

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044736.D
 Acq On : 12 Mar 2020 15:32
 Operator : CG/JU
 Sample : PB127474BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127474BS

Manual Integrations
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 3/16/2020 1:48:18 PM

Quant Time: Mar 13 07:09:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	100962	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	427519	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	290245	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	672114	20.00	ng	0.00
76) Chrysene-d12	21.71	240	583107	20.00	ng	0.00
87) Perylene-d12	24.92	264	558452	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	865256	133.41	ng	0.00
7) Phenol-d6	7.21	99	1216509	129.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	689947	70.82	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	465578	122.51	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1432555	70.68	ng	0.00
79) Terphenyl-d14	20.05	244	2180042	69.93	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	121075	38.766	ng	95
3) Pyridine	3.91	79	298366	32.270	ng	99
4) n-Nitrosodimethylamine	3.82	42	156893	44.724	ng	93
6) Aniline	7.37	93	385893	32.910	ng	97
8) 2-Chlorophenol	7.62	128	313102	48.360	ng	97
9) Benzaldehyde	7.18	77	140120	21.037	ng	98
10) Phenol	7.24	94	451910	48.440	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	324460	43.578	ng	97
12) 1,3-Dichlorobenzene	7.95	146	328096	41.138	ng	97
13) 1,4-Dichlorobenzene	8.09	146	329364	41.772	ng	100
14) 1,2-Dichlorobenzene	8.41	146	314679	42.081	ng	92
15) Benzyl Alcohol	8.29	79	351968	46.553	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	536088	40.800	ng	99
17) 2-Methylphenol	8.49	107	302909	47.933	ng	94
18) Hexachloroethane	9.15	117	125096	40.299	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	276542	41.561	ng	# 96
20) 3+4-Methylphenols	8.82	107	419819	48.192	ng	98
22) Acetophenone	8.88	105	490128	40.468	ng	# 98
24) Nitrobenzene	9.25	77	425459	42.087	ng	98
25) Isophorone	9.78	82	789275	41.509	ng	96
26) 2-Nitrophenol	9.97	139	163516	46.754	ng	97
27) 2,4-Dimethylphenol	10.03	122	312768	50.510	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	446990	39.391	ng	98
29) 2,4-Dichlorophenol	10.50	162	325466	45.000	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	343529	39.723	ng	98
31) Naphthalene	10.92	128	975629	41.196	ng	98
32) Benzoic acid	10.16	122	210715	44.552	ng	98
33) 4-Chloroaniline	11.01	127	219435	20.566	ng	97
34) Hexachlorobutadiene	11.21	225	222439	39.113	ng	95
35) Caprolactam	11.78	113	123633m	45.148	ng	
36) 4-Chloro-3-methylphenol	12.13	107	385542	44.696	ng	95
37) 2-Methylnaphthalene	12.52	142	740483	41.799	ng	98
38) 1-Methylnaphthalene	12.74	142	695735	41.774	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	369860	38.694	ng	97

