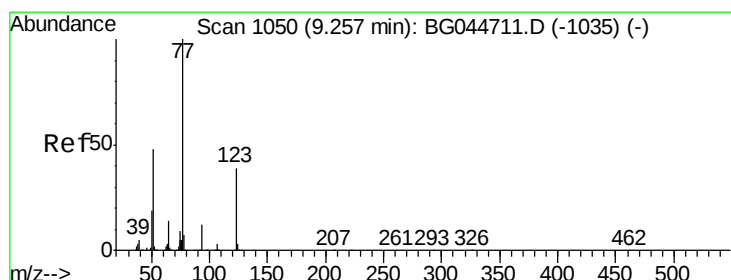
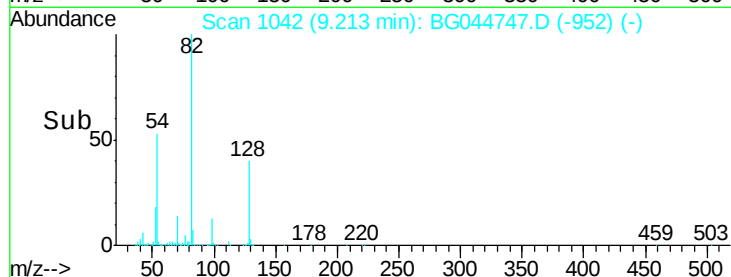
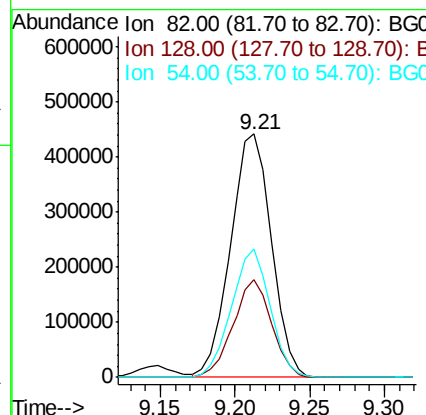
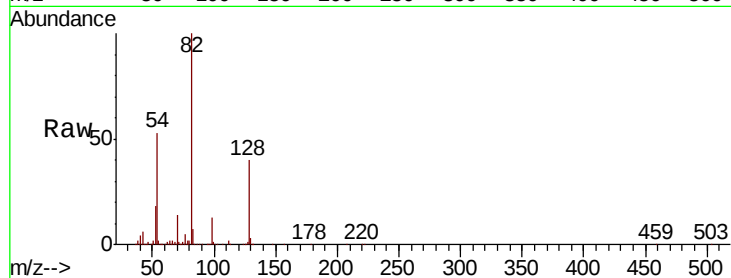
#23
Nitrobenzene-d5
Concen: 83.232 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.2	45.2
54	52.8	41.8	62.8

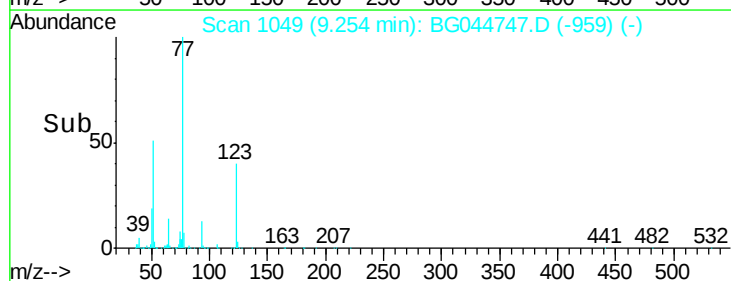
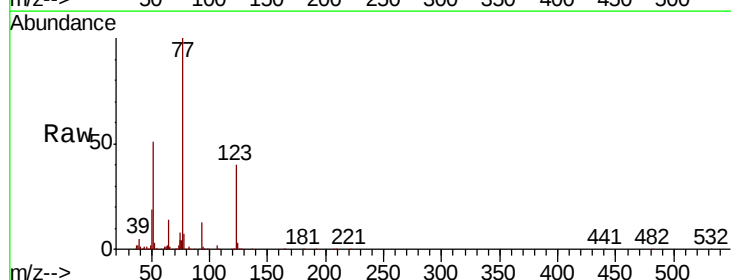
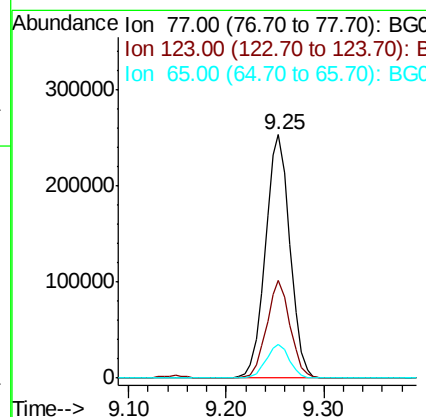
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#24
Nitrobenzene
Concen: 42.723 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	31.5	47.3
65	13.9	11.0	16.4





#25

Isophorone

Concen: 42.044 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

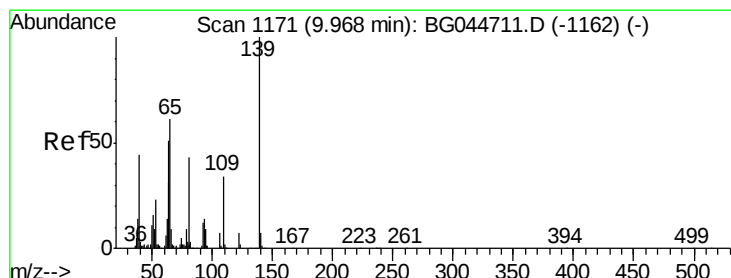
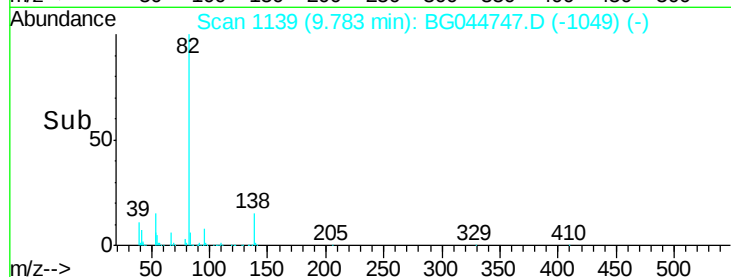
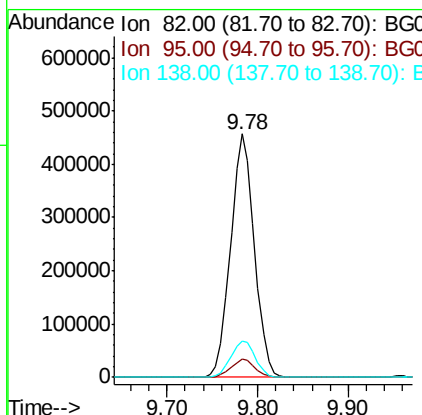
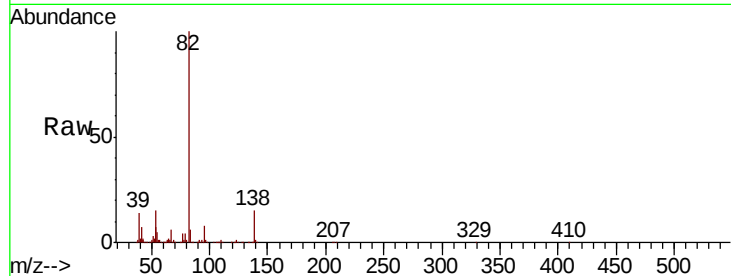
ClientSampleId :

PB127447BS

Tot Ion:	82	Resp:	827825
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.6	8.4
138	14.9	13.0	19.4

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#26

2-Nitrophenol

Concen: 48.594 ng

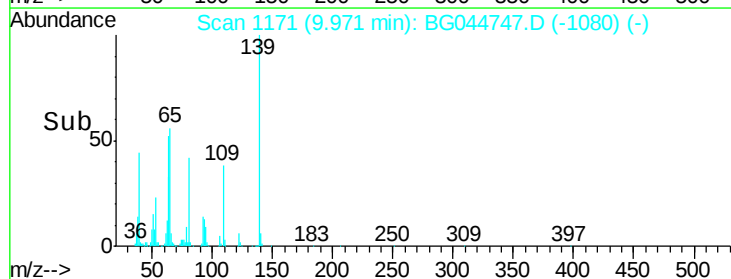
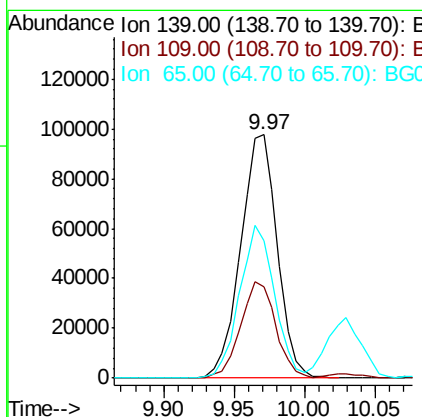
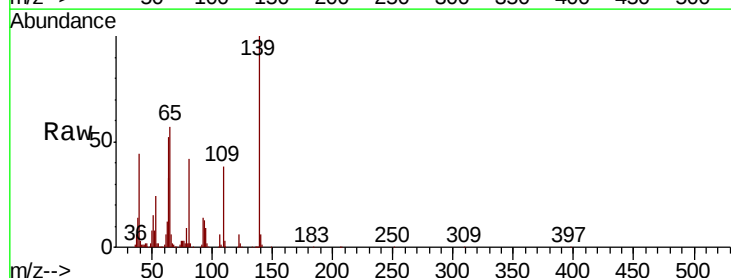
RT: 9.97 min Scan# 1171

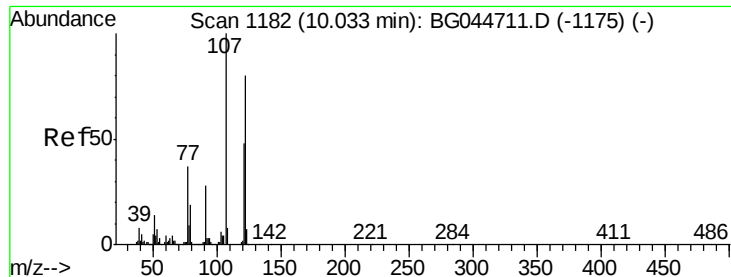
Delta R.T. 0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:	139	Resp:	176876
Ion Ratio	Lower	Upper	
139	100		
109	37.7	27.0	40.4
65	56.5	48.6	73.0





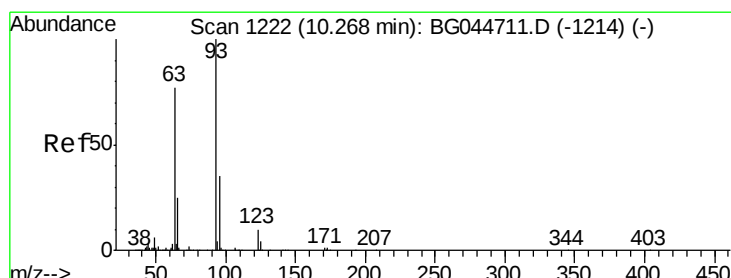
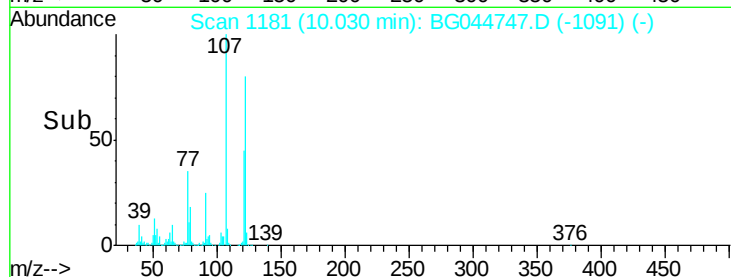
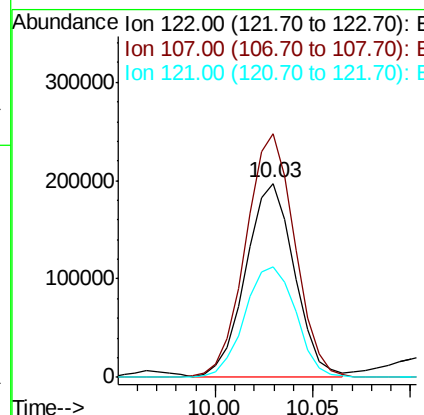
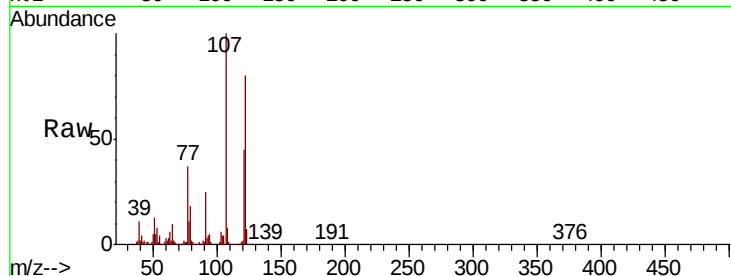
#27
2,4-Dimethylphenol
Concen: 52.732 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	125.4	99.0	148.6	
121	56.7	47.6	71.4	

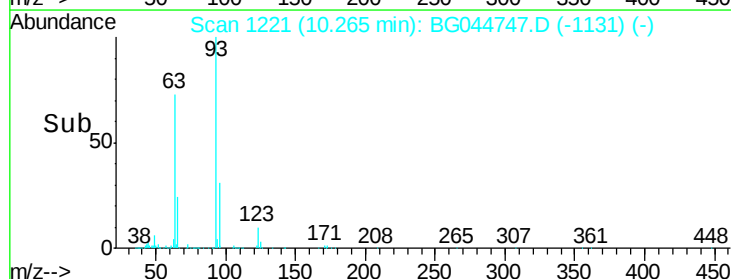
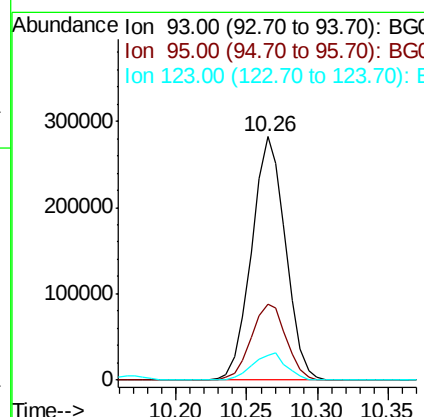
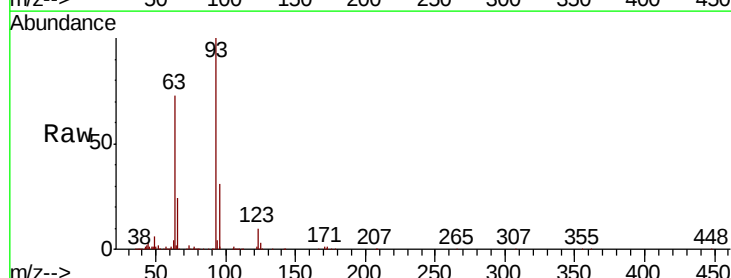
Manual Integrations
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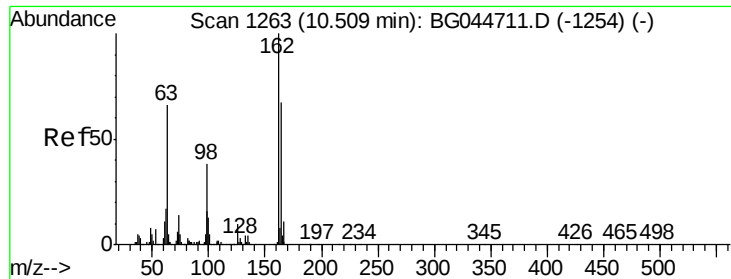
mohammad
3/16/2020 1:48:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.428 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.2	27.7	41.5	
123	10.4	8.1	12.1	





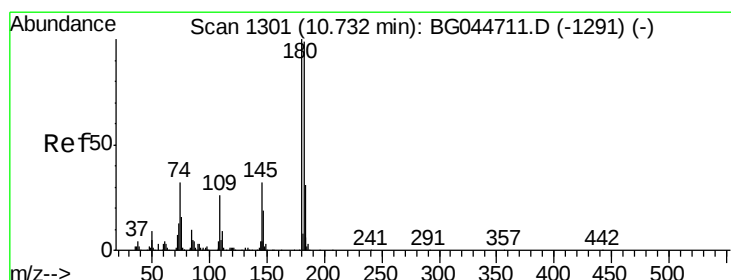
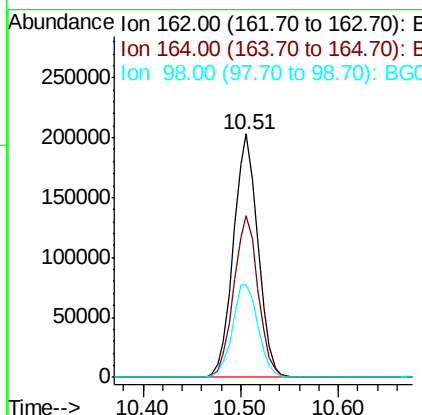
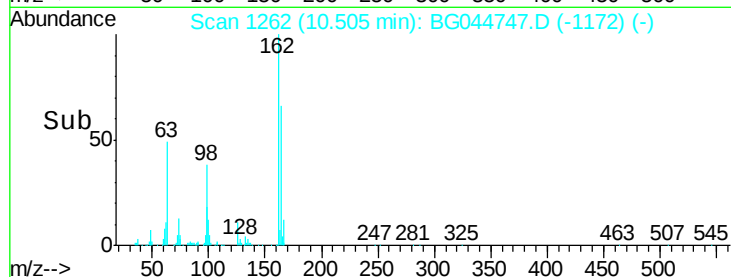
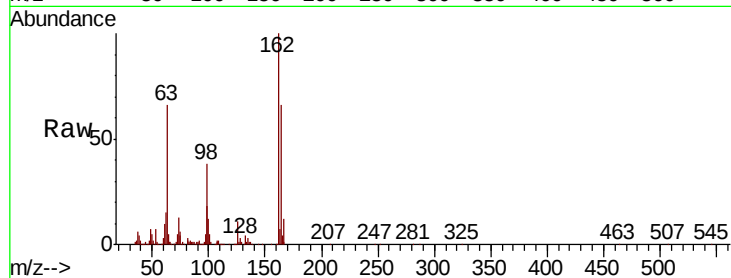
#29
 2,4-Dichlorophenol
 Concen: 47.177 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Instrument :
 BNA_G
 ClientSampled :
 PB127447BS

Tot Ion:	162	Resp:	353319
Ion Ratio	Lower	Upper	
162	100		
164	66.4	46.5	86.5
98	37.9	18.1	58.1

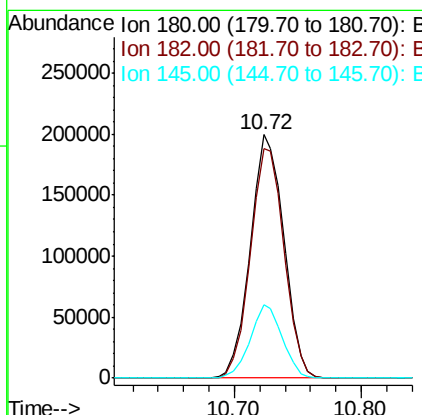
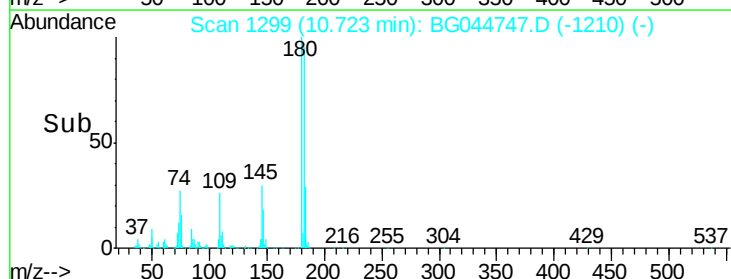
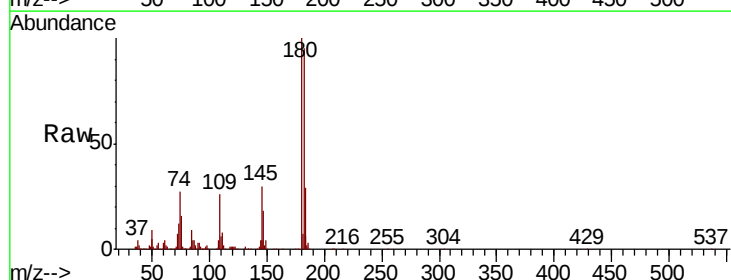
Manual Integrations
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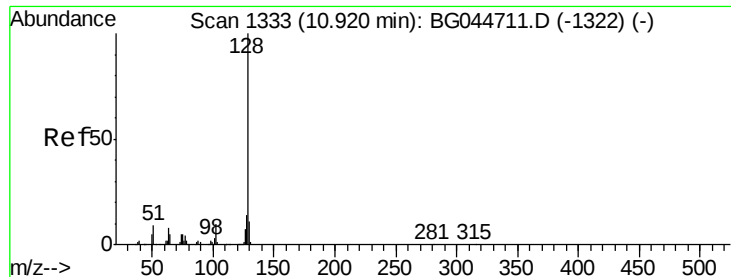
mohammad
 3/16/2020 1:48:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.957 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Tgt Ion:	180	Resp:	366769
Ion Ratio	Lower	Upper	
180	100		
182	94.5	78.8	118.2
145	30.2	25.4	38.0





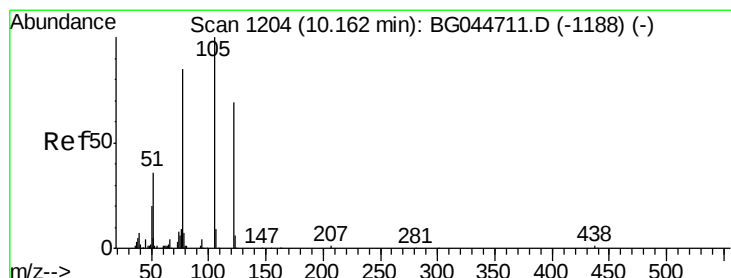
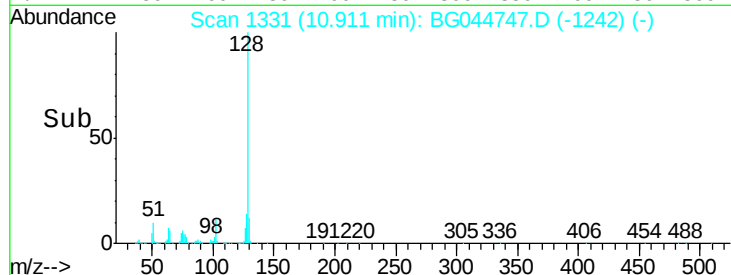
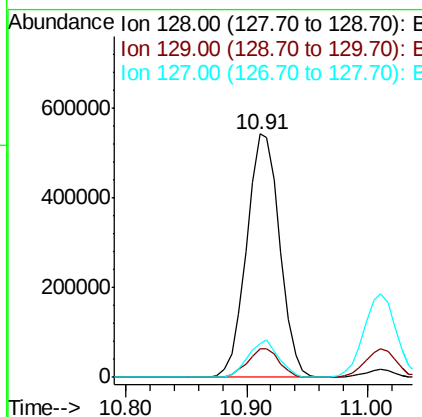
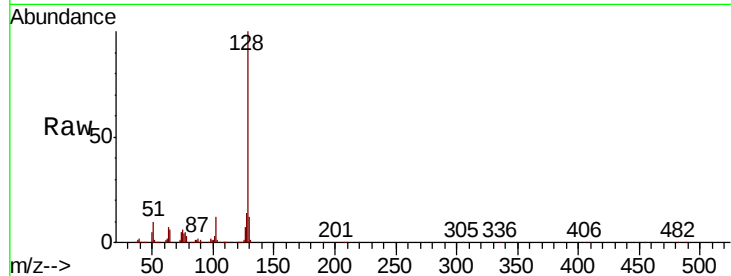
#31
Naphthalene
Concen: 42.043 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.8	11.0	16.6