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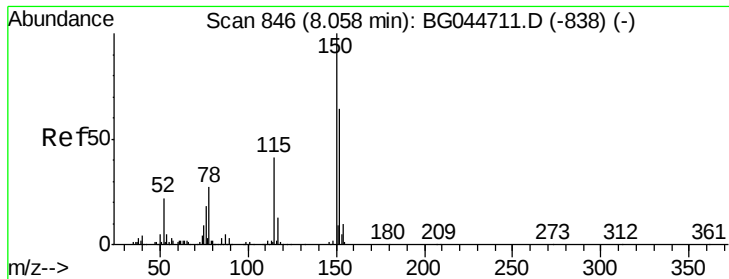
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Quant Time: Mar 13 07:09:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	430899	82.487	ng	99
43) 2,4,6-Trichlorophenol	13.12	196	276325	43.560	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	292151	44.408	ng	98
46) 1,1'-Biphenyl	13.52	154	920844	39.702	ng	98
47) 2-Chloronaphthalene	13.57	162	708480	39.986	ng	99
48) 2-Nitroaniline	13.75	65	273775	44.135	ng	98
49) Acenaphthylene	14.41	152	1167674	42.066	ng	99
50) Dimethylphthalate	14.14	163	944114	40.841	ng	99
51) 2,6-Dinitrotoluene	14.25	165	211307	45.349	ng	98
52) Acenaphthene	14.75	154	842024	46.318	ng	99
53) 3-Nitroaniline	14.58	138	160981	30.050	ng	95
54) 2,4-Dinitrophenol	14.78	184	225056	91.137	ng	# 69
55) Dibenzofuran	15.09	168	1115159	42.301	ng	100
56) 4-Nitrophenol	14.88	139	392547	96.013	ng	99
57) 2,4-Dinitrotoluene	15.04	165	293820	45.977	ng	95
58) Fluorene	15.73	166	906577	41.805	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	276210m	45.603	ng	
60) Diethylphthalate	15.51	149	994673	41.255	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	485981	41.619	ng	98
62) 4-Nitroaniline	15.74	138	217832	38.133	ng	98
63) Azobenzene	16.02	77	1050362	41.951	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	156239	49.173	ng	94
66) n-Nitrosodiphenylamine	15.94	169	834686	41.249	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	335250	39.899	ng	93
68) Hexachlorobenzene	16.74	284	351288	38.537	ng	94
69) Atrazine	16.89	200	343835	46.378	ng	98
70) Pentachlorophenol	17.08	266	452766	90.272	ng	98
71) Phenanthrene	17.48	178	1465560	40.804	ng	100
72) Anthracene	17.57	178	1494942	42.211	ng	99
73) Carbazole	17.83	167	1395436	41.019	ng	99
74) Di-n-butylphthalate	18.41	149	1672259	40.437	ng	99
75) Fluoranthene	19.48	202	1784090	41.719	ng	99
77) Benzidine	19.65	184	480296	25.372	ng	98
78) Pyrene	19.84	202	1783072	41.679	ng	100
80) Butylbenzylphthalate	20.74	149	768655	40.387	ng	97
81) Benzo(a)anthracene	21.68	228	1702124	40.538	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	553223	34.058	ng	97
83) Chrysene	21.76	228	1617704	40.334	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1064336	40.520	ng	99
85) Di-n-octyl phthalate	22.84	149	1826887	41.563	ng	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2149981	40.888	ng	99
88) Benzo(b)fluoranthene	23.91	252	1869470	50.708	ng	99
89) Benzo(k)fluoranthene	23.98	252	1725336	49.452	ng	98
90) Benzo(a)pyrene	24.77	252	1667636	48.341	ng	97
91) Dibenzo(a,h)anthracene	28.65	278	1771772	52.059	ng	96
92) Benzo(g,h,i)perylene	29.73	276	1802663	52.426	ng	99

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



#1

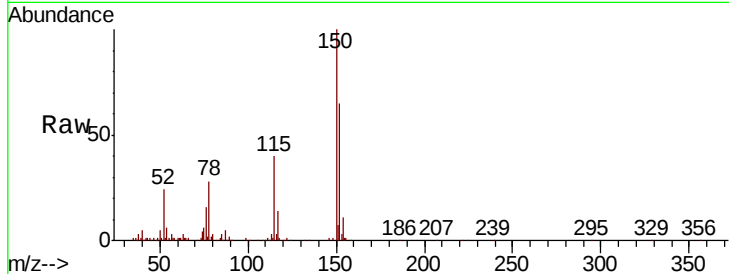
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.3	187.9
115	62.1	51.7	77.5

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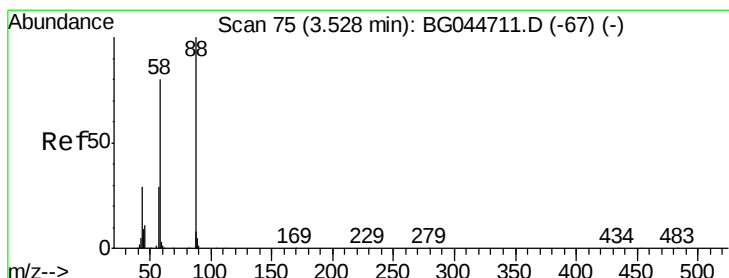
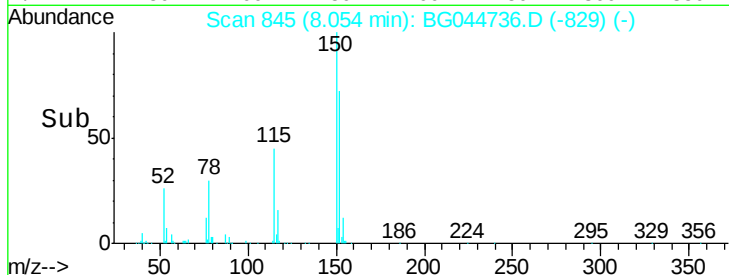
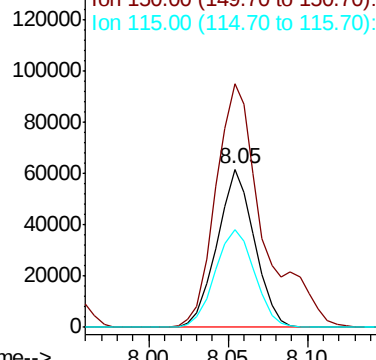


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

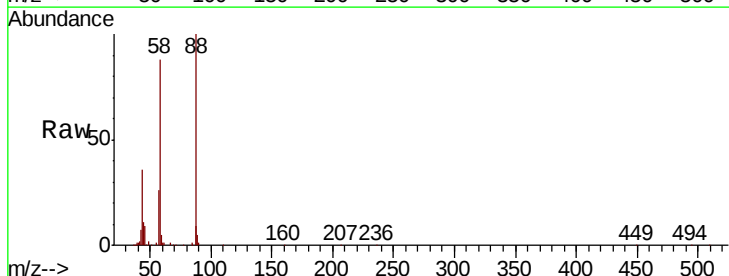
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.766 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	63.0	94.4
43	30.7	23.2	34.8

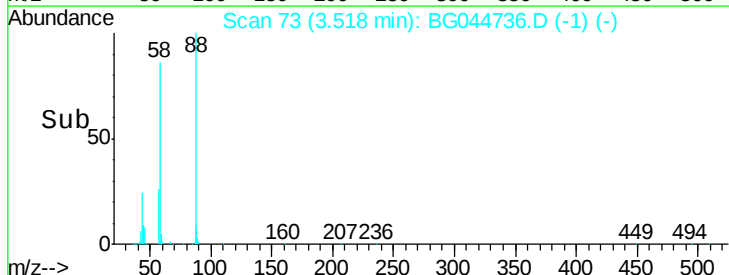
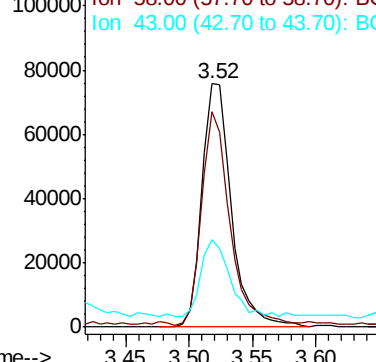


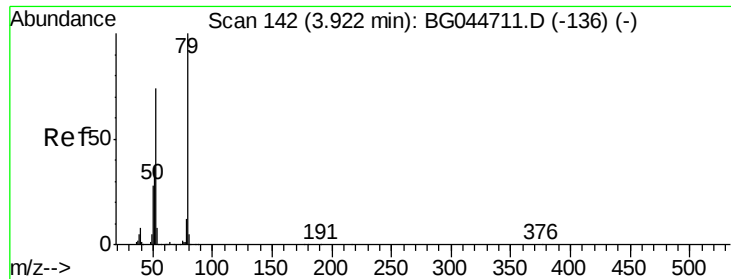
Abundance

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: 32.270 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

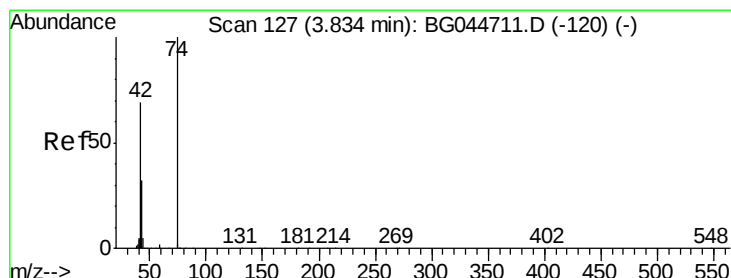
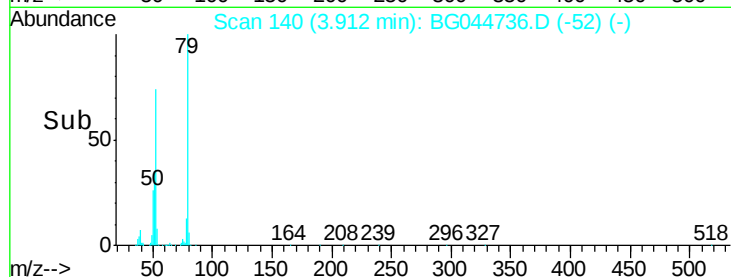
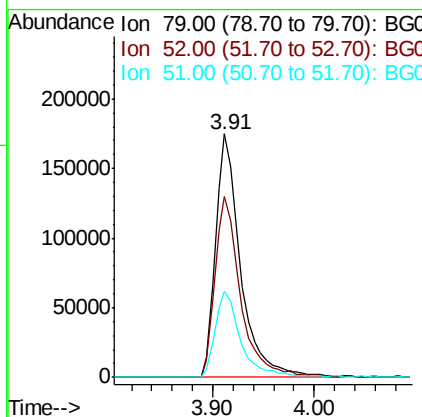
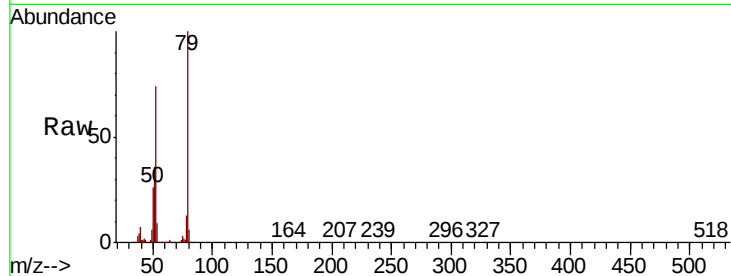
ClientSampleId :