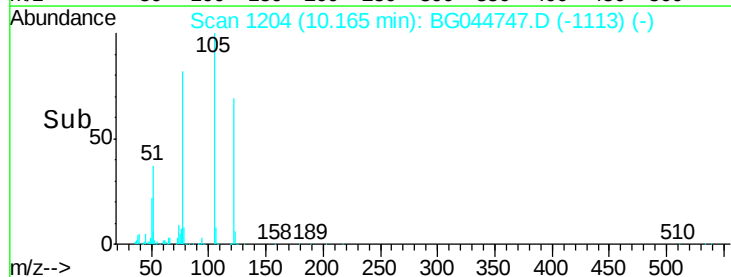
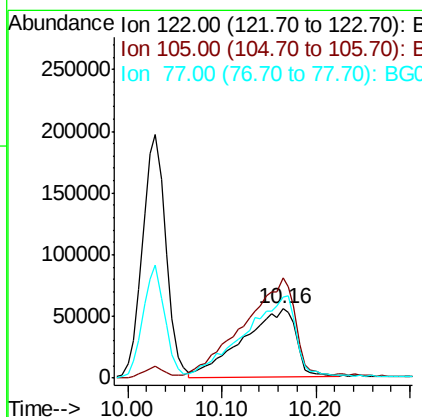
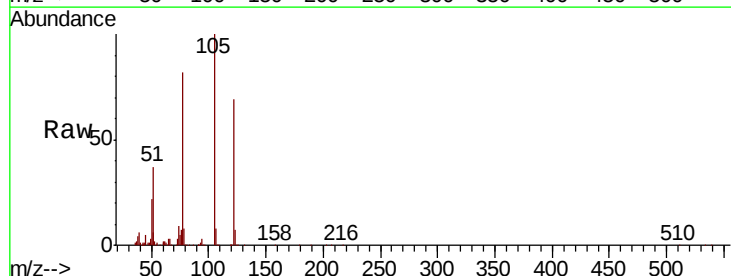
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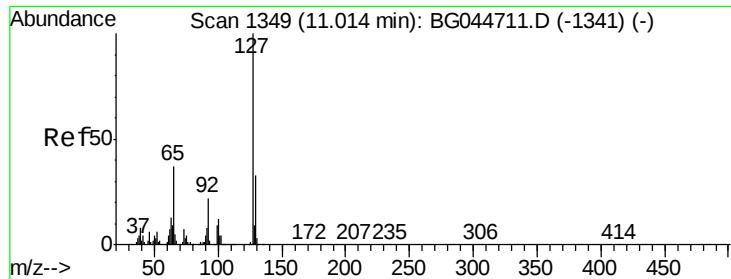
mohammad
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#32
Benzoic acid
Concen: 44.106 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.9	119.0	159.0
77	117.7	96.4	136.4





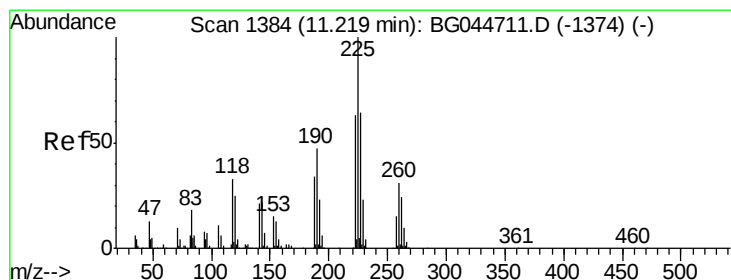
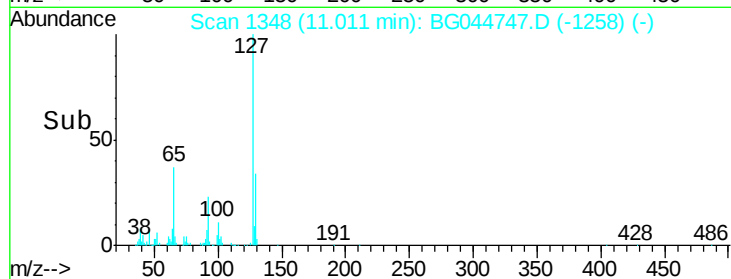
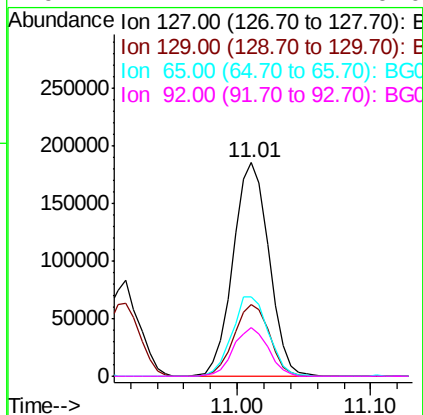
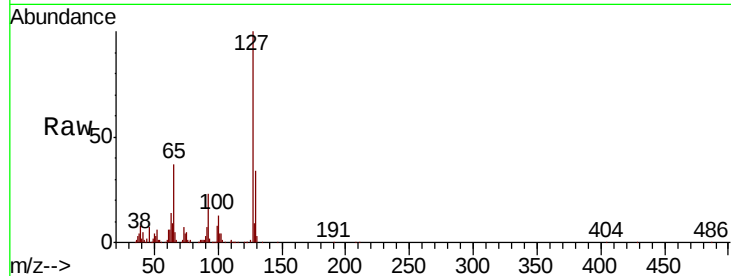
#33
4-Chloroaniline
Concen: 31.178 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.4
65	37.2	29.6	44.4
92	22.7	17.4	26.0

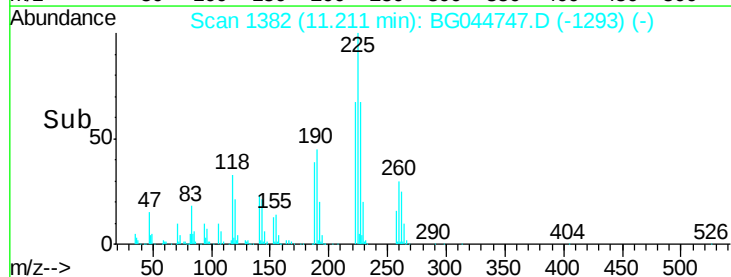
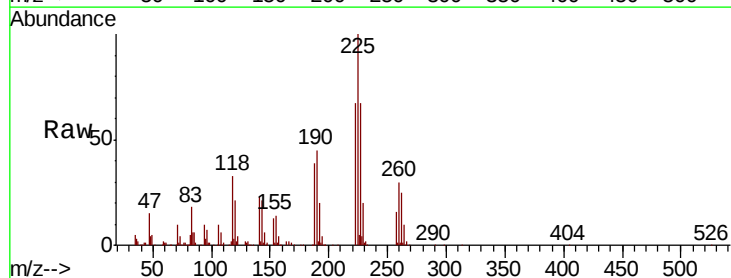
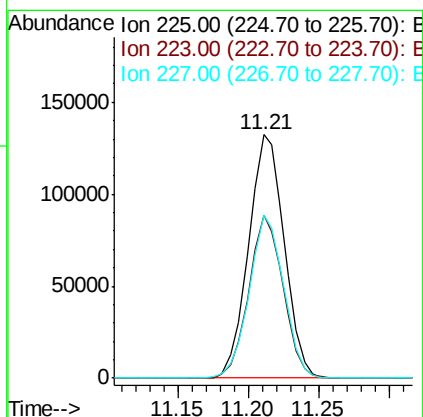
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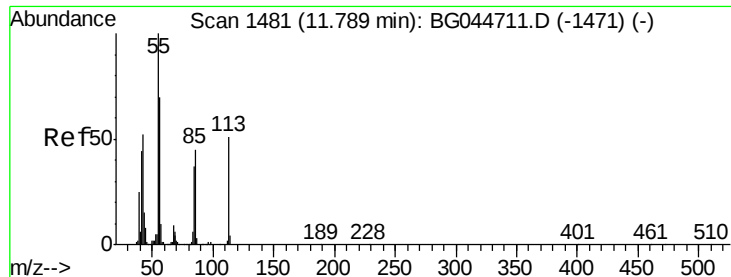
mohammad
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#34
Hexachlorobutadiene
Concen: 39.814 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	50.6	76.0
227	67.0	51.6	77.4





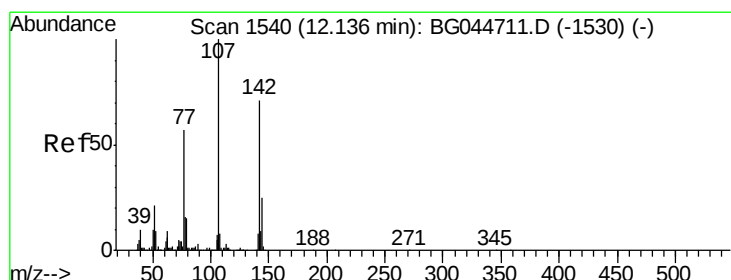
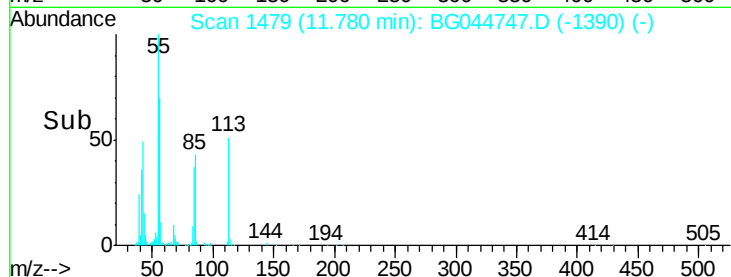
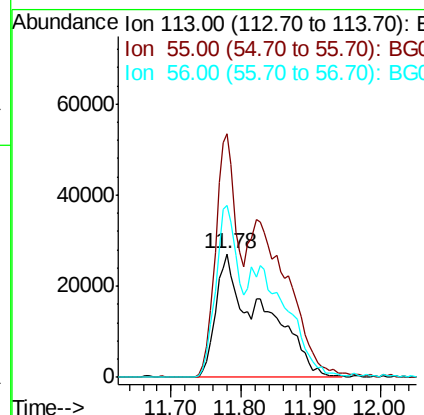
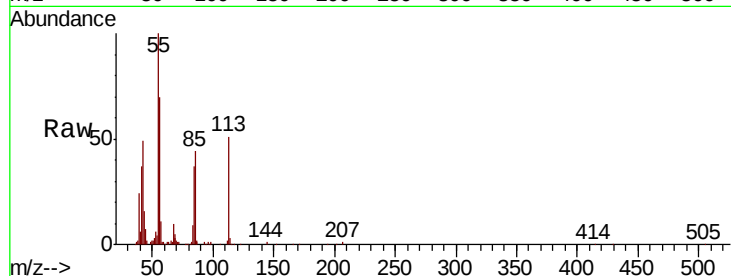
#35
 Caprolactam
 Concen: 44.844 ng/ml
 RT: 11.78 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Instrument :
 BNA_G
 ClientSampleId :
 PB127447BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.8	178.4	218.4
56	138.6	117.7	157.7

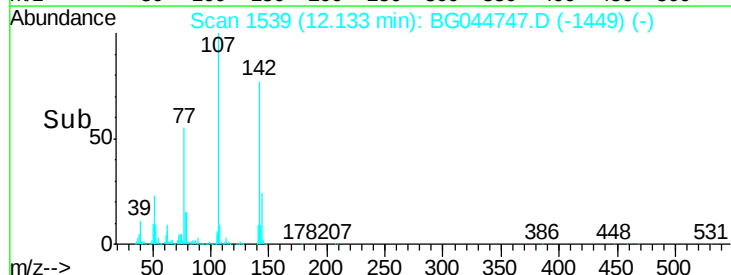
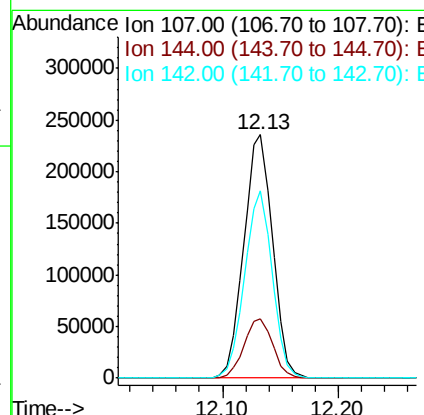
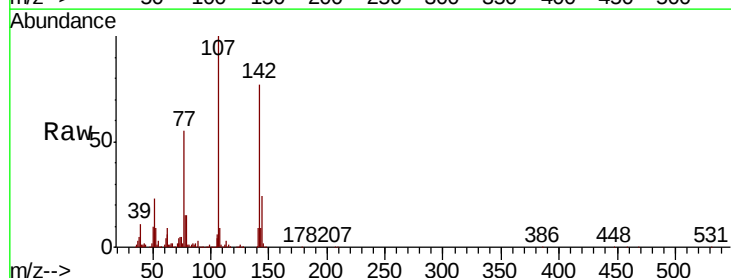
Manual Integrations
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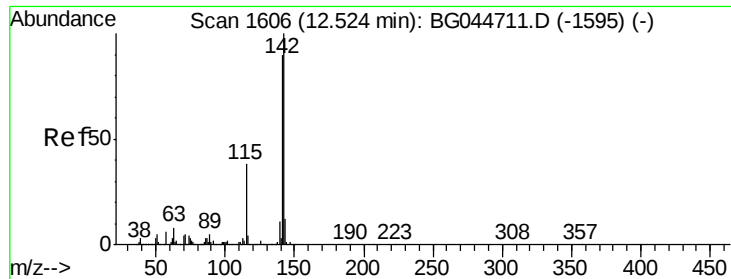
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 45.760 ng/ml
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.6	29.4
142	76.7	56.5	84.7





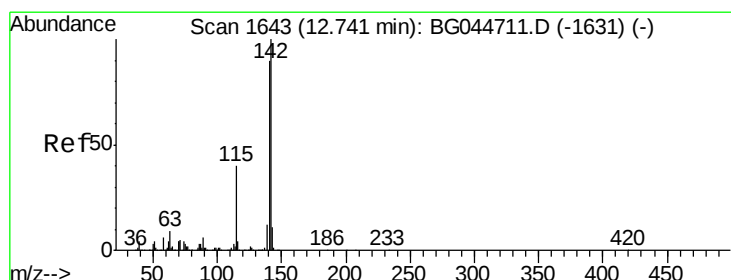
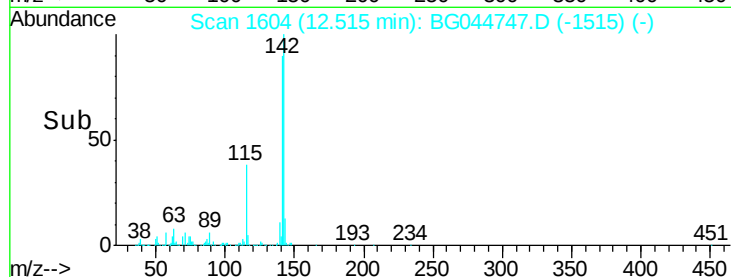
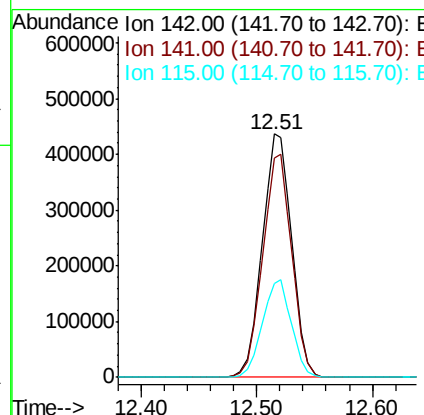
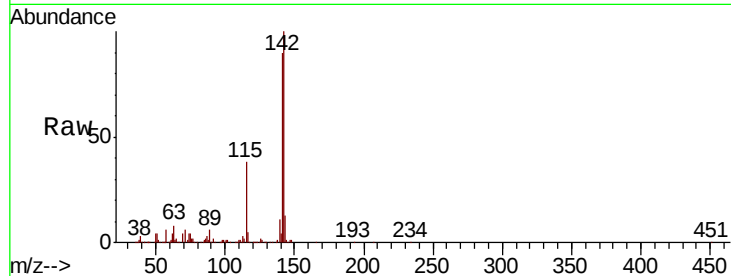
#37
2-Methylnaphthalene
Concen: 42.174 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.3	108.5
115	38.4	30.6	45.8

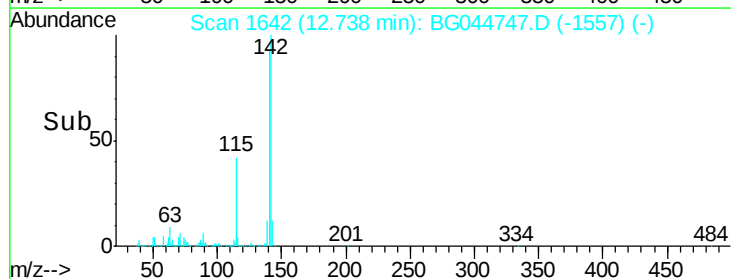
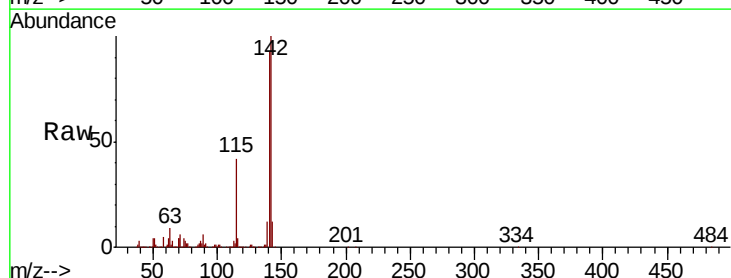
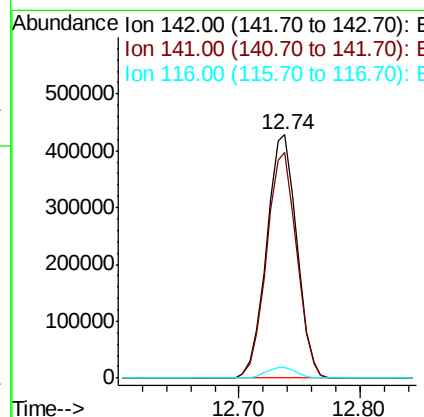
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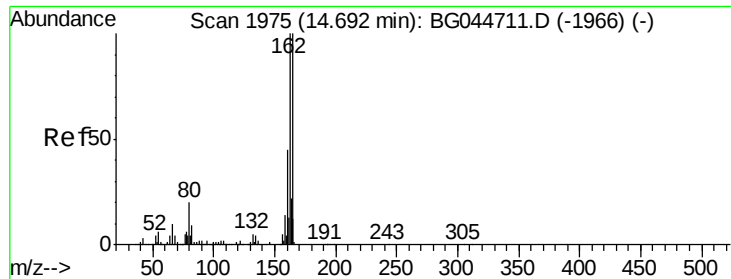
mohammad
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#38
1-Methylnaphthalene
Concen: 42.829 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.2	108.2
116	4.1	3.5	5.3





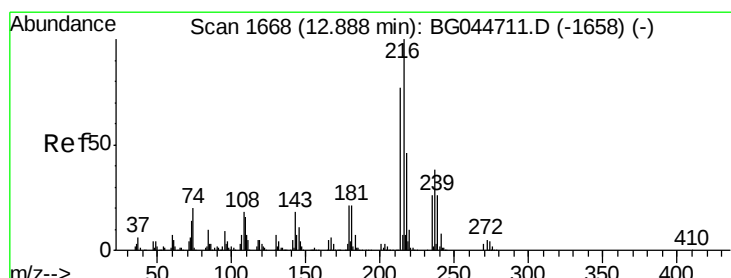
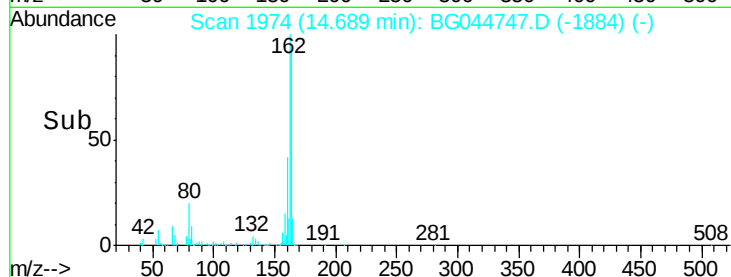
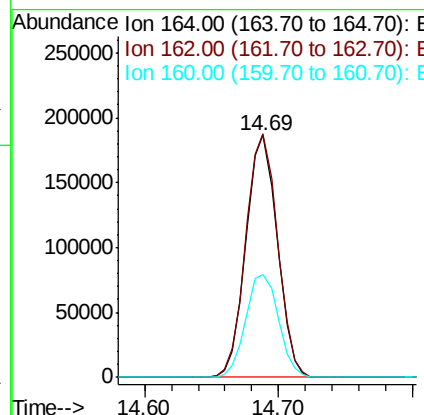
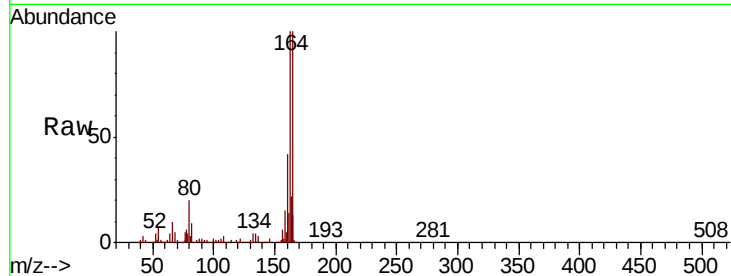
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.4
160	42.3	36.2	54.2