PB127474BS

Tot Ion:	79	Resp:	298366
Ion Ratio	Lower	Upper	
79	100		
52	74.3	59.4	89.2
51	35.5	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 44.724 ng

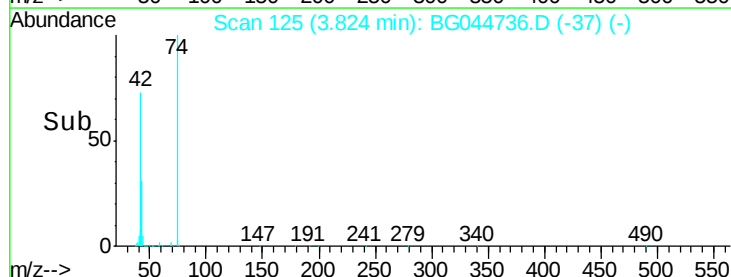
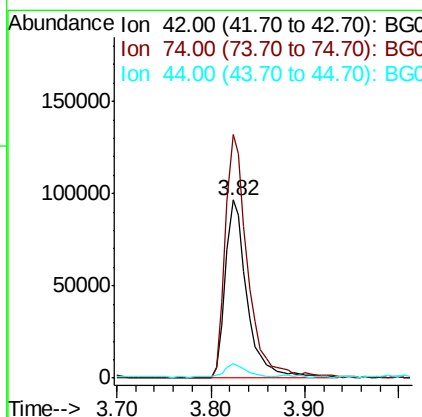
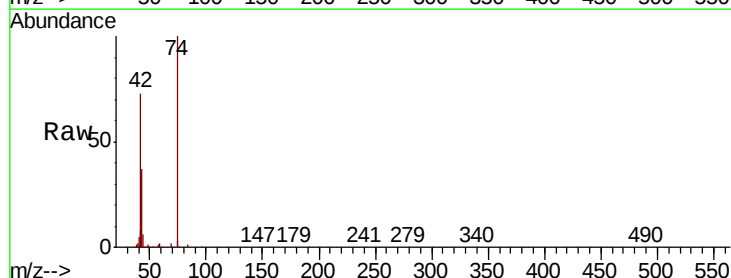
RT: 3.82 min Scan# 125

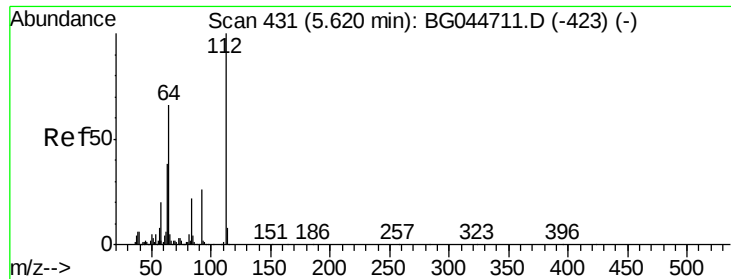
Delta R.T. -0.01 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:	42	Resp:	156893
Ion Ratio	Lower	Upper	
42	100		
74	136.6	116.1	174.1
44	7.8	7.1	10.7





#5

2-Fluorophenol

Concen: 133.410 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

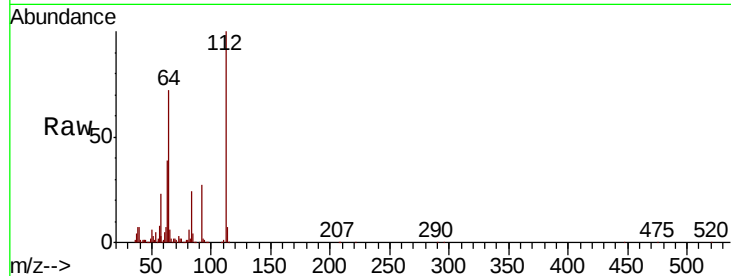
ClientSampleId :