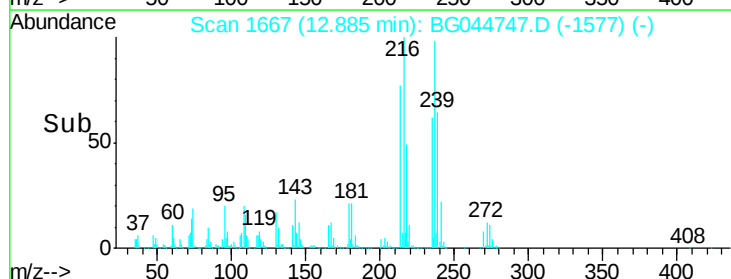
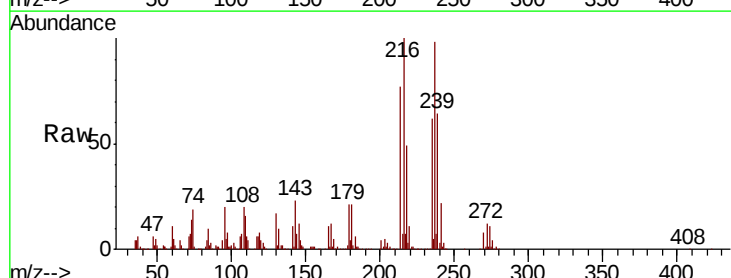
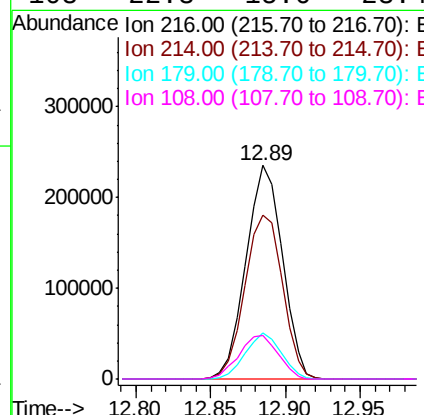
Manual Integrations
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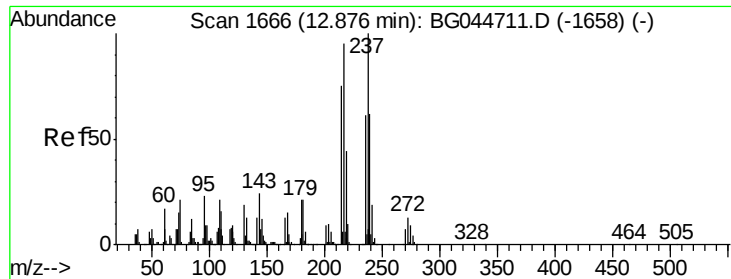
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.073 ng
RT: 12.89 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	21.2	16.6	24.8
108	22.3	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 102.985 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

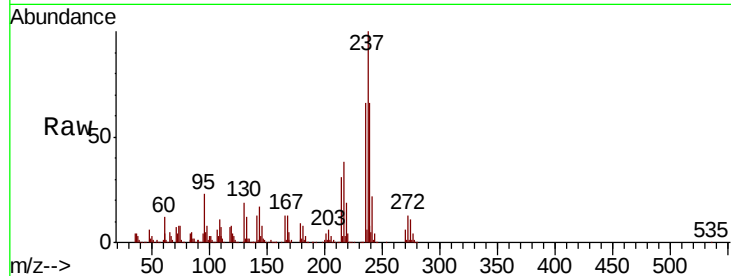
ClientSampleId :

PB127447BS

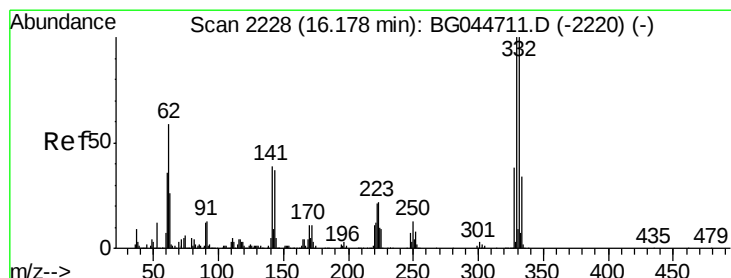
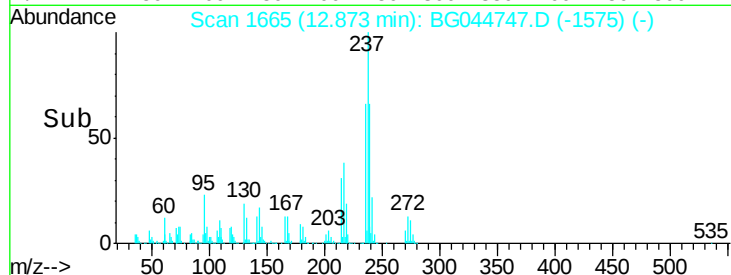
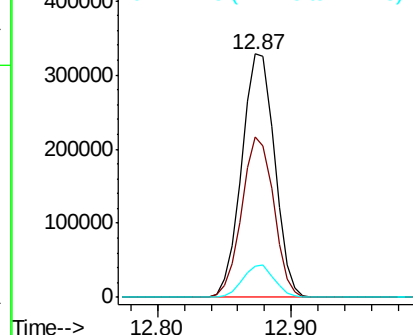
Tot Ion:	237	Resp:	558294
Ion Ratio	Lower	Upper	
237	100		
235	66.1	40.6	80.6
272	12.9	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 127.687 ng

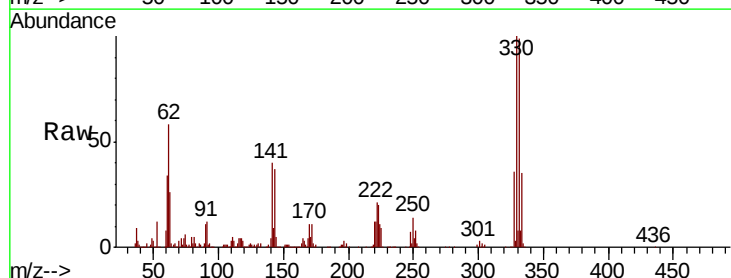
RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

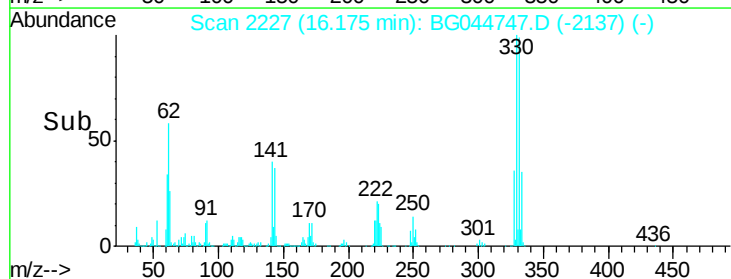
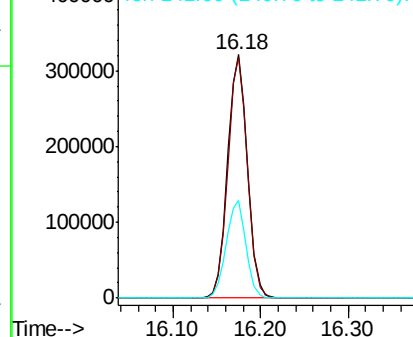
Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:	330	Resp:	503575
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.5	116.3
141	39.9	31.7	47.5



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





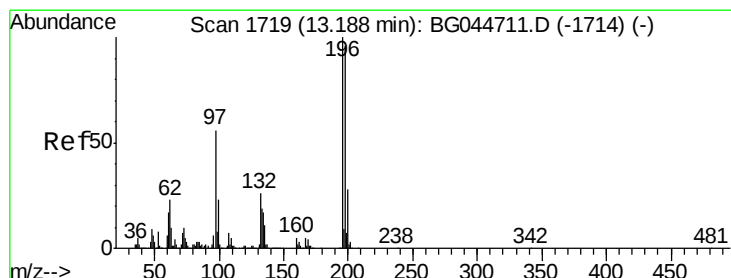
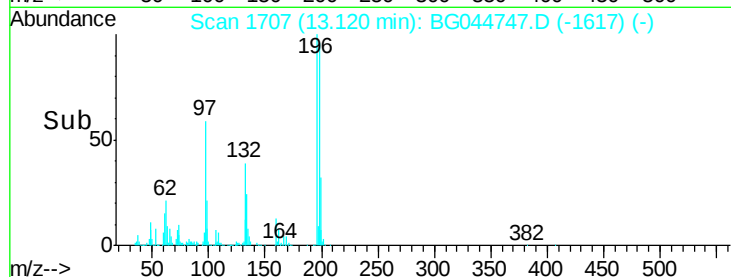
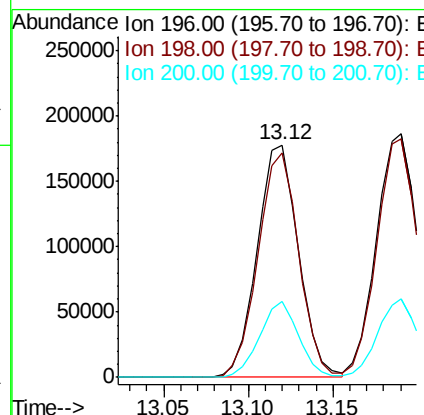
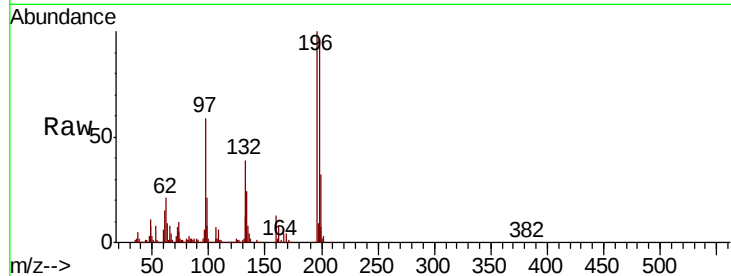
#43
2,4,6-Trichlorophenol
Concen: 45.683 ng
RT: 13.12 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	300739		
198	96.4	76.5	114.7	
200	32.4	25.9	38.9	

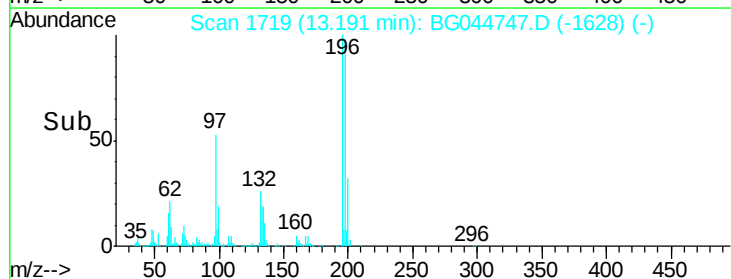
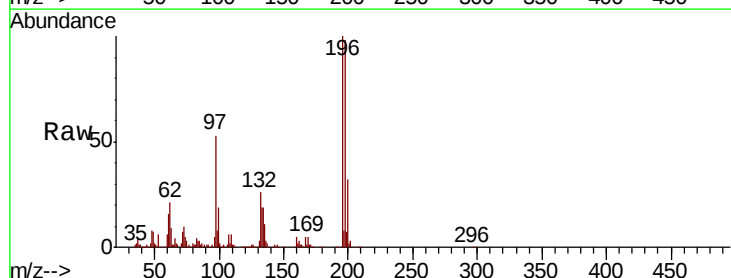
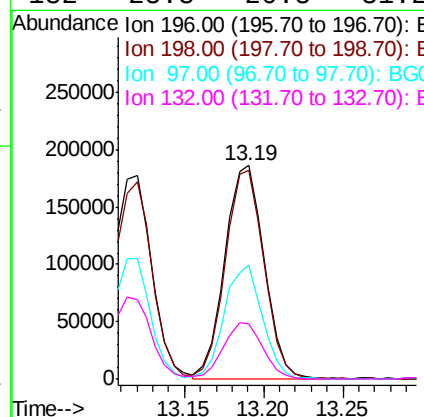
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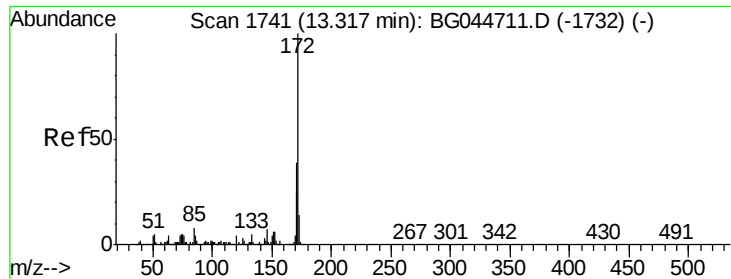
mohammad
3/16/2020 1:48:30 PM



#44
2,4,5-Trichlorophenol
Concen: 46.607 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	318194		
198	97.8	77.3	115.9	
97	53.4	44.9	67.3	
132	25.8	20.8	31.2	





#45

2-Fluorobiphenyl

Concen: 81.267 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

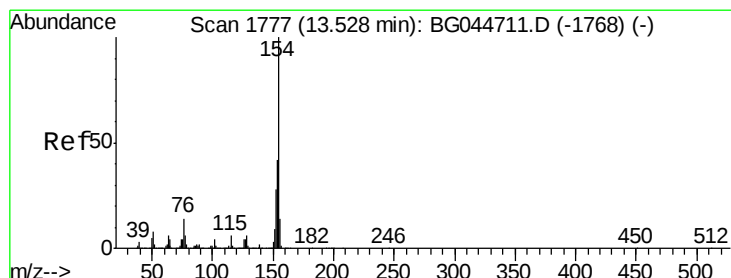
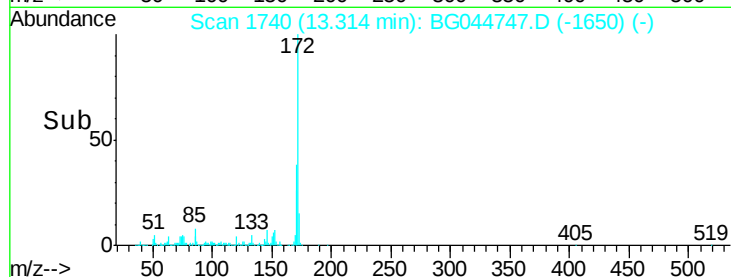
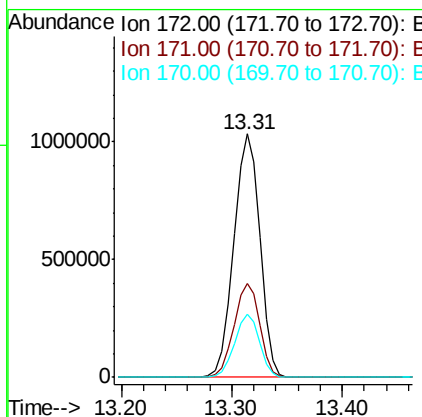
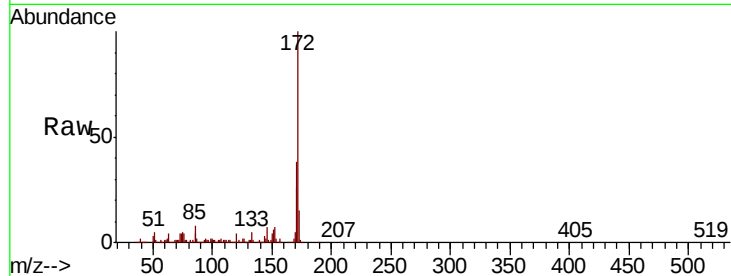
ClientSampleId :

PB127447BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	26.1	20.0	30.0

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#46

1,1'-Biphenyl

Concen: 40.101 ng

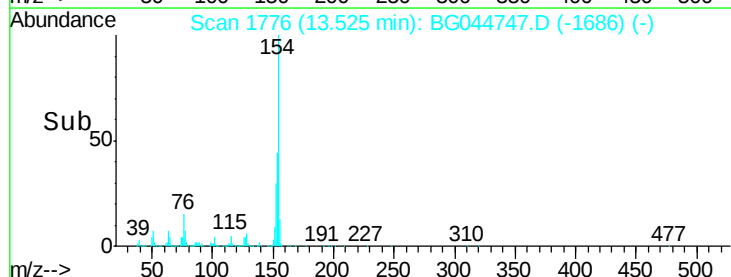
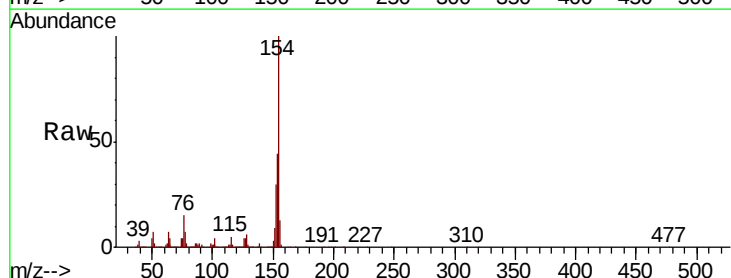
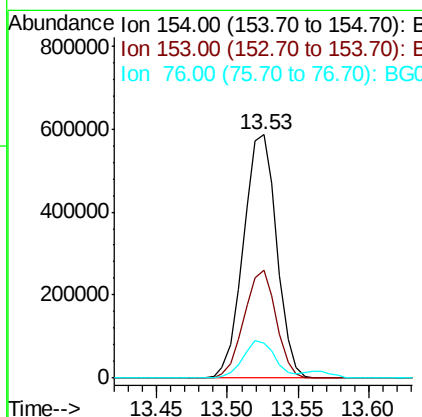
RT: 13.53 min Scan# 1776

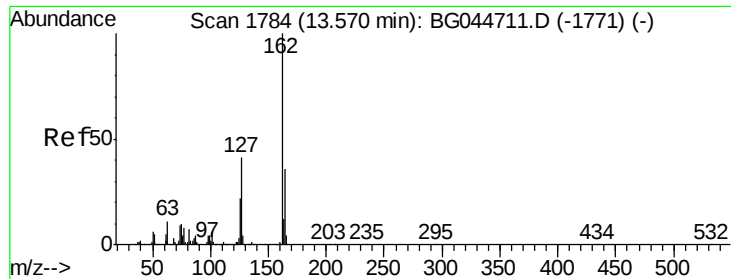
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	22.0	62.0
76	14.6	0.0	34.2





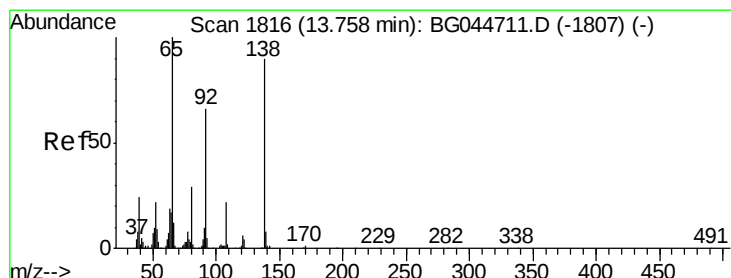
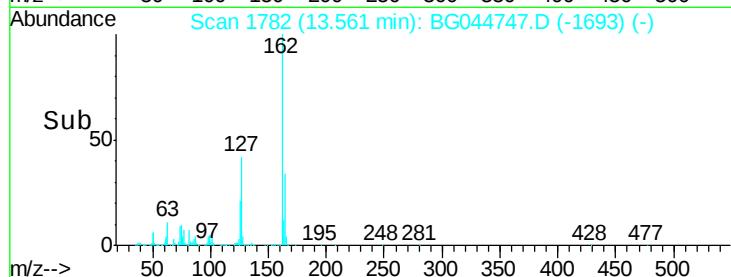
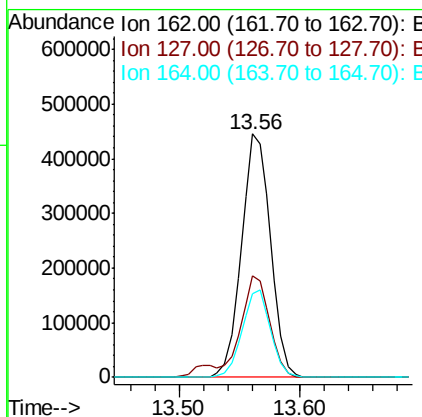
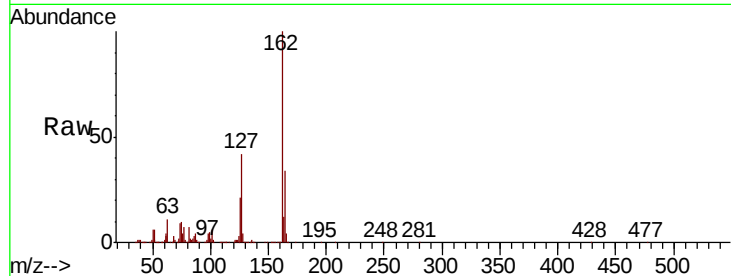
#47
 2-Chloronaphthalene
 Concen: 40.545 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Instrument :
 BNA_G
 ClientSampleId :
 PB127447BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	34.2	29.0	43.4

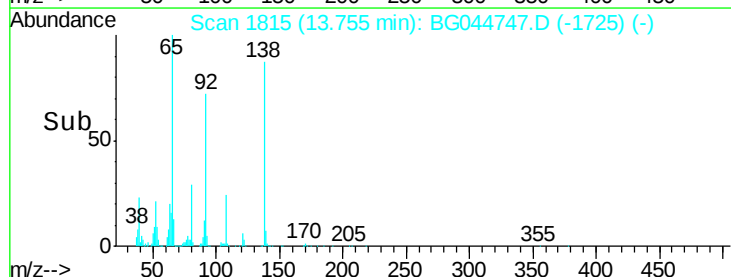
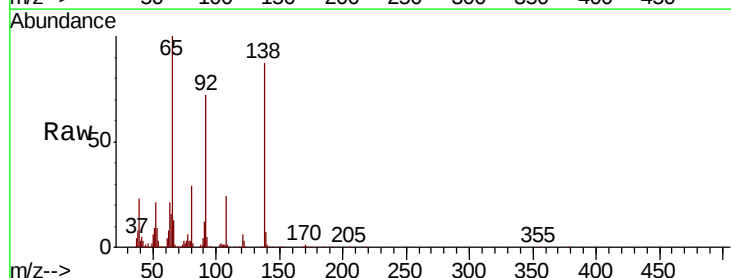
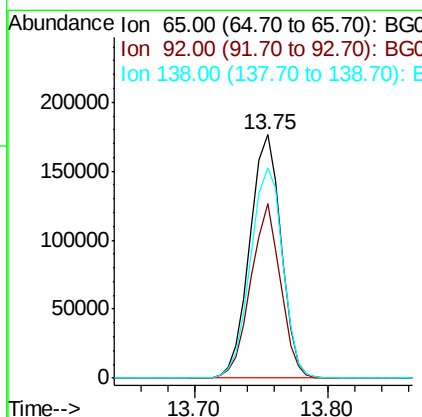
Manual Integrations
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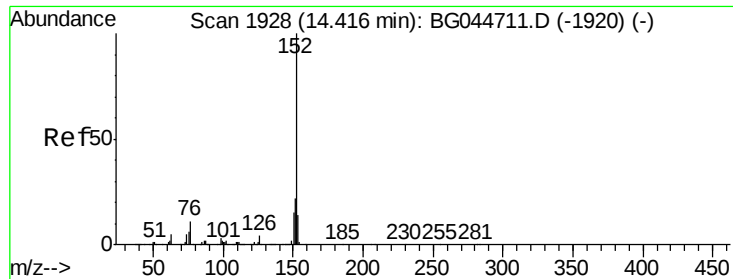
mohammad
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#48
 2-Nitroaniline
 Concen: 44.431 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	52.6	79.0
138	86.6	71.8	107.6





#49

Acenaphthylene

Concen: 43.230 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

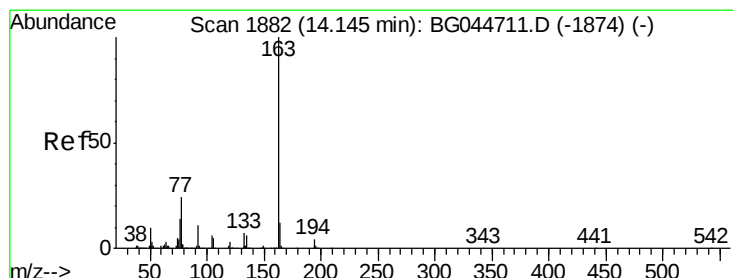
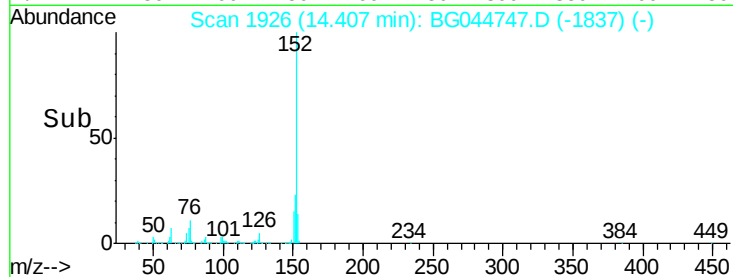
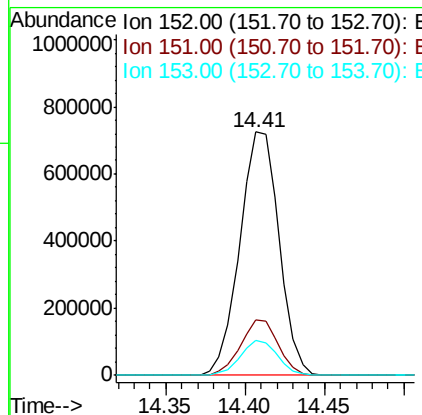
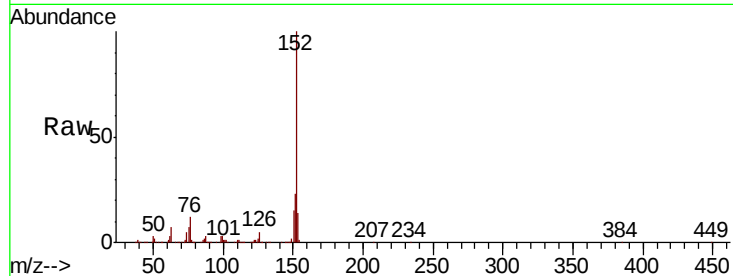
ClientSampleId :

PB127447BS

Tot Ion:	152	Resp:	1245318
Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.8	26.8
153	14.4	11.4	17.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.517 ng

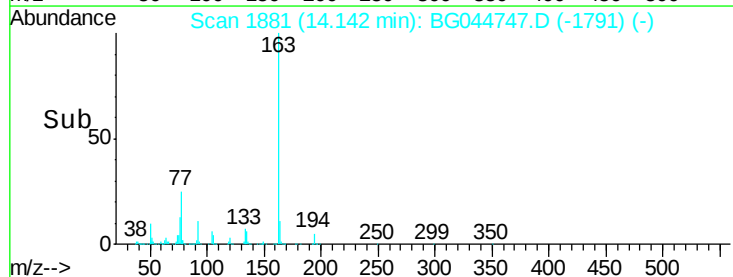
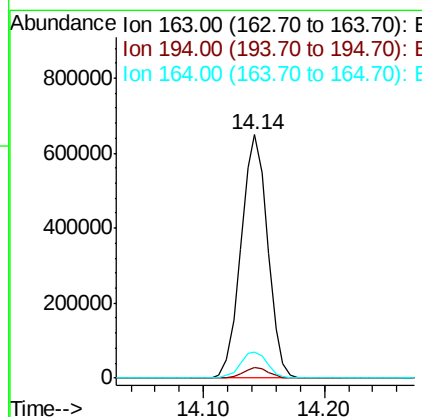
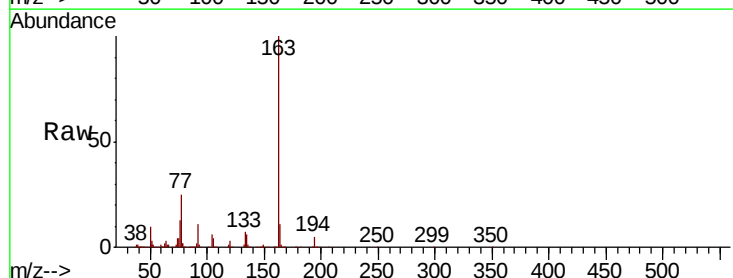
RT: 14.14 min Scan# 1881

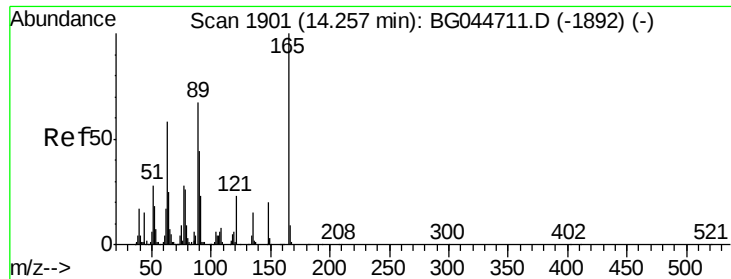
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:	163	Resp:	995974
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.7	9.2	13.8





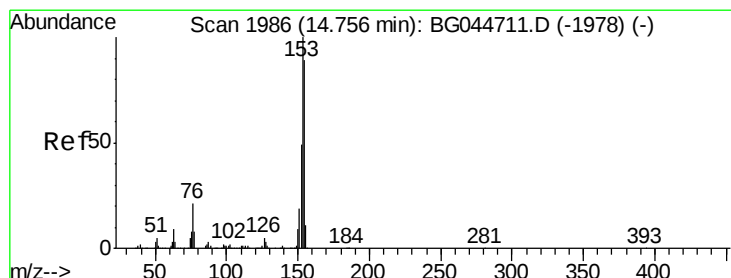
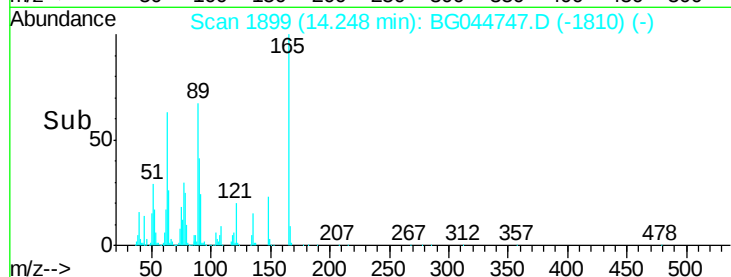
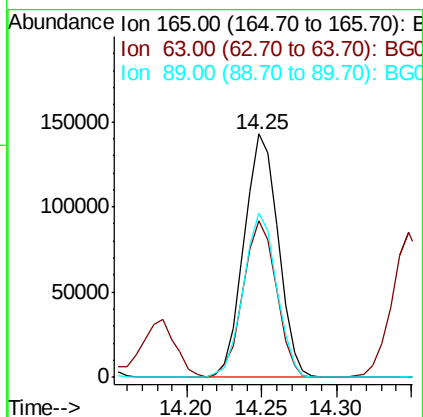
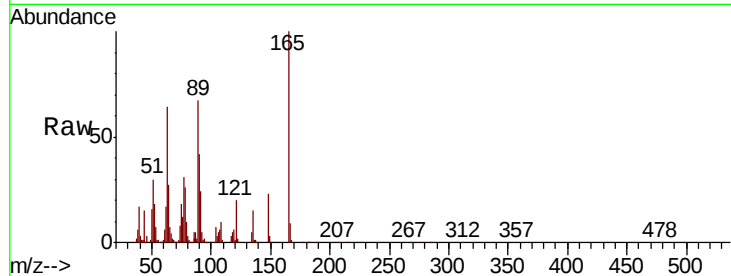
#51
2,6-Dinitrotoluene
Concen: 46.574 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	225210		
63	64.4	48.9	73.3	
89	67.3	53.8	80.8	

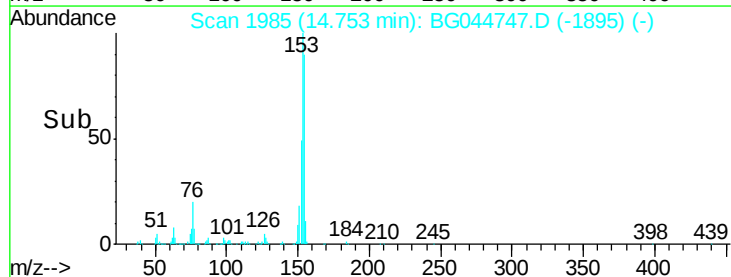
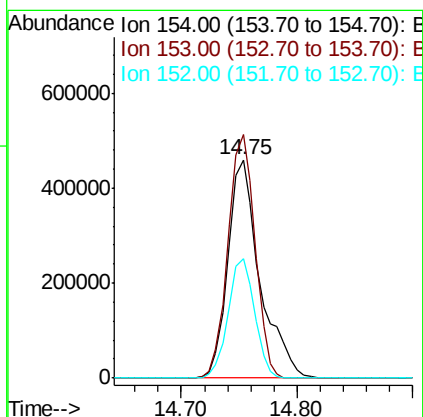
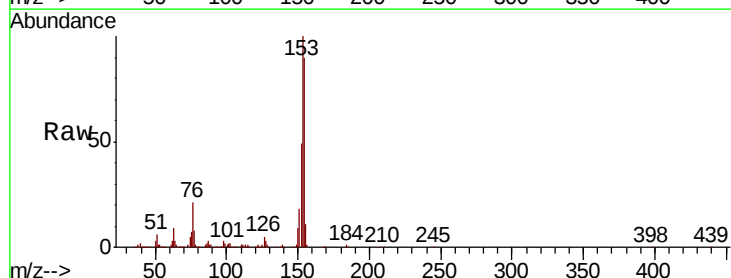
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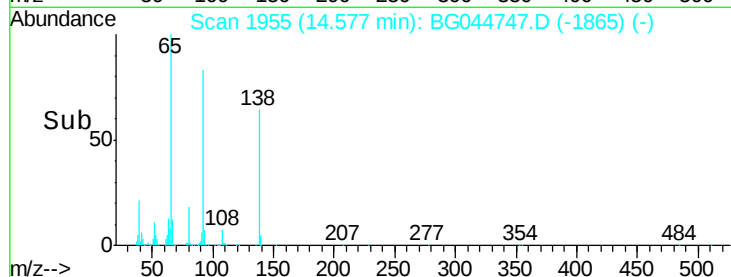
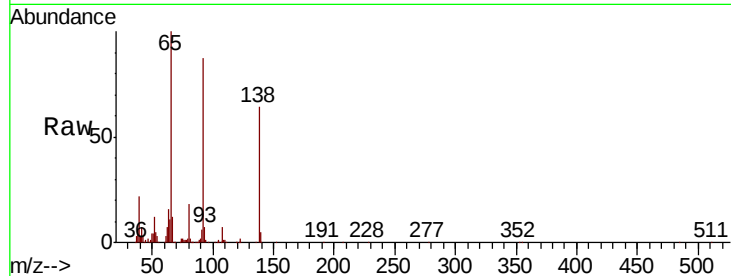
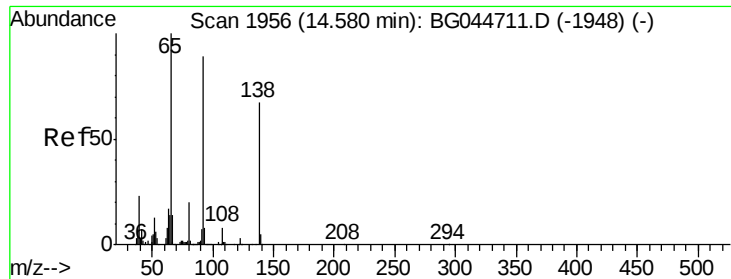
mohammad
3/16/2020 1:48:30 PM



#52
Acenaphthene
Concen: 46.705 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	881131		
153	111.6	89.8	134.8	
152	54.7	44.4	66.6	





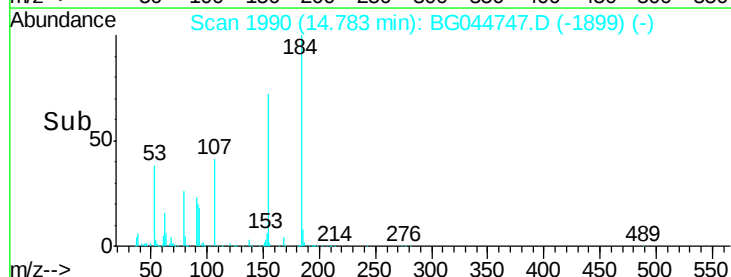
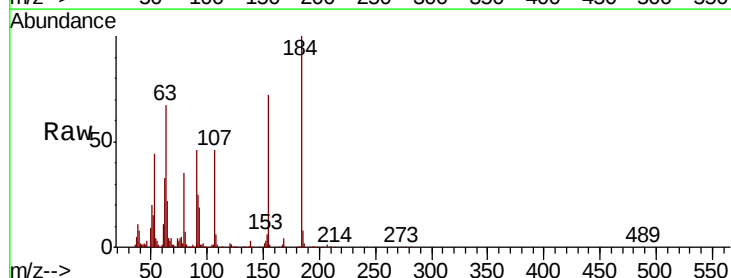
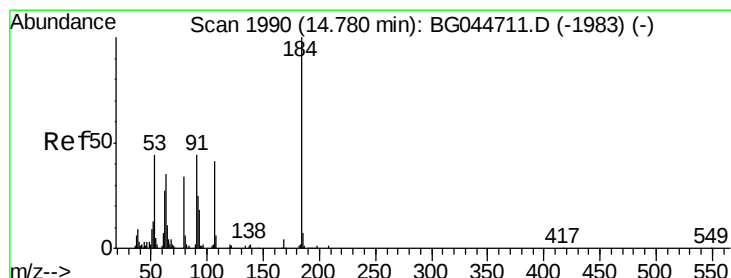
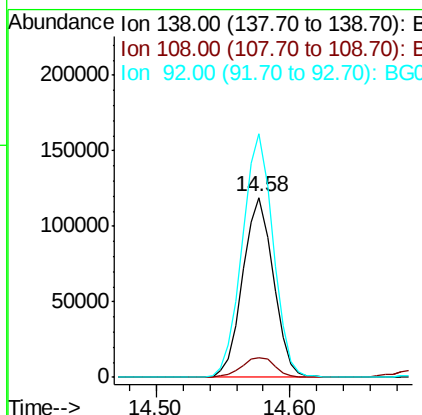
#53
3-Nitroaniline
Concen: 34.093 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.2	13.8
92	135.5	105.6	158.4

Instrument :
BNA_G
ClientSampleId :
PB127447BS

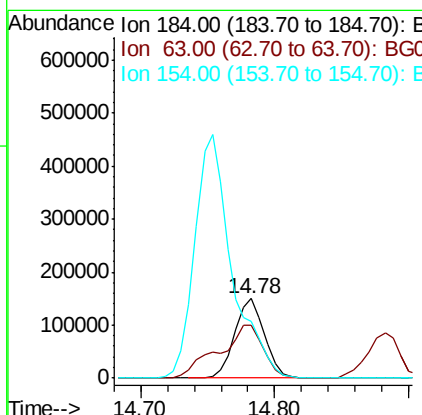
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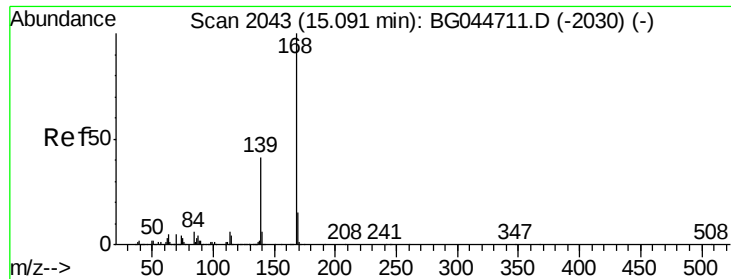
mohammad
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#54
2,4-Dinitrophenol
Concen: 91.022 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	49.0	73.6
154	71.9	94.5	141.7#





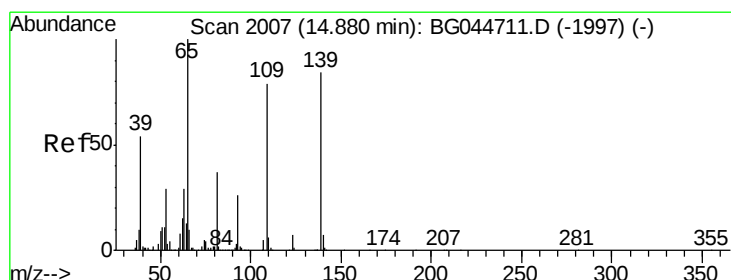
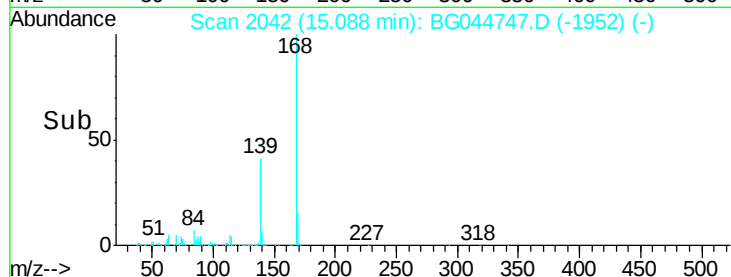
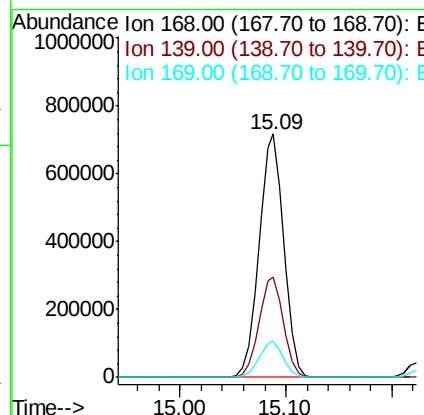
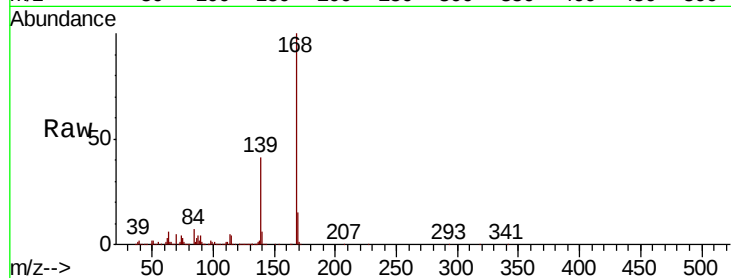
#55
Dibenzofuran
Concen: 42.551 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.6	49.0
169	14.7	11.8	17.6

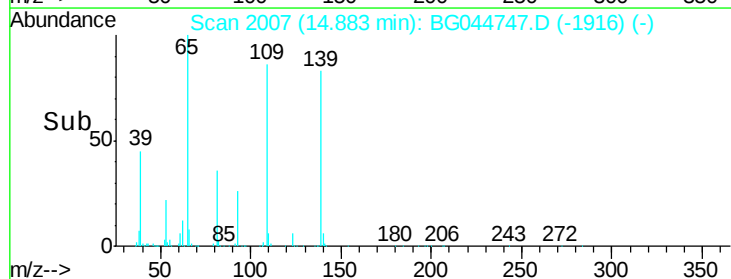
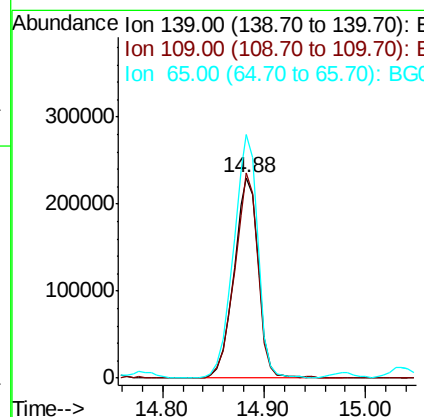
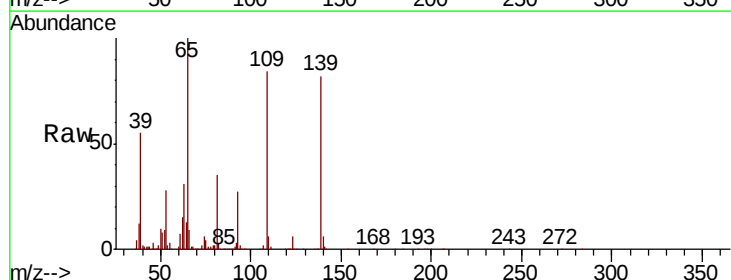
Manual Integrations
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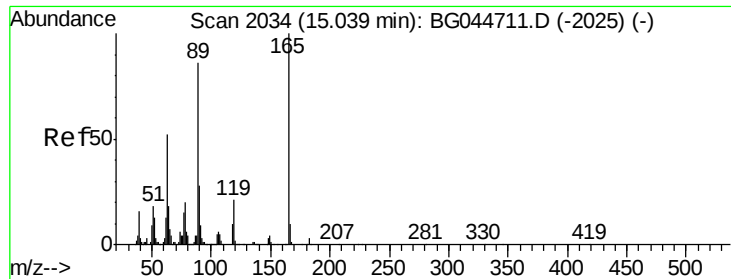
mohammad
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#56
4-Nitrophenol
Concen: 90.399 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.7	74.1	114.1
65	121.6	98.6	138.6