PB127474BS

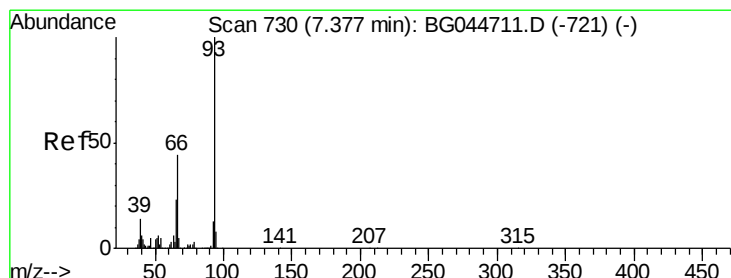
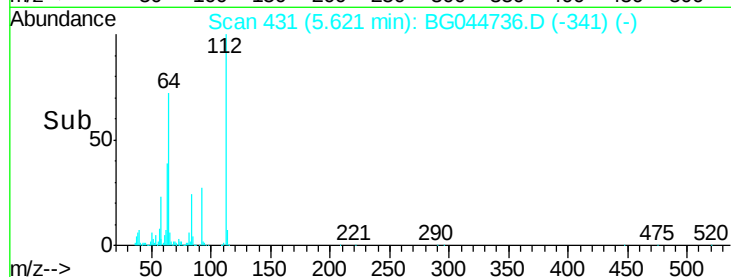
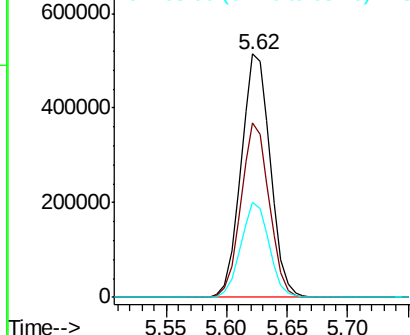
Tot Ion:	112	Resp:	865256
Ion Ratio	Lower	Upper	
112	100		
64	71.9	52.6	78.8
63	38.9	30.2	45.4

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.910 ng

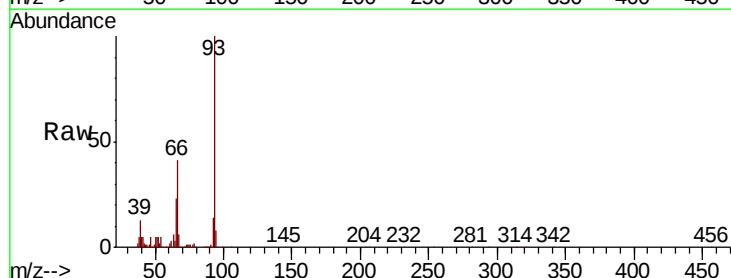
RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

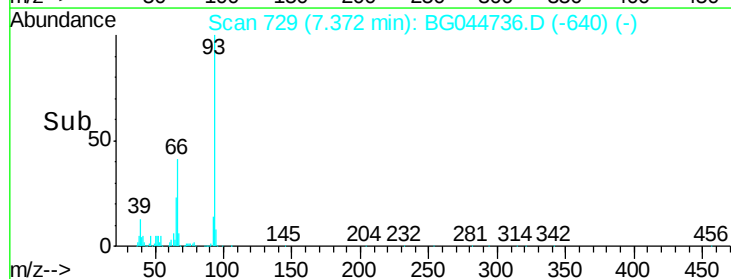
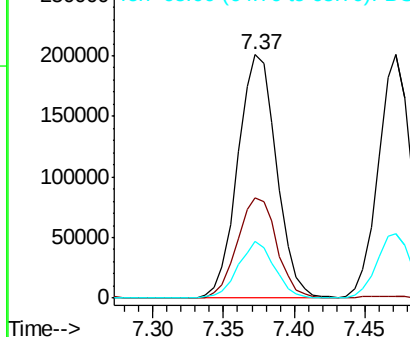
Lab File: BG044736.D

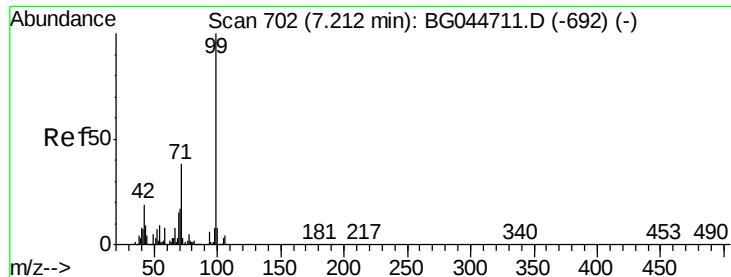
Acq: 12 Mar 2020 15:32

Tgt Ion:	93	Resp:	385893
Ion Ratio	Lower	Upper	
93	100		
66	41.4	35.3	52.9
65	23.4	18.2	27.4