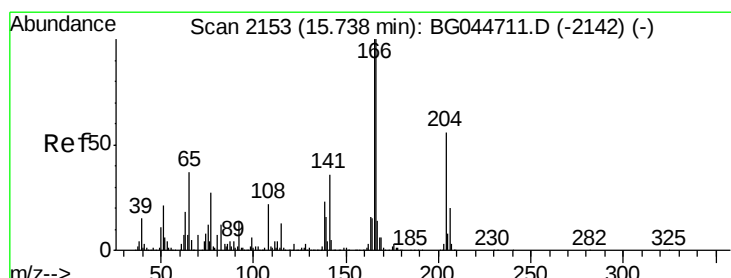
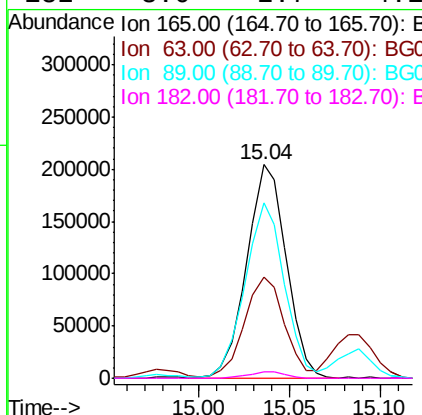
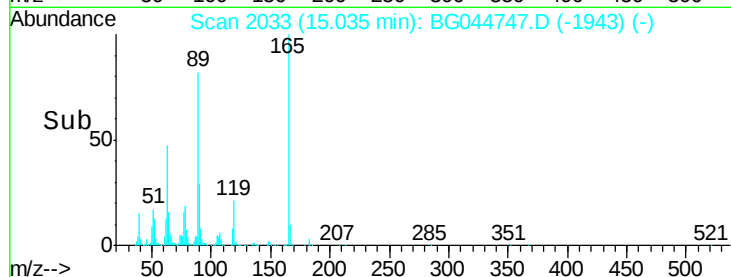
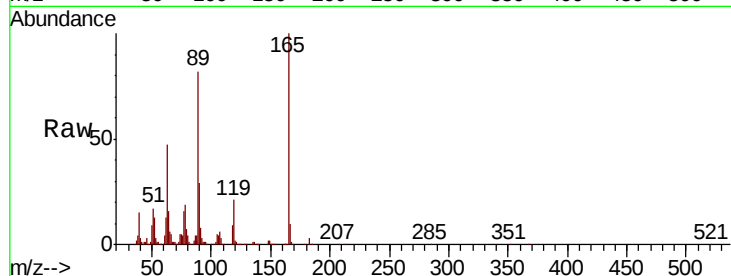
#57
2,4-Dinitrotoluene
Concen: 46.604 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	41.5	62.3
89	82.2	69.0	103.4
182	3.0	2.7	4.1

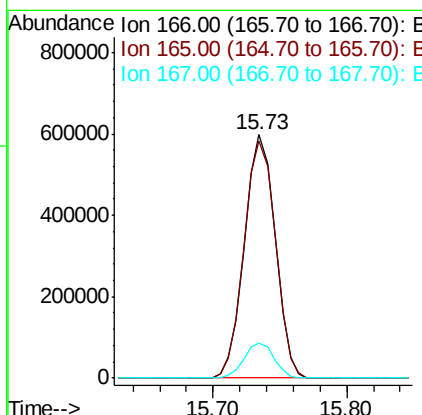
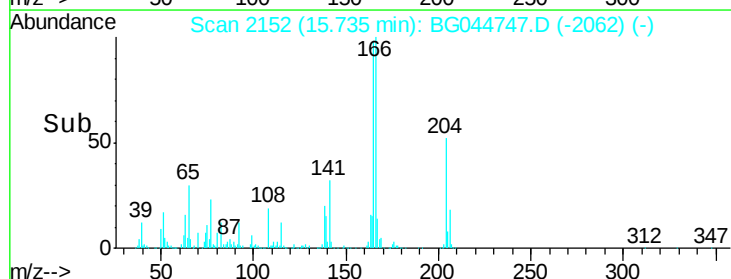
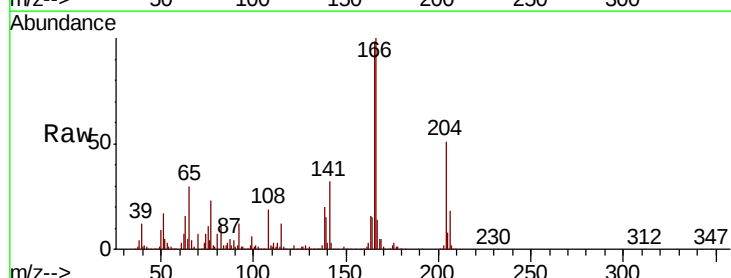
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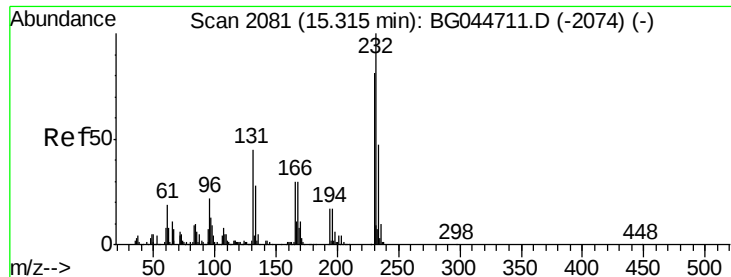
mohammad
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#58
Fluorene
Concen: 42.345 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.6	119.4
167	14.5	11.4	17.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.403 ng/ml

RT: 15.31 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

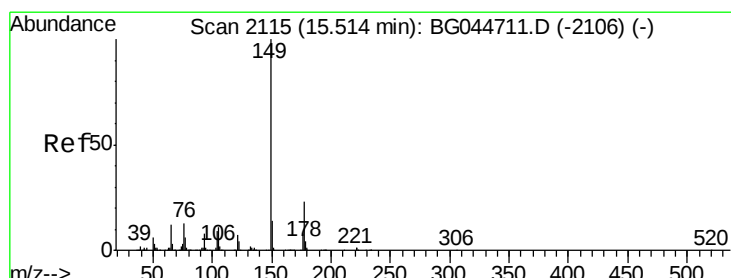
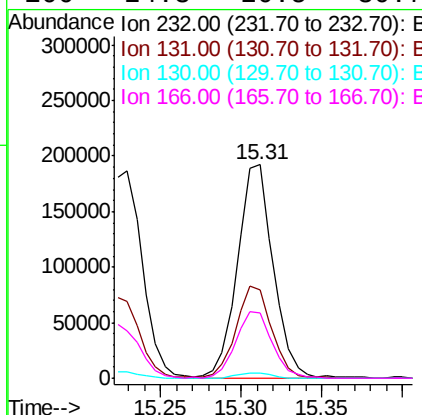
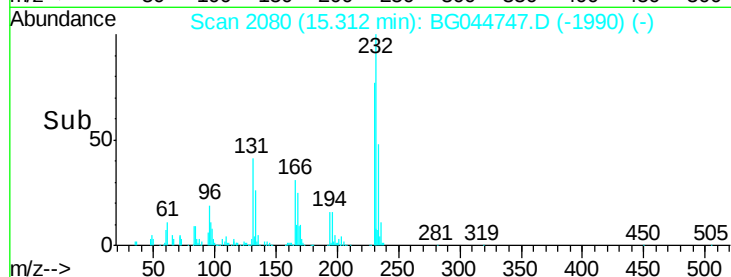
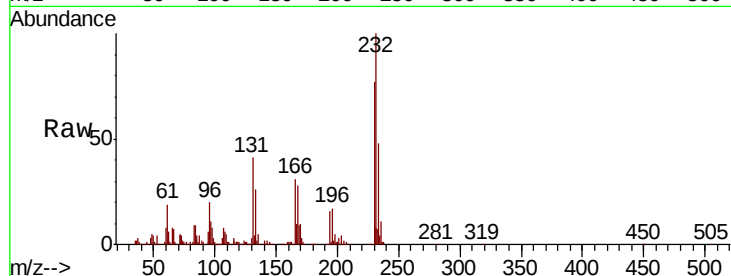
ClientSampleId :

PB127447BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.3	32.4	48.6
130	2.9	2.0	3.0
166	24.3	20.5	30.7

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#60

Diethylphthalate

Concen: 41.293 ng/ml

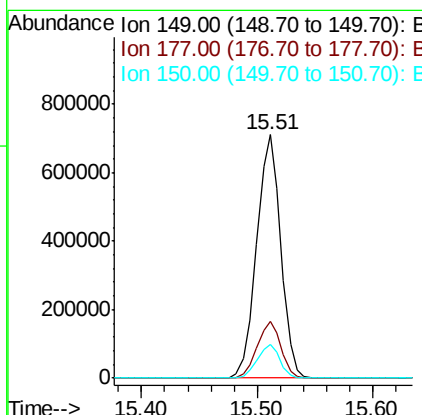
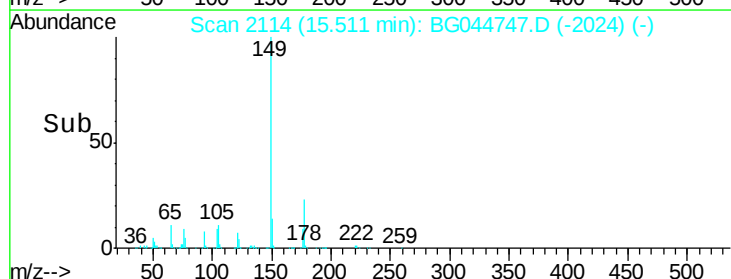
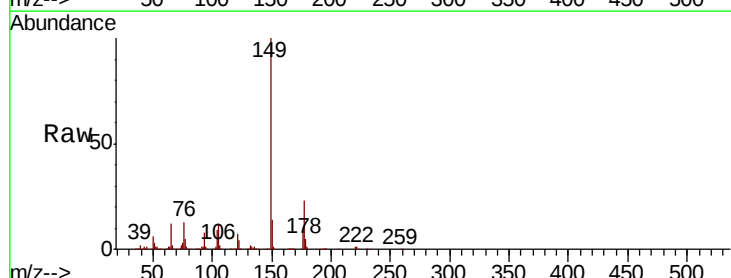
RT: 15.51 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.8	28.2
150	13.6	11.2	16.8





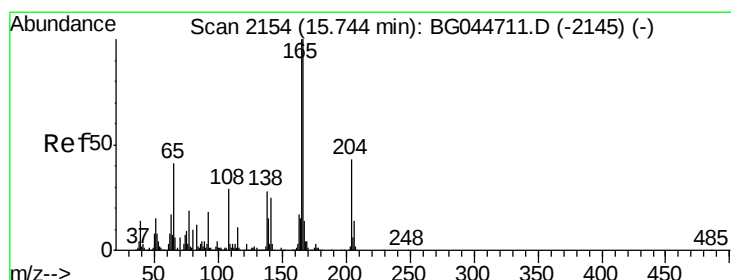
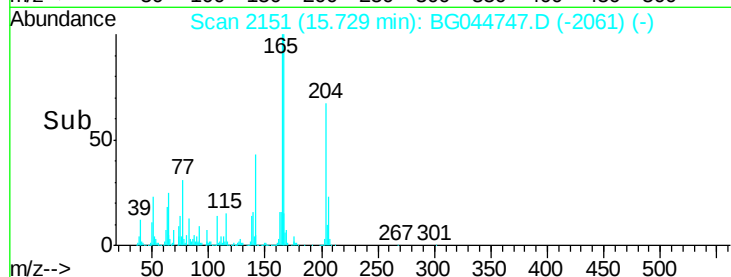
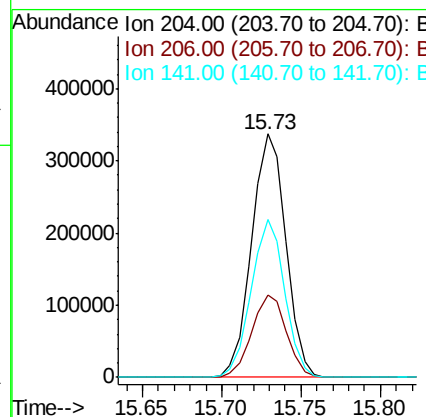
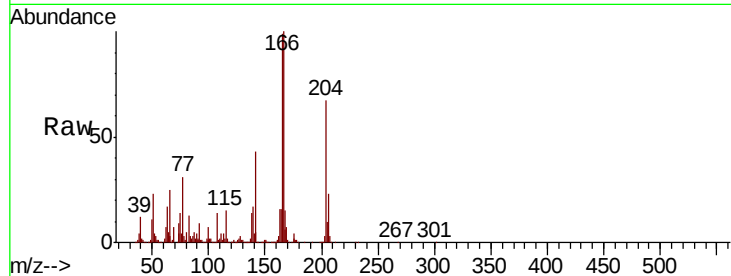
#61
4-Chlorophenyl-phenylether
Concen: 41.730 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	25.8	38.6
141	64.7	50.8	76.2

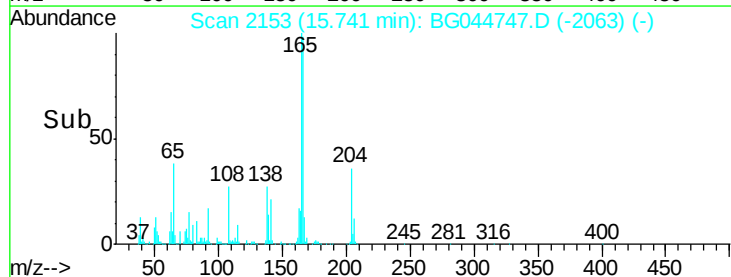
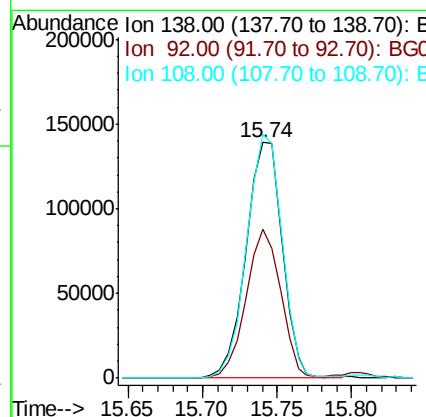
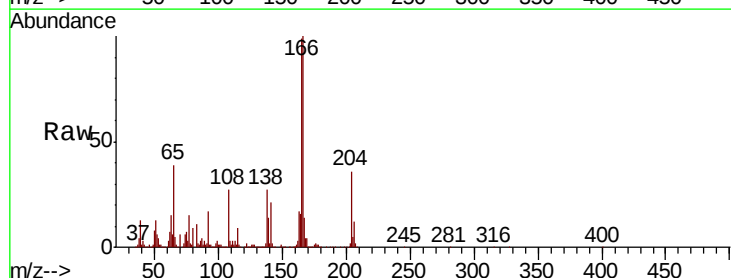
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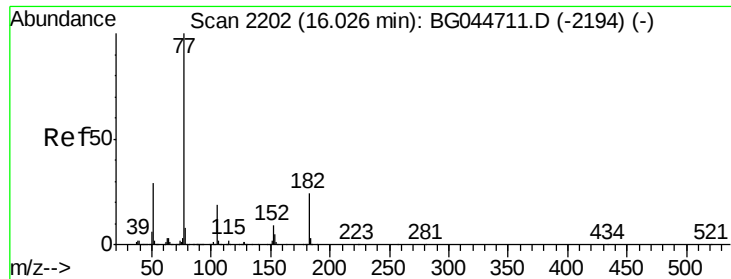
mohammad
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#62
4-Nitroaniline
Concen: 39.570 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.1	42.1	82.1
108	103.3	81.2	121.2





#63

Azobenzene

Concen: 42.352 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

PB127447BS

Tot Ion: 77 Resp: 1100451

Ion Ratio Lower Upper

77 100

182 24.1 3.6 43.6

105 19.0 0.0 39.3

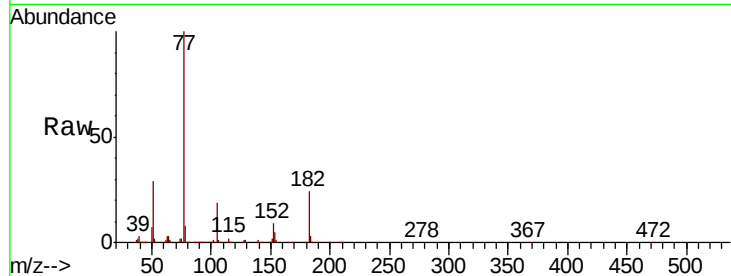
51 29.0 8.7 48.7

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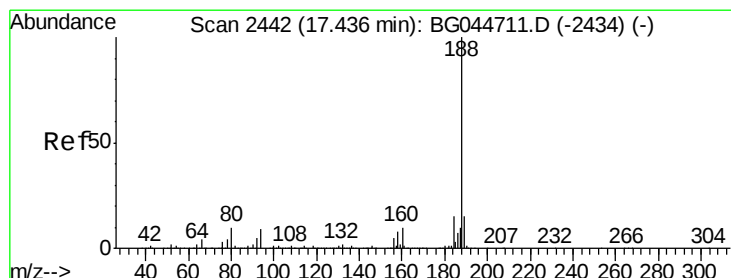
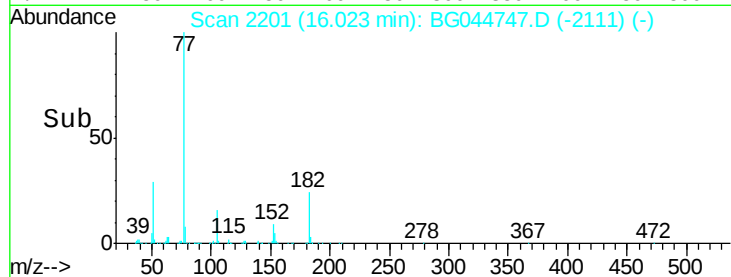
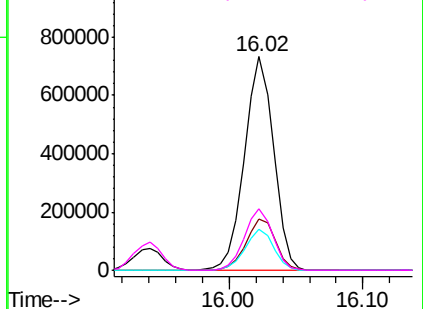


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

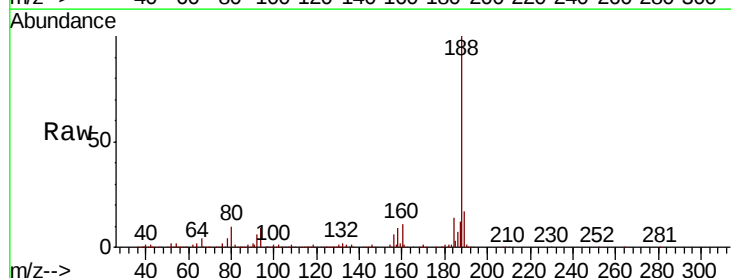
Tgt Ion: 188 Resp: 676738

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

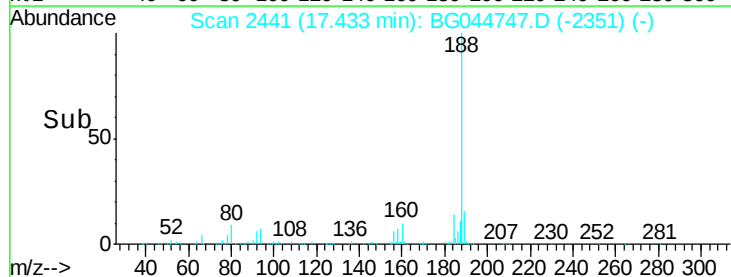
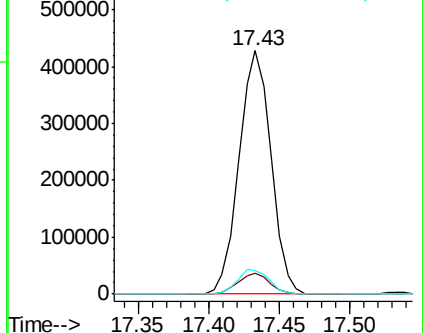
80 9.6 8.4 12.6

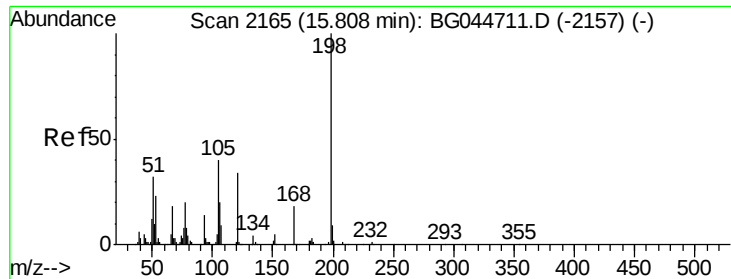


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





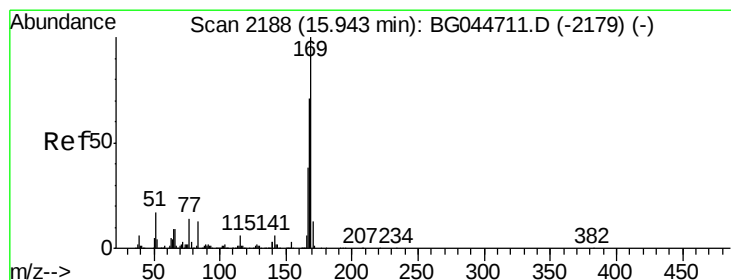
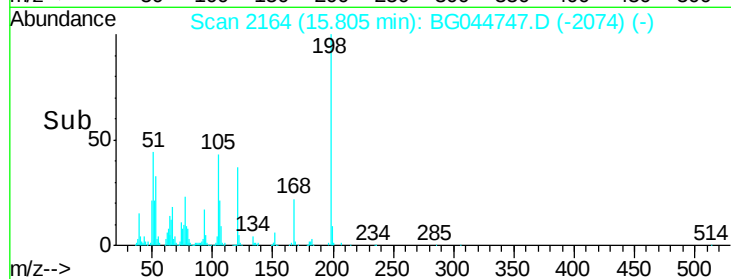
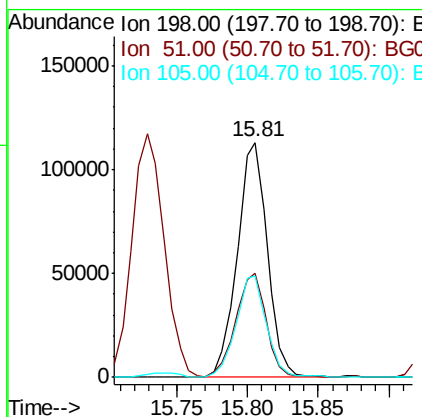
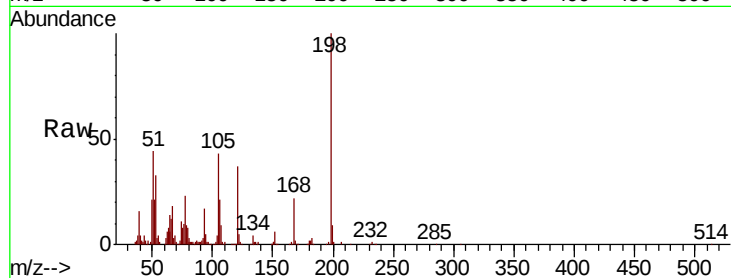
#65
4,6-Dinitro-2-methylphenol
Concen: 52.140 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	168575		
51	44.0		20.1	60.1
105	43.1		21.3	61.3

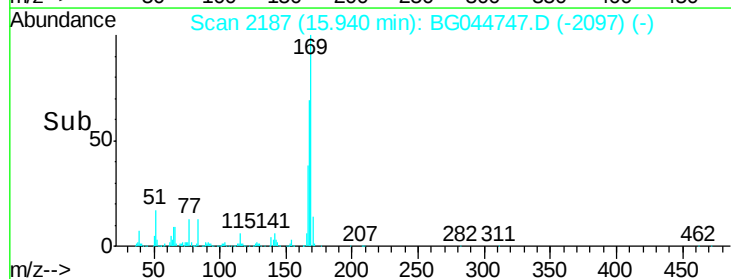
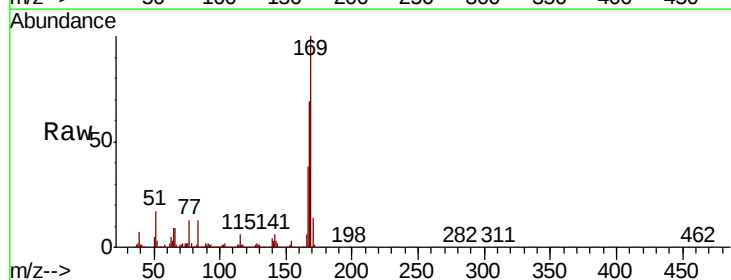
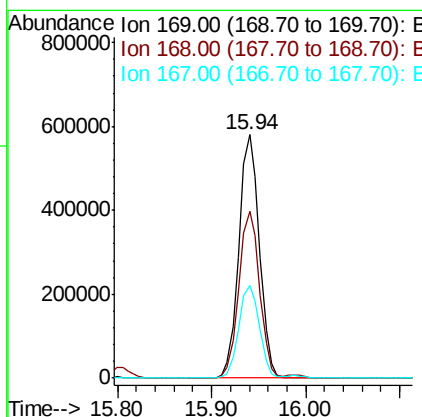
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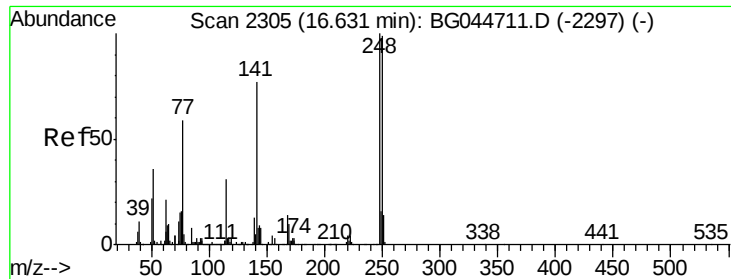
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.873 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	873519		
168	68.7		56.6	85.0
167	38.2		30.1	45.1





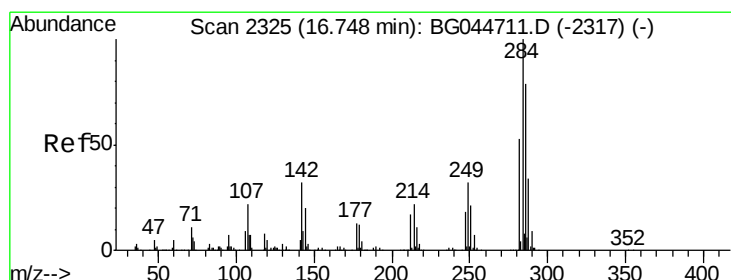
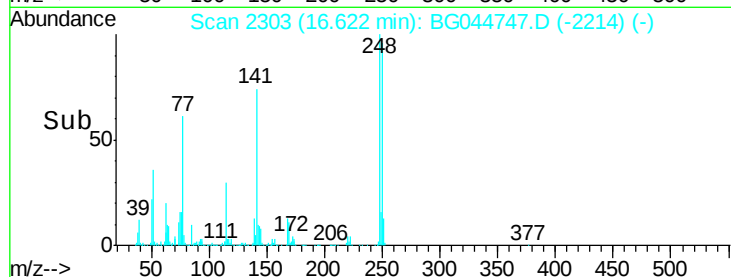
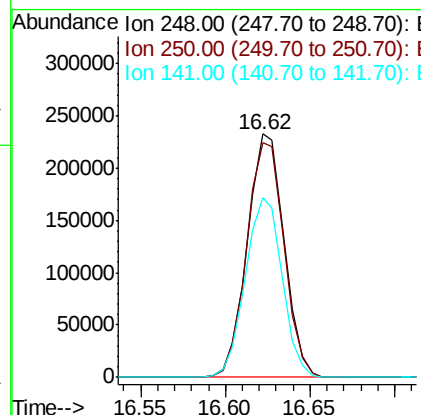
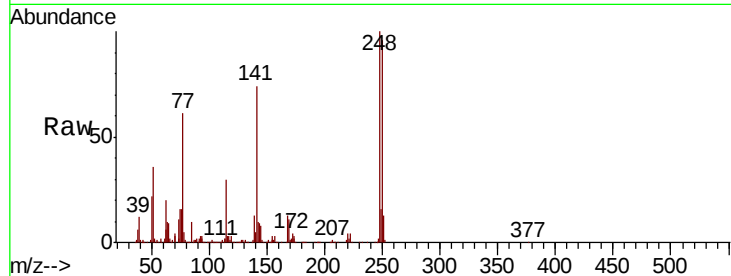
#67
 4-Bromophenyl-phenylether
 Concen: 41.578 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Instrument :
 BNA_G
 ClientSampleId :
 PB127447BS

Tot Ion:	248	Resp:	351754
Ion Ratio	Lower	Upper	
248	100		
250	96.3	79.4	119.0
141	73.8	61.7	92.5

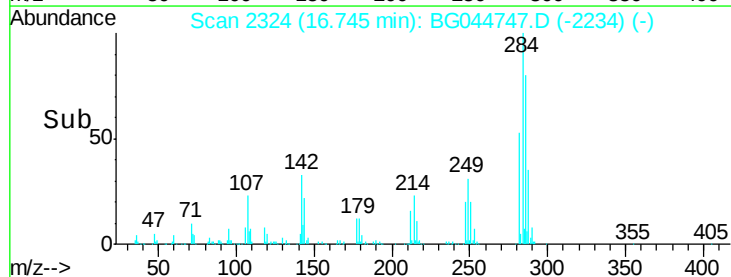
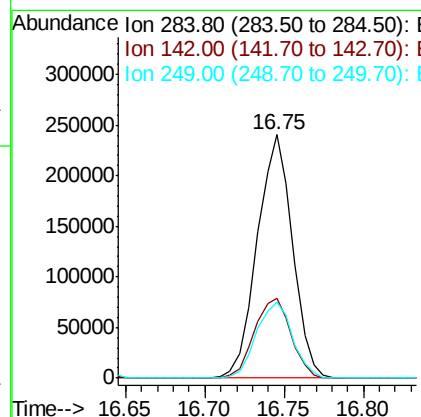
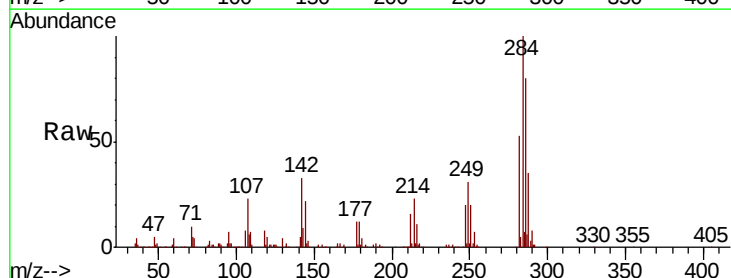
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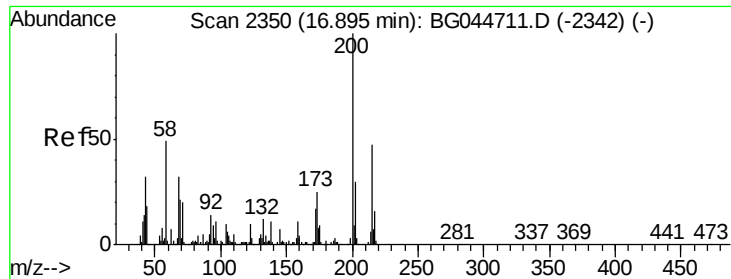
mohammad
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#68
 Hexachlorobenzene
 Concen: 40.514 ng
 RT: 16.75 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Tgt Ion:	284	Resp:	371856
Ion Ratio	Lower	Upper	
284	100		
142	33.0	25.6	38.4
249	31.3	25.8	38.6





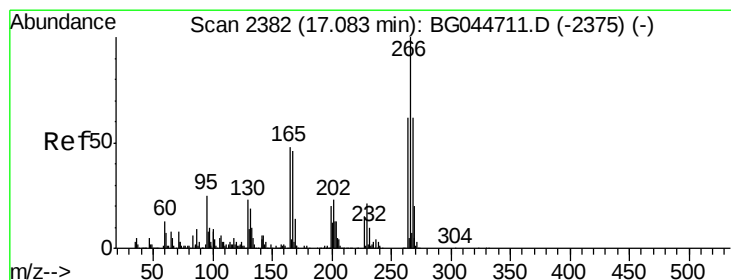
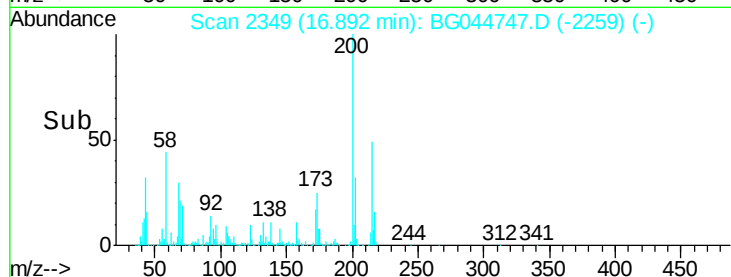
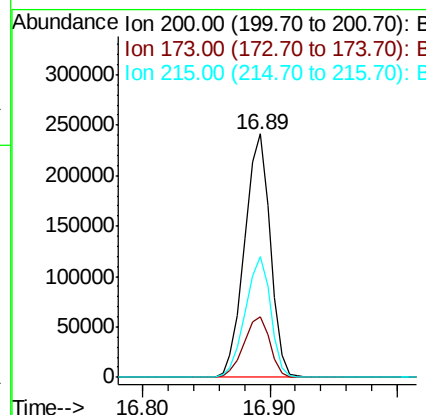
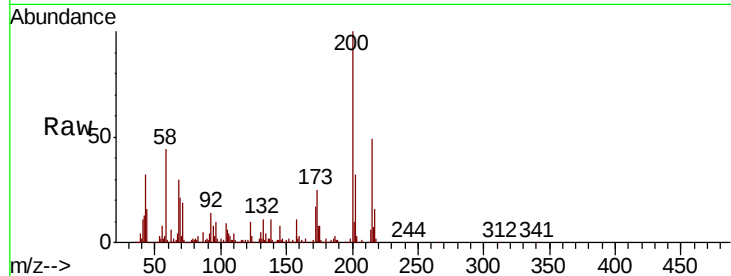
#69
Atrazine
Concen: 45.261 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.8	44.8
215	49.5	27.4	67.4

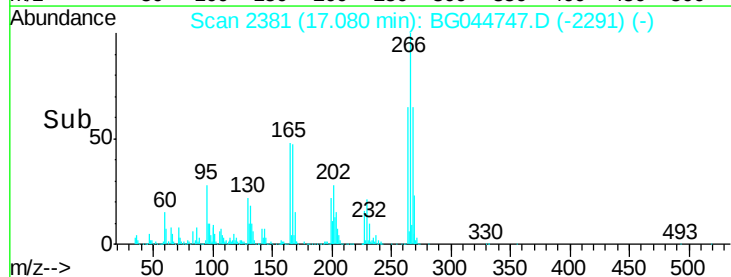
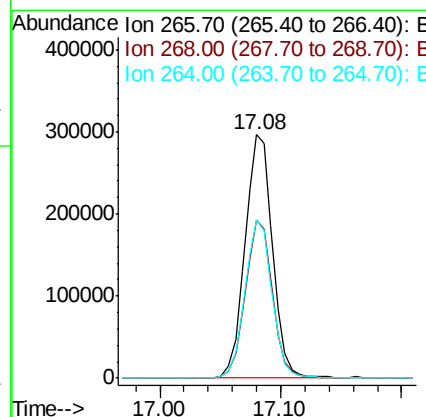
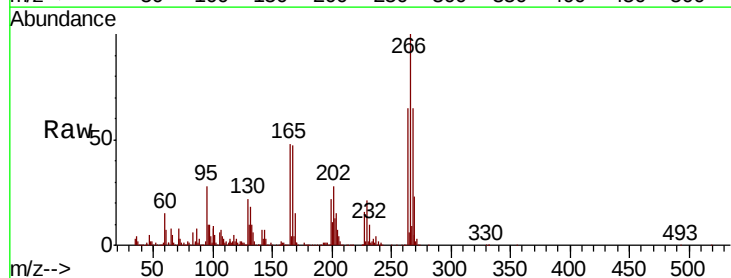
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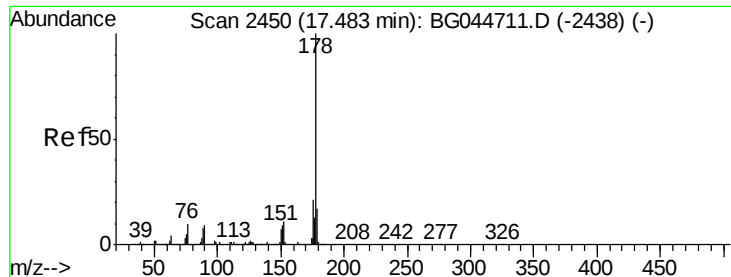
mohammad
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#70
Pentachlorophenol
Concen: 93.089 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	49.9	74.9
264	64.9	49.9	74.9





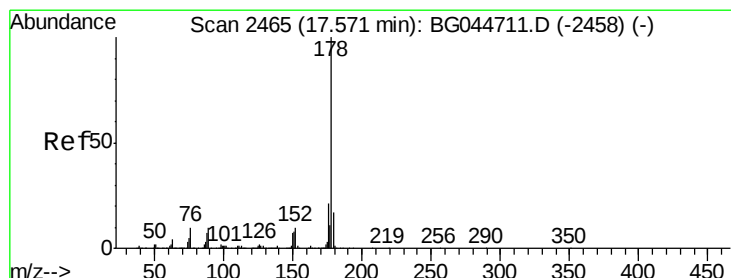
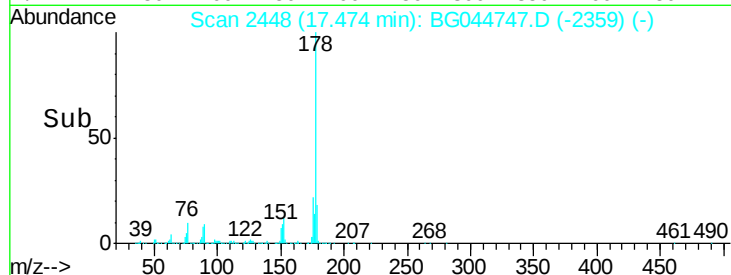
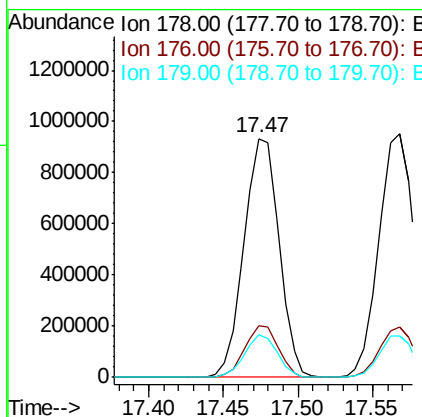
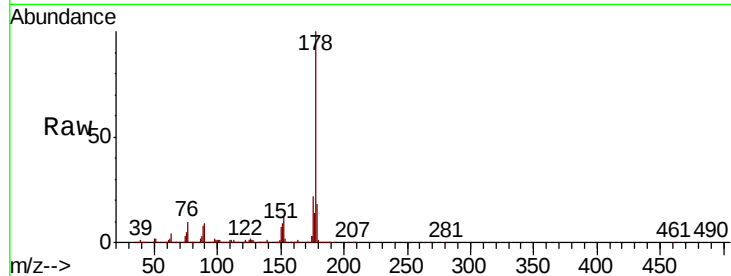
#71
Phenanthrene
Concen: 41.978 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion:178 Resp: 1518095
Ion Ratio Lower Upper
178 100
176 21.6 17.0 25.6
179 17.7 13.7 20.5

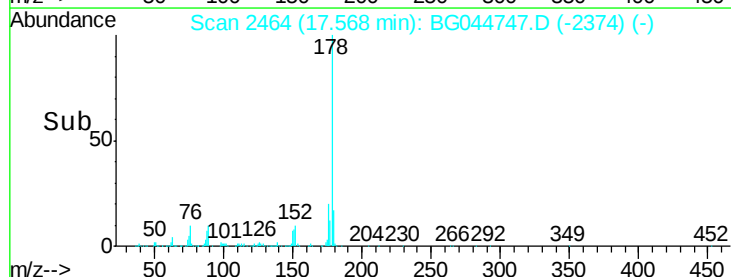
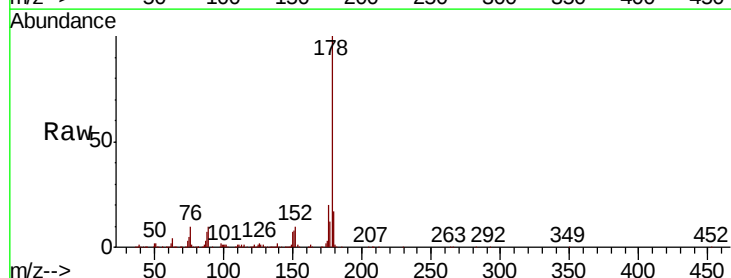
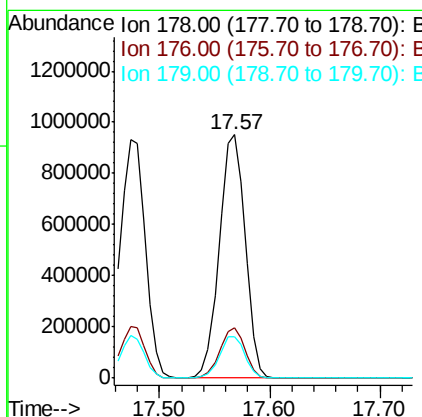
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#72
Anthracene
Concen: 43.727 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:178 Resp: 1559284
Ion Ratio Lower Upper
178 100
176 20.5 17.0 25.6
179 17.2 13.8 20.8





#73

Carbazole

Concen: 42.025 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

PB127447BS

Tot Ion:167 Resp: 1439496

Ion Ratio Lower Upper

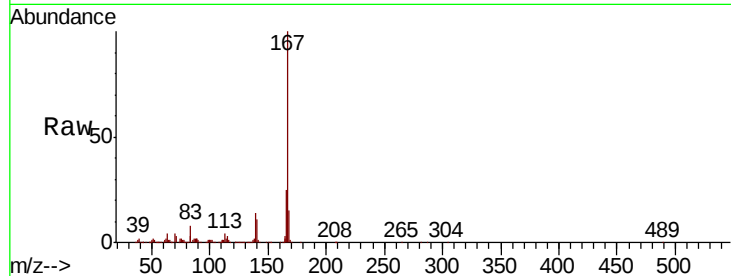
167 100

166 24.7 19.6 29.4

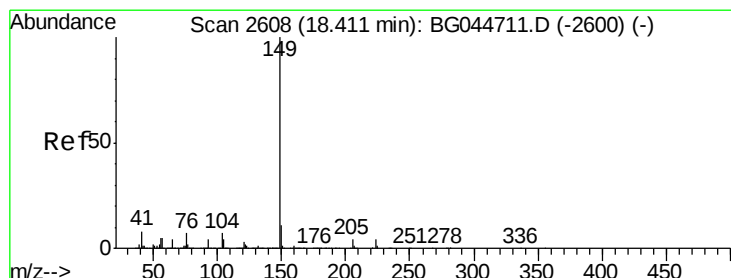
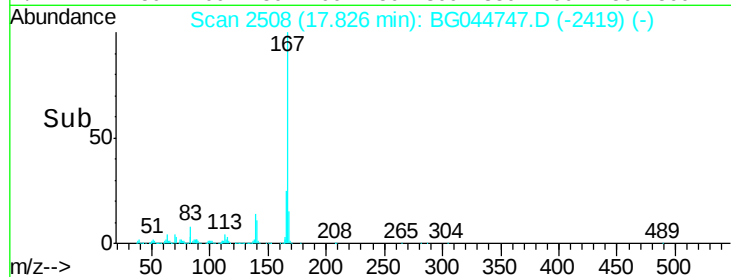
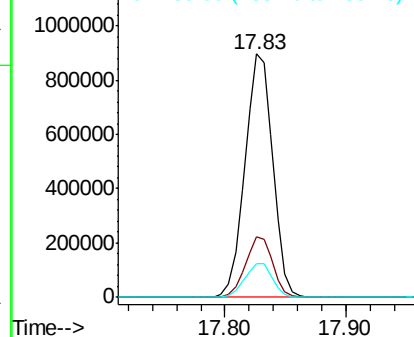
139 13.8 11.4 17.2

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Abundance Ion 167.00 (166.70 to 167.70): E
1200000 Ion 166.00 (165.70 to 166.70): E
1000000 Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.872 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

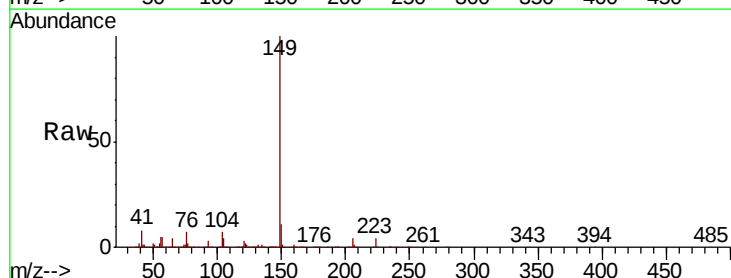
Tgt Ion:149 Resp: 1701872

Ion Ratio Lower Upper

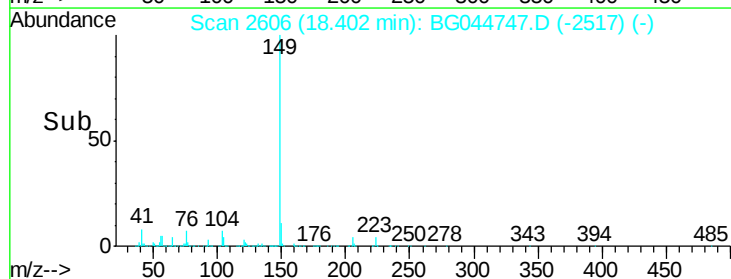
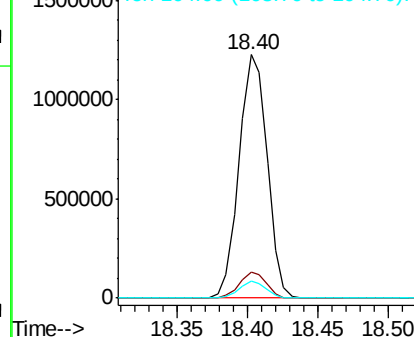
149 100