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





#7

Phenol-d6

Concen: 129.097 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB127474BS

Tot Ion: 99 Resp: 1216509

Ion Ratio Lower Upper

99 100

42 19.0 15.4 23.0

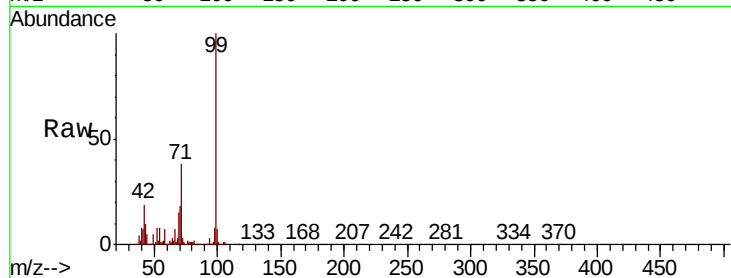
71 37.8 30.2 45.4

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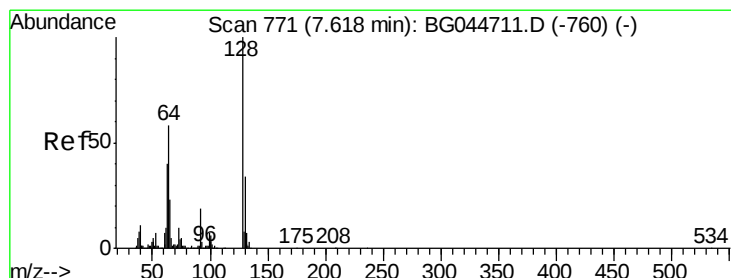
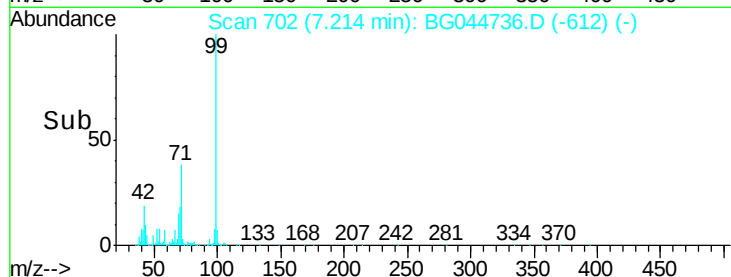
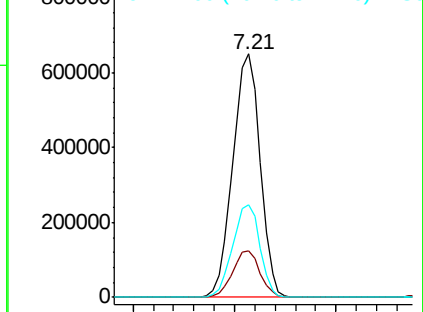


Abundance

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: 48.360 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

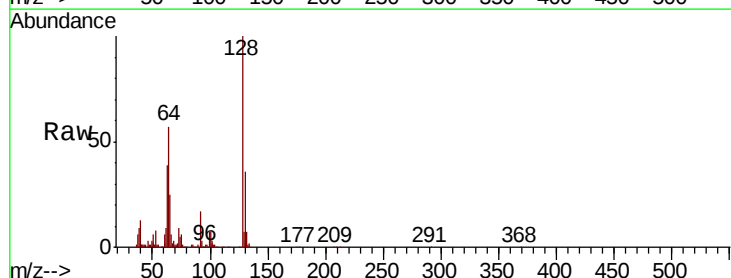
Tgt Ion: 128 Resp: 313102

Ion Ratio Lower Upper

128 100

130 36.2 13.6 53.6

64 57.4 38.6 78.6

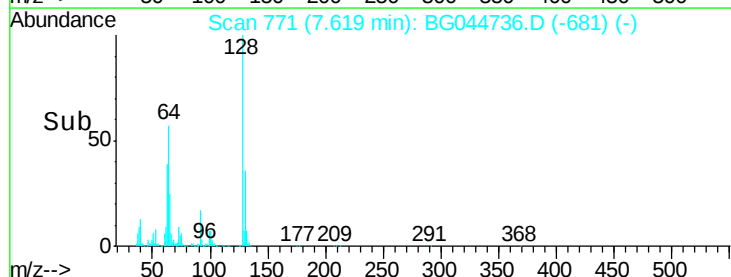
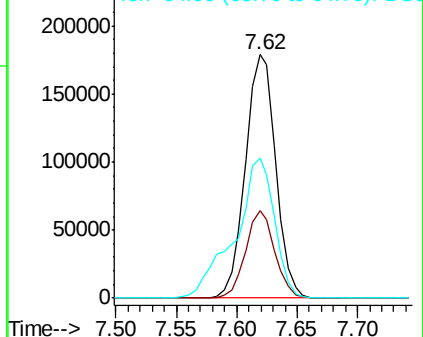


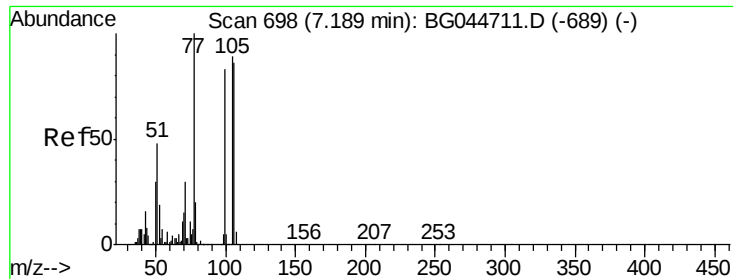
Abundance

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: 21.037 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