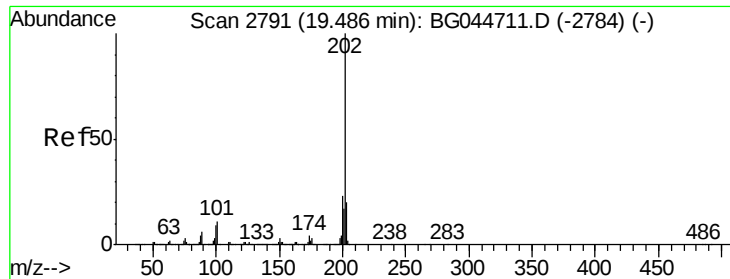
150 10.8 8.4 12.6

104 6.8 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 150.00 (149.70 to 150.70): E
1000000 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.154 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

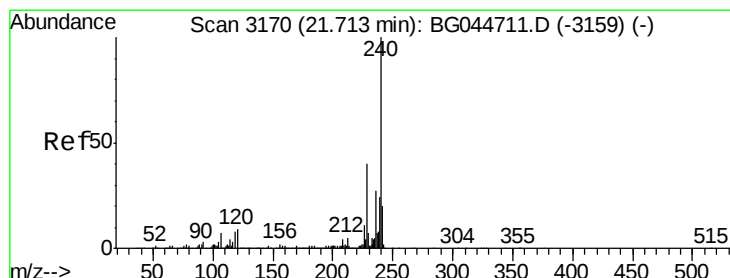
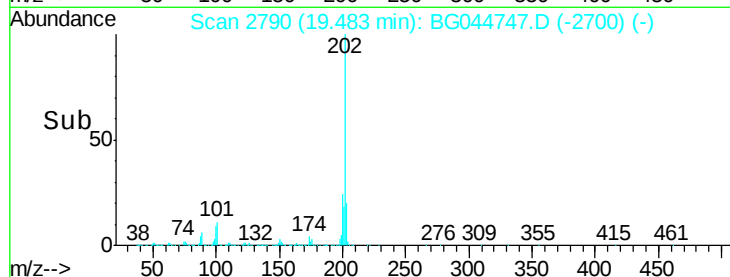
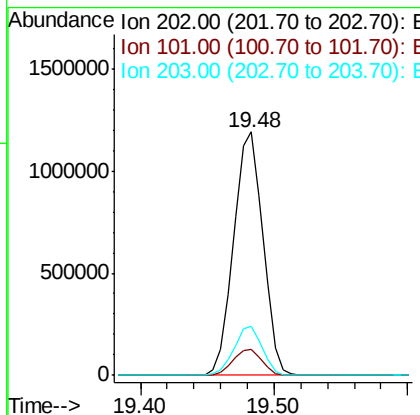
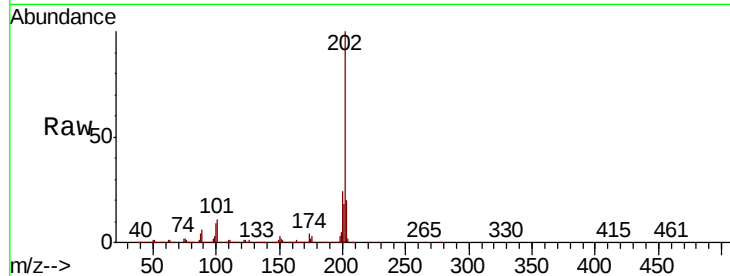
ClientSampleId :

PB127447BS

Tot Ion:	202	Resp:	1815091
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	31.3
203	20.2	0.4	40.4

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#76

Chrysene-d12

Concen: 20.000 ng

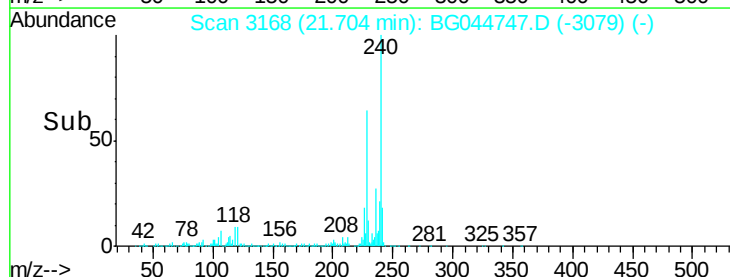
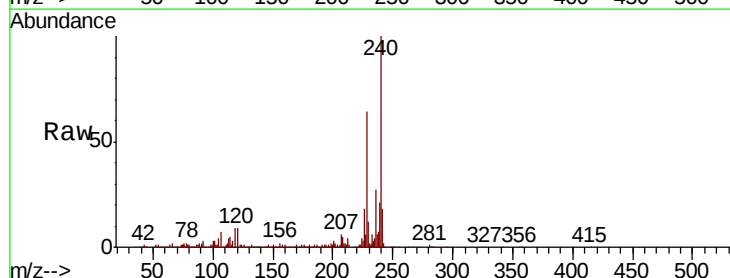
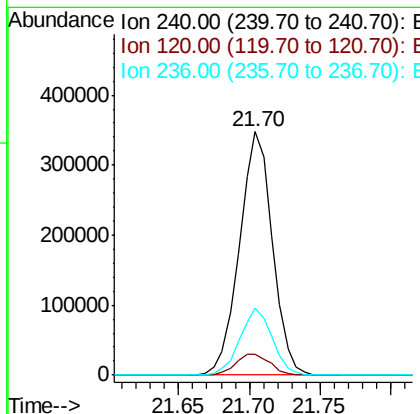
RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:	240	Resp:	566829
Ion Ratio	Lower	Upper	
240	100		
120	8.7	6.9	10.3
236	27.3	21.9	32.9





#77

Benzidine

Concen: 69.852 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

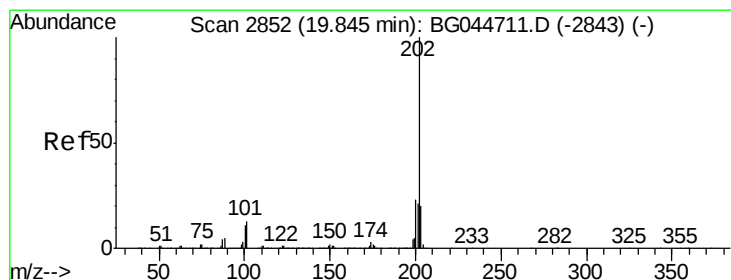
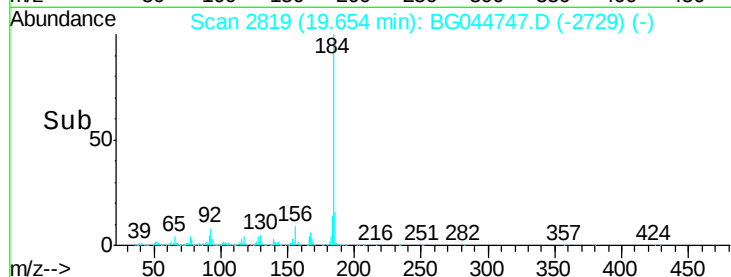
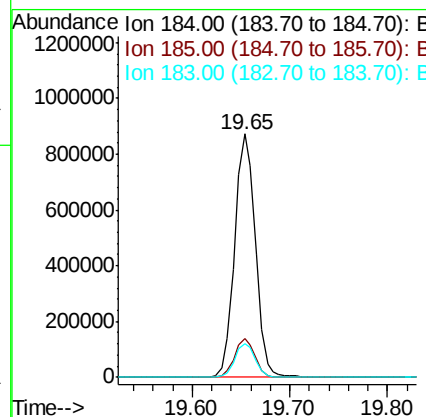
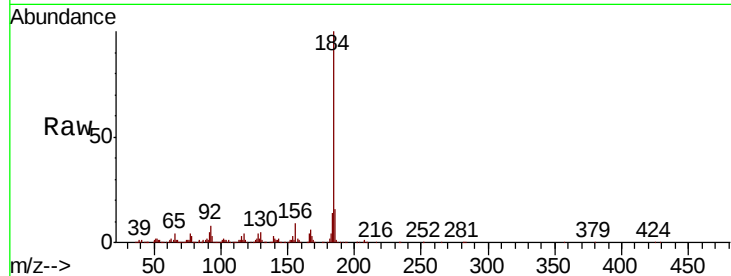
ClientSampled :

PB127447BS

Tot Ion:	184	Resp:	1285376
Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.9	19.3
183	13.9	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 43.252 ng

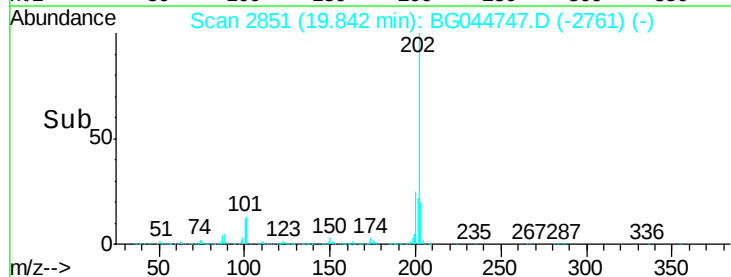
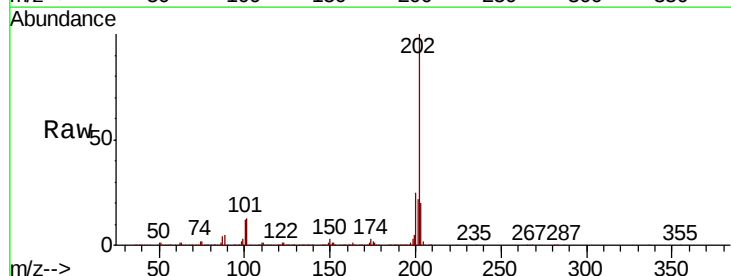
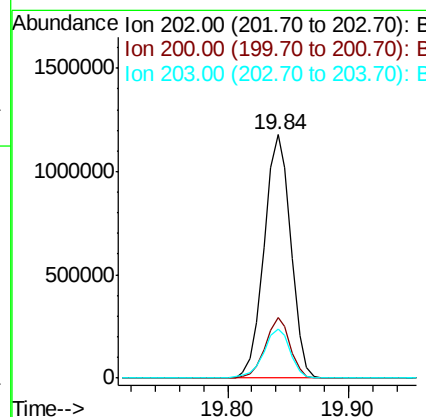
RT: 19.84 min Scan# 2851

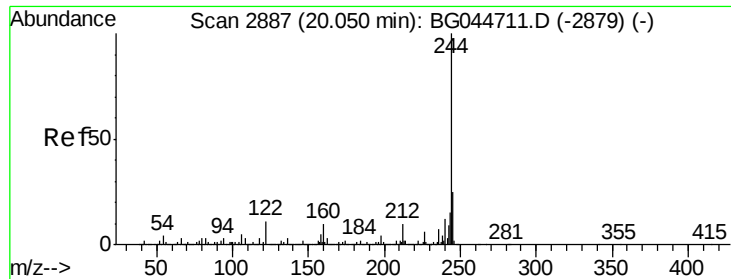
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:	202	Resp:	1798705
Ion	Ratio	Lower	Upper
202	100		
200	24.6	18.7	28.1
203	20.2	16.0	24.0





#79

Terphenyl-d14

Concen: 84.746 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

PB127447BS

Tot Ion:244 Resp: 2568038

Ion Ratio Lower Upper

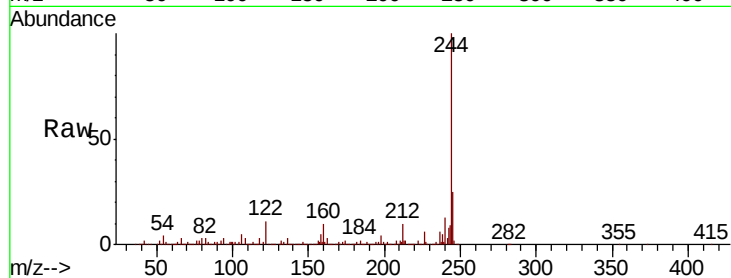
244 100

212 10.5 8.4 12.6

122 11.3 8.7 13.1

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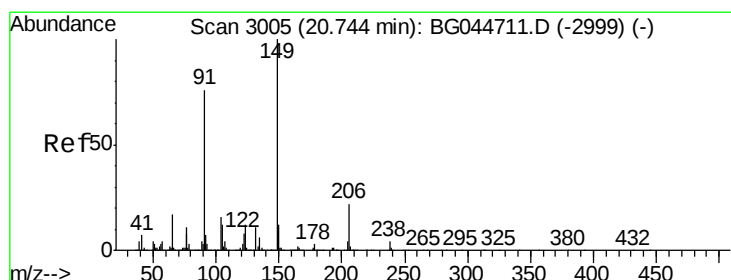
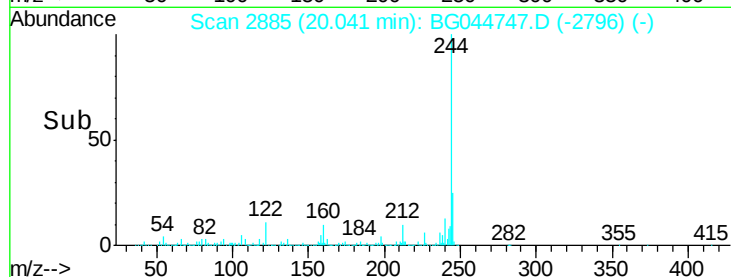
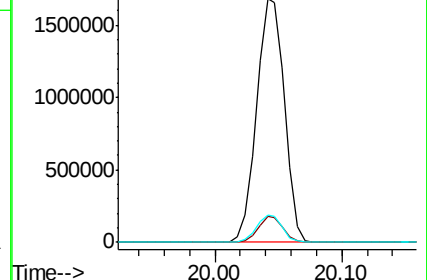
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.784 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

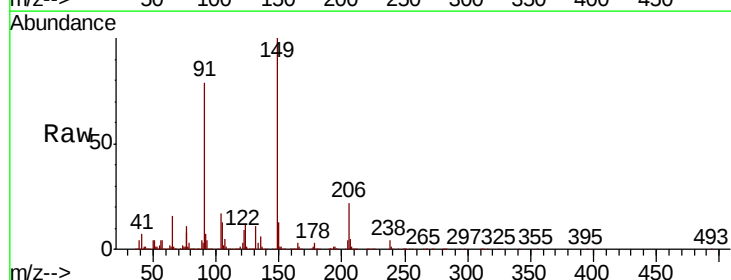
Tgt Ion:149 Resp: 791550

Ion Ratio Lower Upper

149 100

91 78.6 61.1 91.7

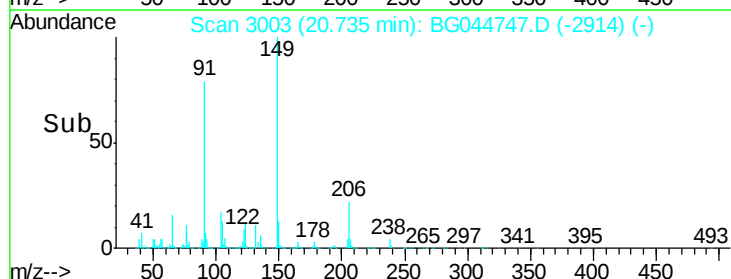
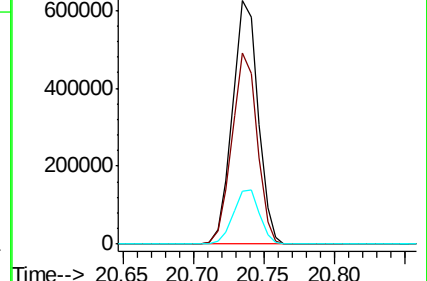
206 21.6 17.4 26.2

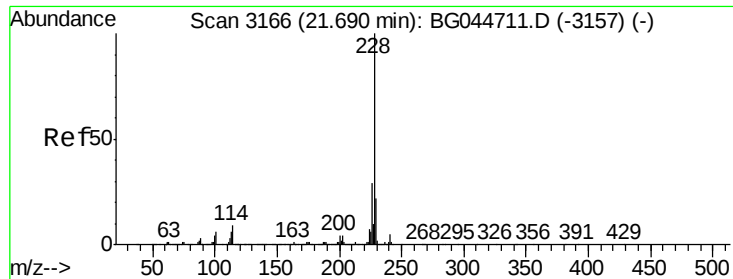


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.797 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

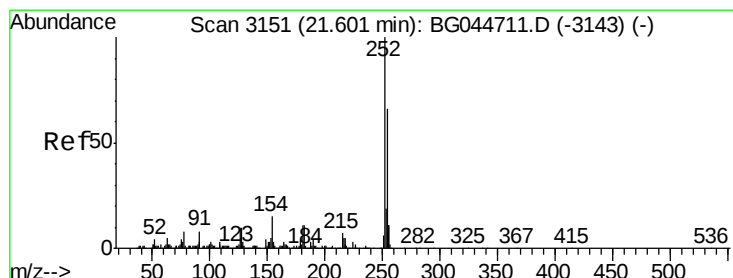
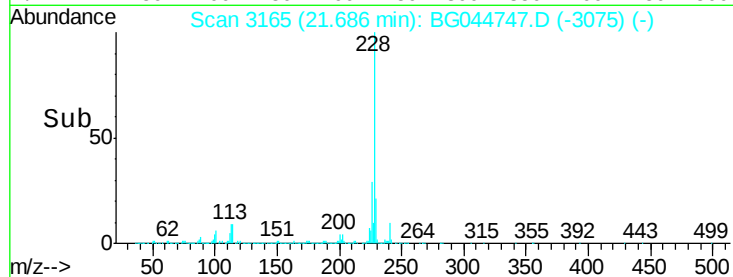
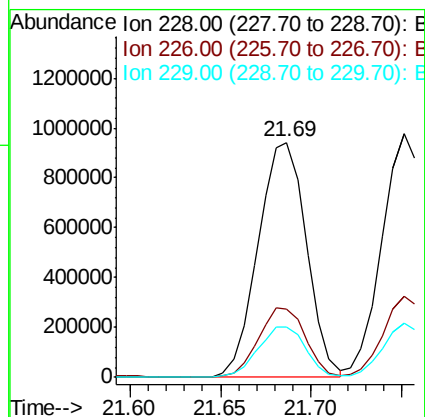
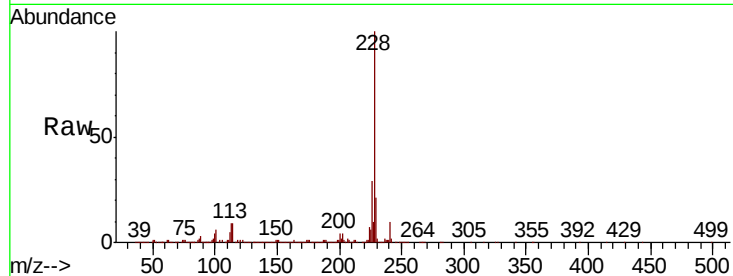
ClientSampleId :

PB127447BS

Tot Ion:	228	Resp:	1746791
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	21.5	17.2	25.8

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#82

3,3'-Dichlorobenzidine

Concen: 35.109 ng

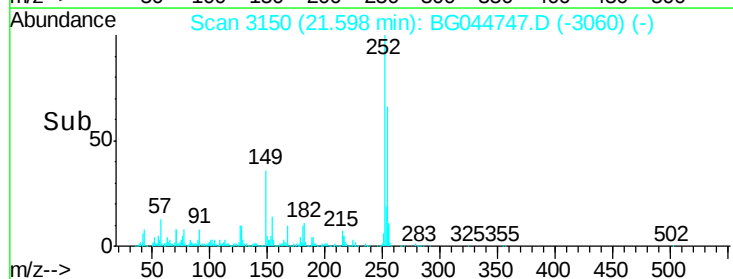
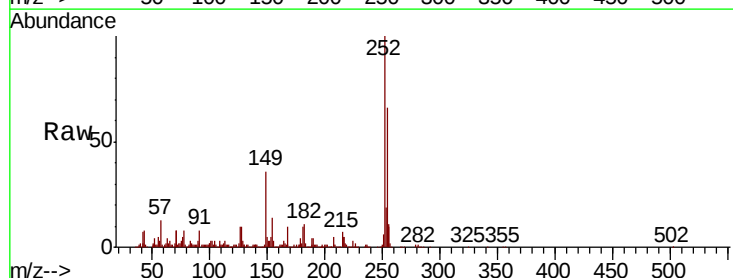
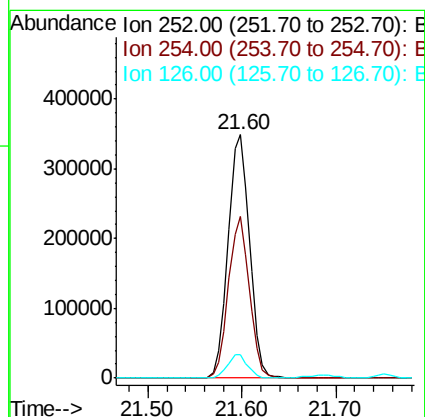
RT: 21.60 min Scan# 3150

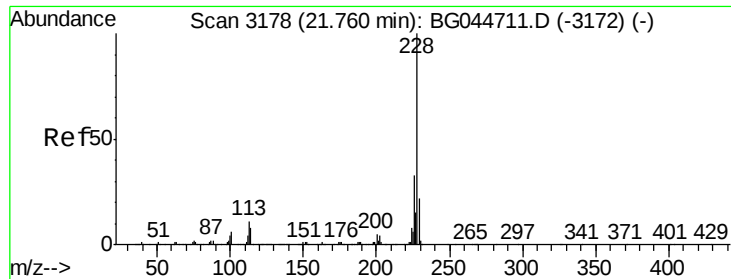
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:	252	Resp:	554374
Ion	Ratio	Lower	Upper
252	100		
254	66.3	53.0	79.4
126	9.7	8.2	12.4





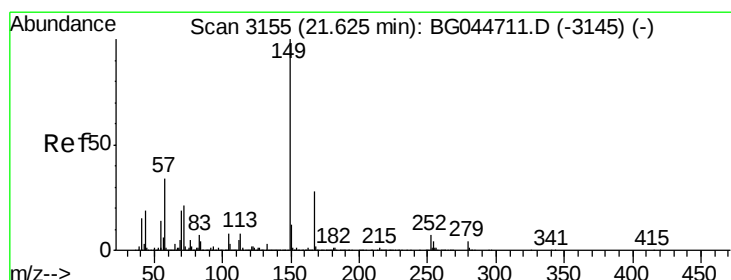
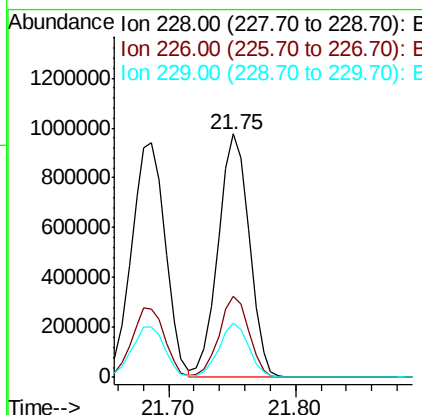
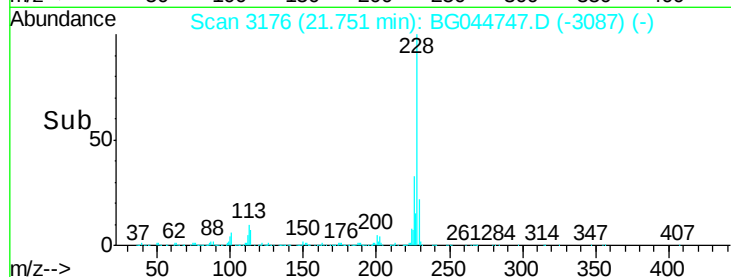
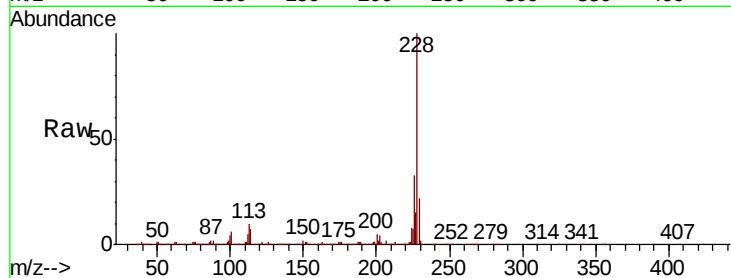
#83
Chrysene
Concen: 42.473 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion:228 Resp: 1655962
Ion Ratio Lower Upper
228 100
226 33.5 26.1 39.1
229 22.1 17.4 26.0

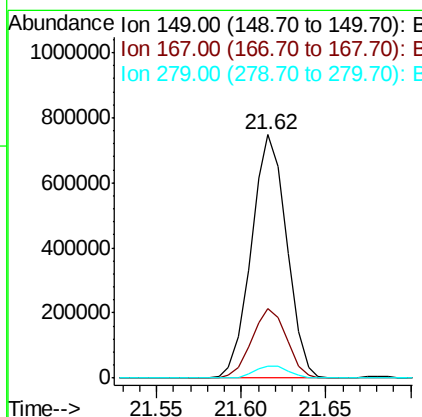
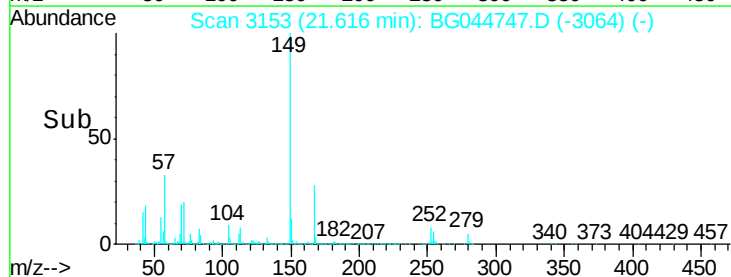
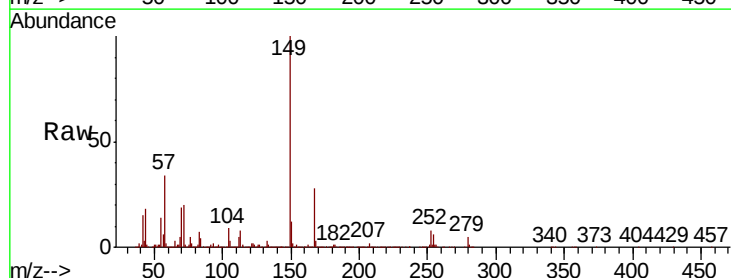
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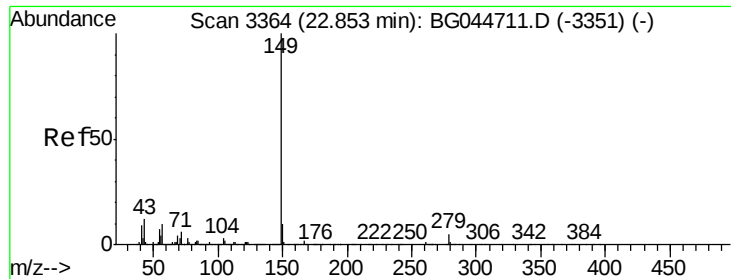
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.583 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:149 Resp: 1087296
Ion Ratio Lower Upper
149 100
167 28.5 22.6 33.8
279 4.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 43.758 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampled :

PB127447BS

Tot Ion:149 Resp: 1869699

Ion Ratio Lower Upper

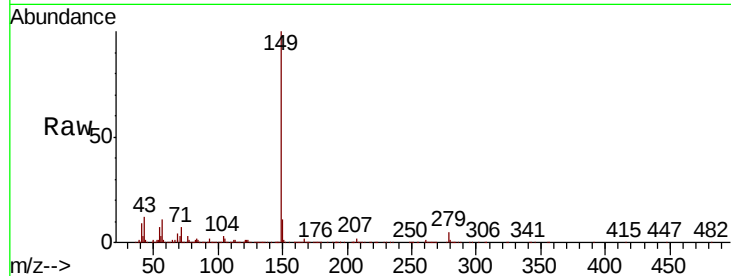
149 100

167 1.7 1.4 2.0

43 11.1 9.0 13.6

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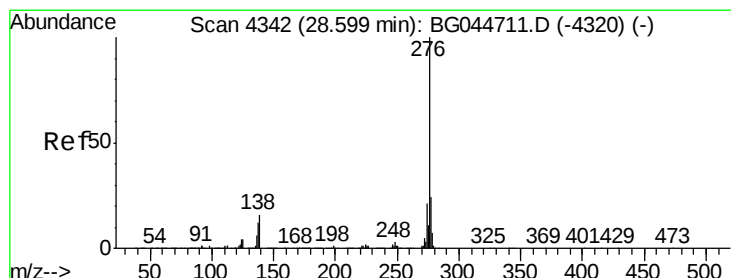
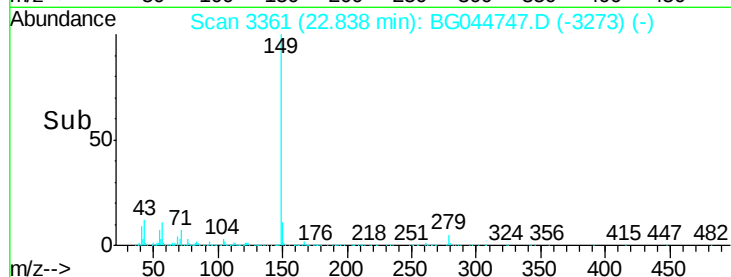
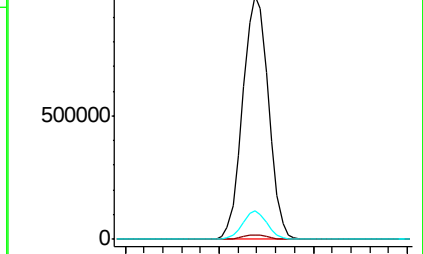
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.189 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

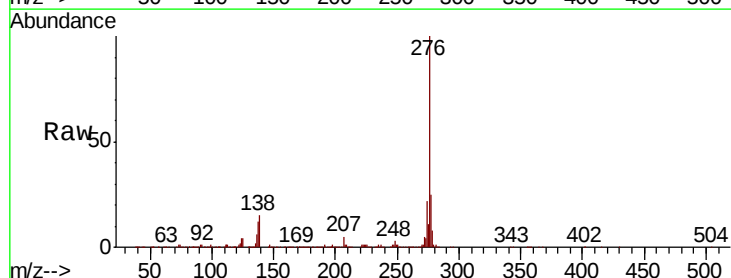
Tgt Ion:276 Resp: 2207568

Ion Ratio Lower Upper

276 100

138 13.1 10.9 16.3

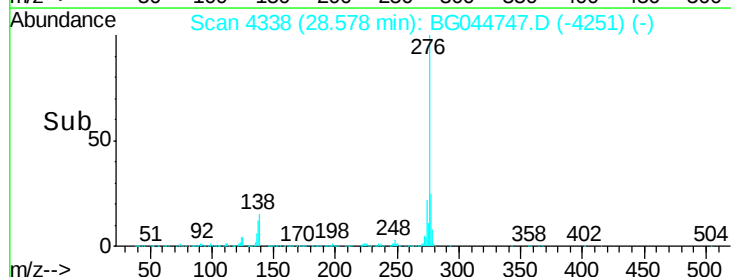
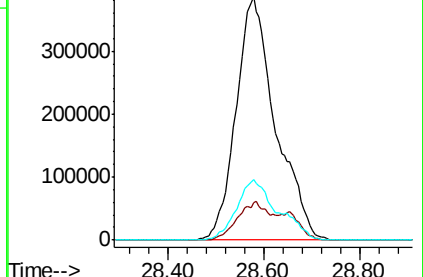
277 25.9 20.8 31.2

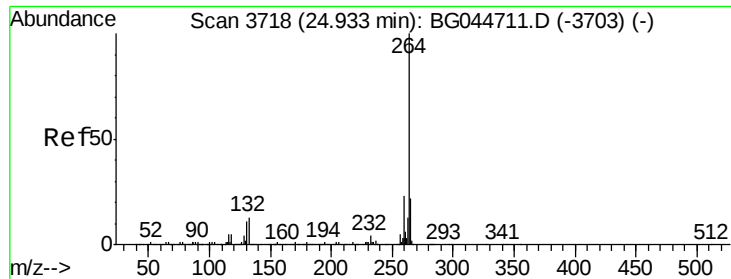


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





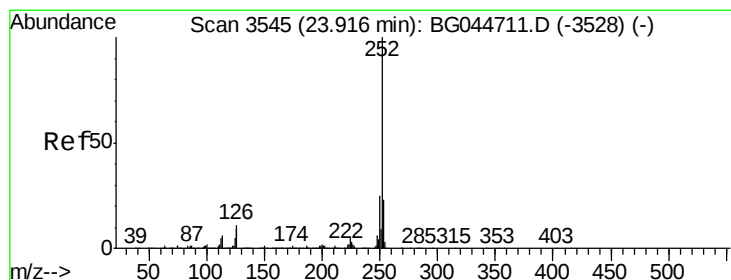
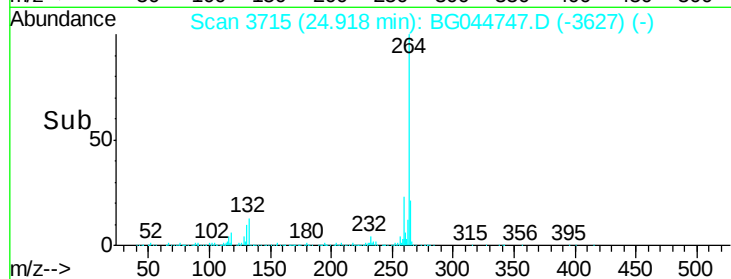
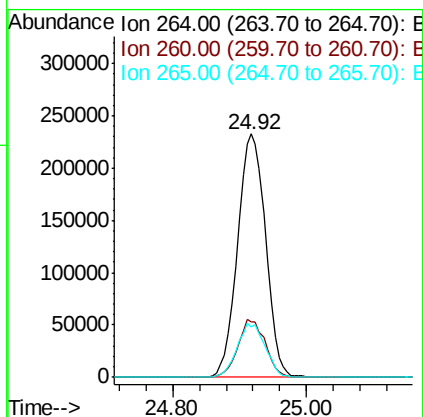
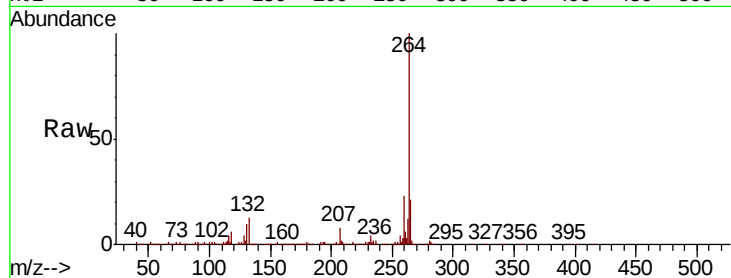
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	20.9	17.4	26.2

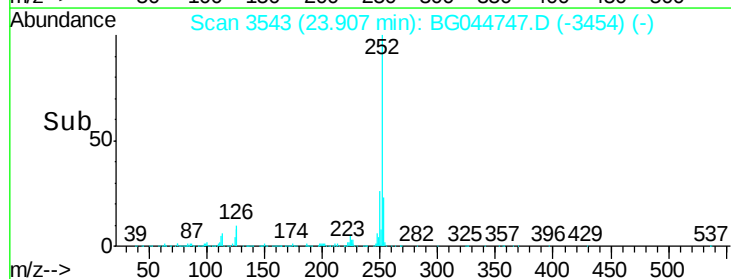
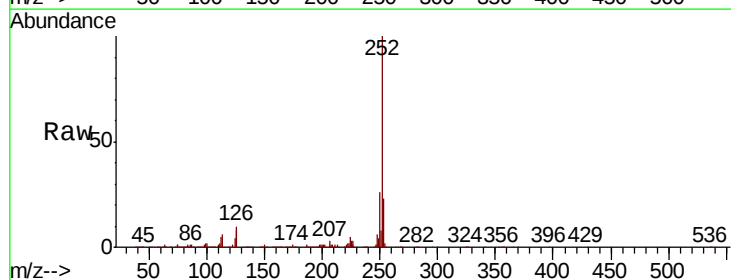
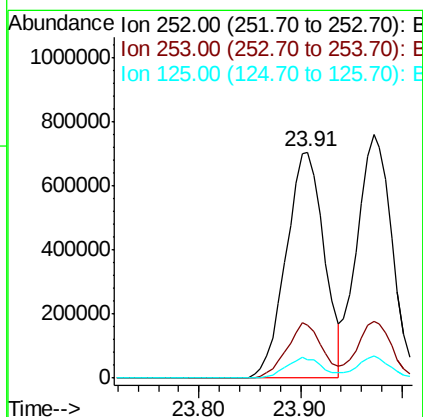
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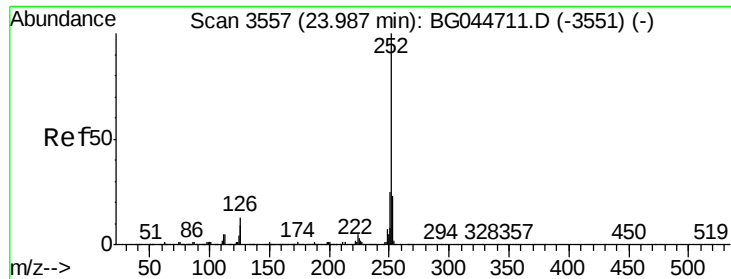
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#88
Benzo(b)fluoranthene
Concen: 41.514 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	8.2	7.2	10.8





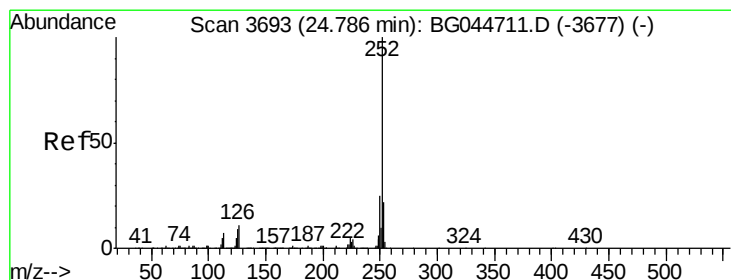
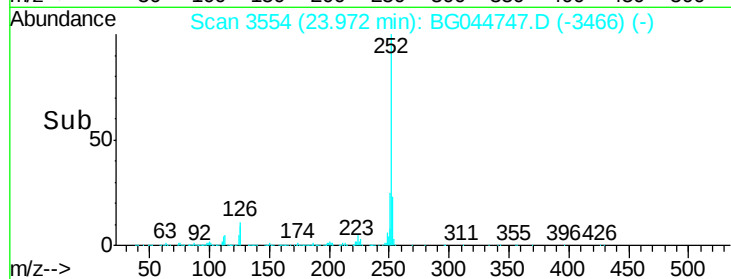
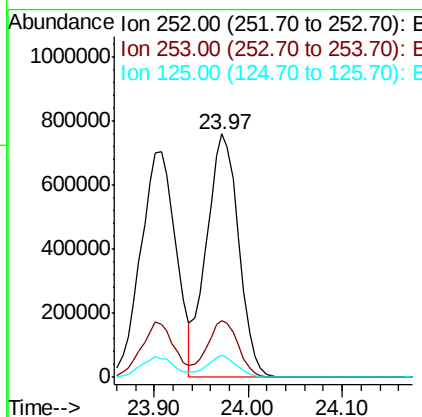
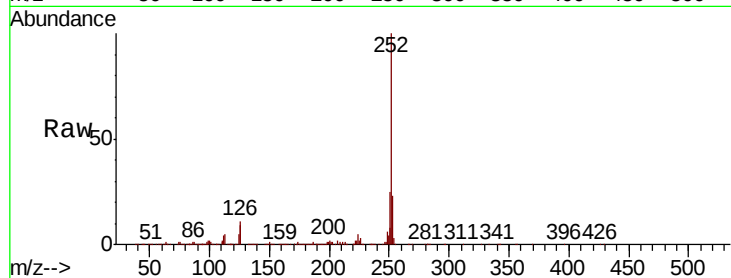
#89
Benzo(k)fluoranthene
Concen: 43.078 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	9.0	7.0	10.4

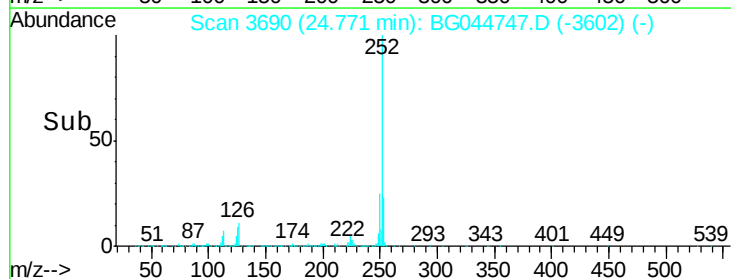
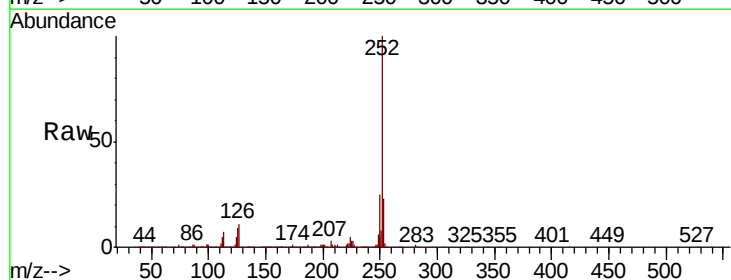
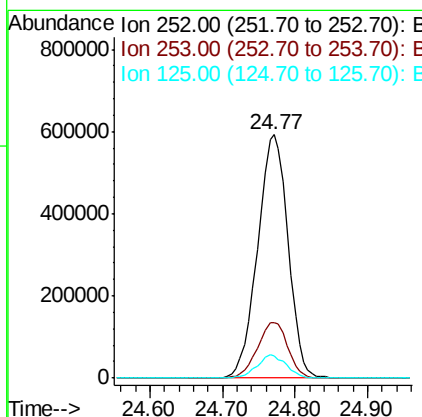
Manual Integrations
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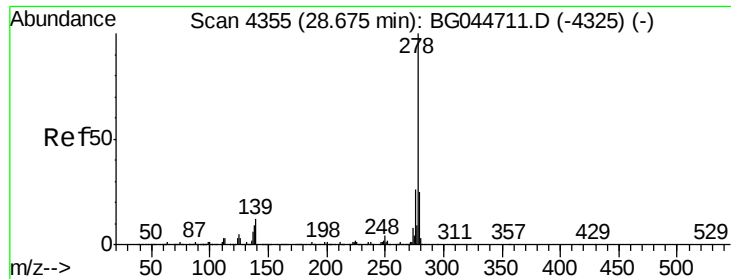
mohammad
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#90
Benzo(a)pyrene
Concen: 41.592 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	9.0	7.0	10.6





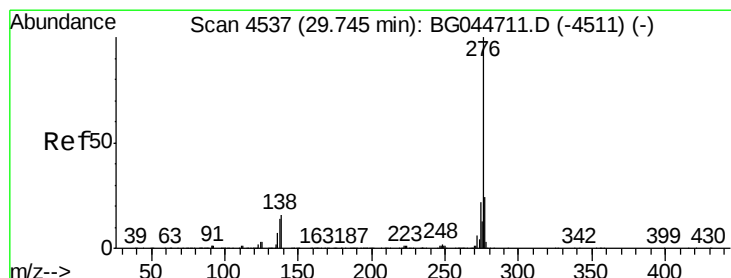
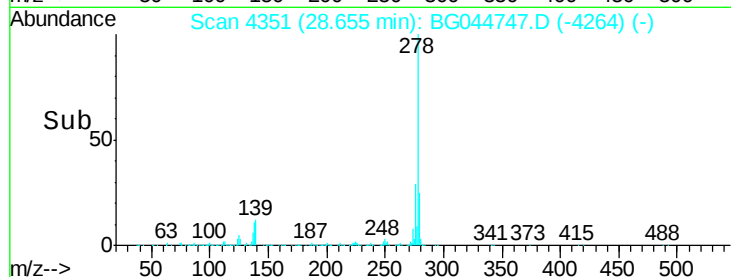
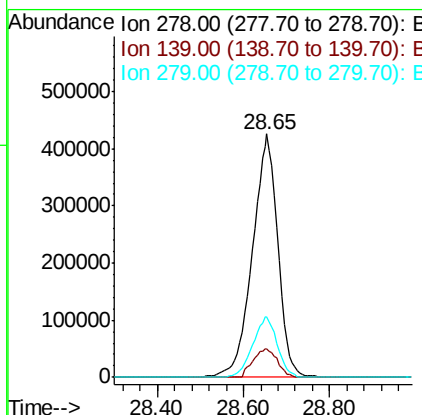
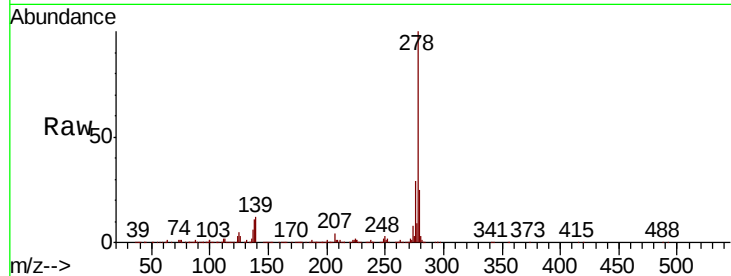
#91
Dibenzo(a,h)anthracene
Concen: 43.710 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.02 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :
PB127447BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.9	14.9
279	24.6	20.2	30.4

Manual Integrations
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3/16/2020 1:48:30 PM



#92
Benzo(g,h,i)perylene
Concen: 44.184 ng
RT: 29.72 min Scan# 4532
Delta R.T. -0.03 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	15.7	13.0	19.4