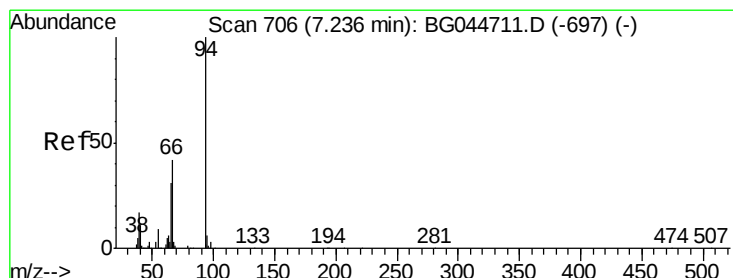
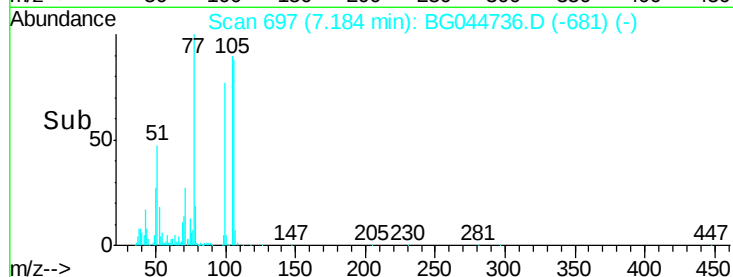
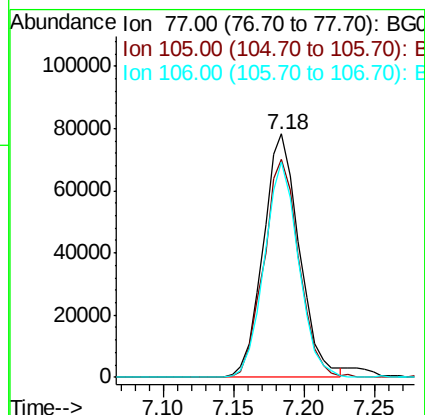
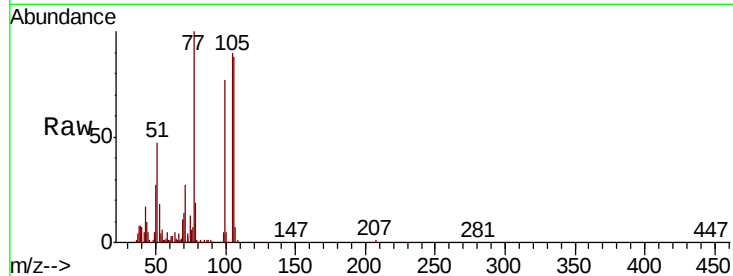
ClientSampleId :

PB127474BS

Tot Ion:	77	Resp:	140120
Ion Ratio	Lower	Upper	
77	100		
105	89.6	68.6	108.6
106	88.4	65.9	105.9

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#10

Phenol

Concen: 48.440 ng

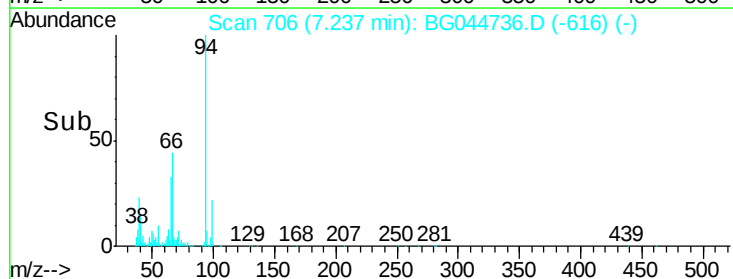
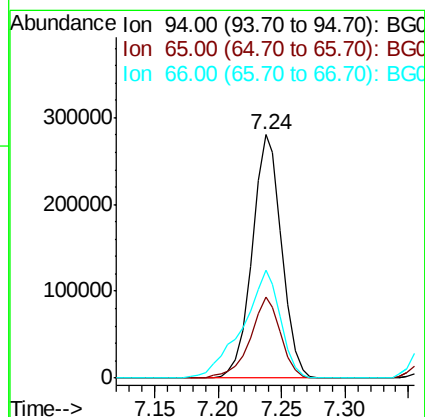
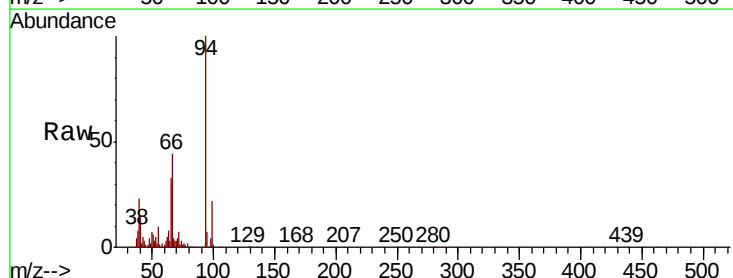
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:	94	Resp:	451910
Ion Ratio	Lower	Upper	
94	100		
65	33.5	11.3	51.3
66	44.4	22.9	62.9





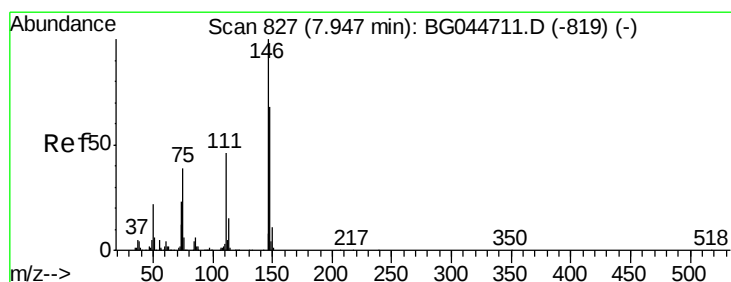
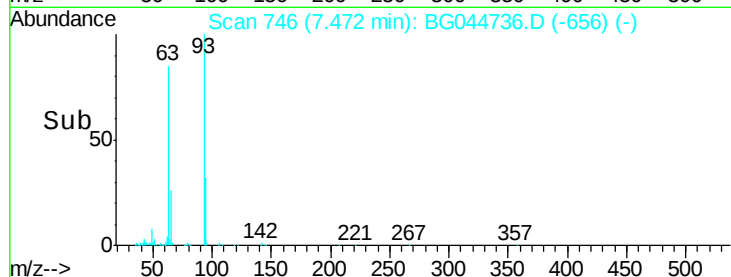
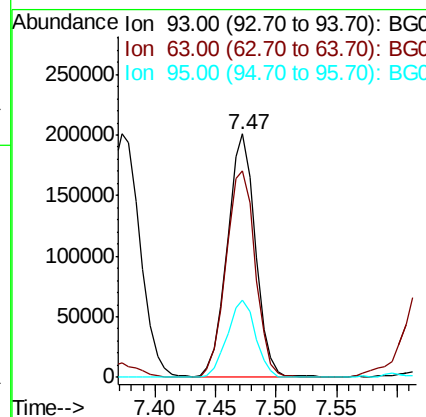
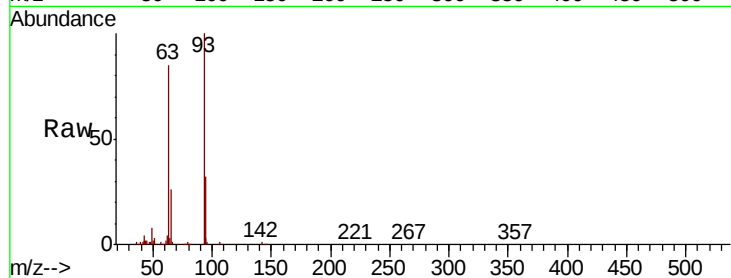
#11
bis(2-Chloroethyl)ether
Concen: 43.578 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.1	68.1	108.1
95	31.7	12.4	52.4

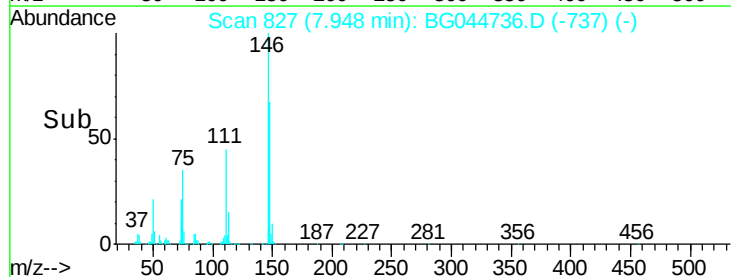
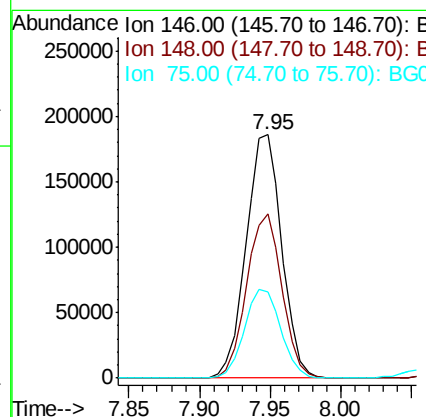
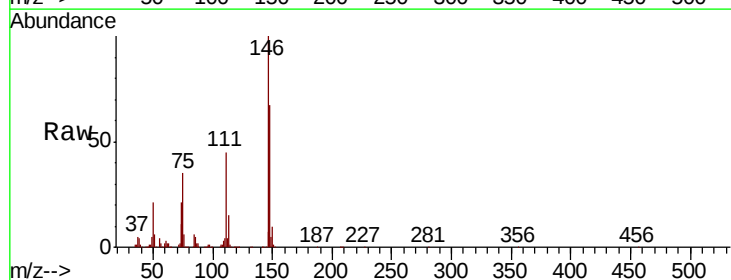
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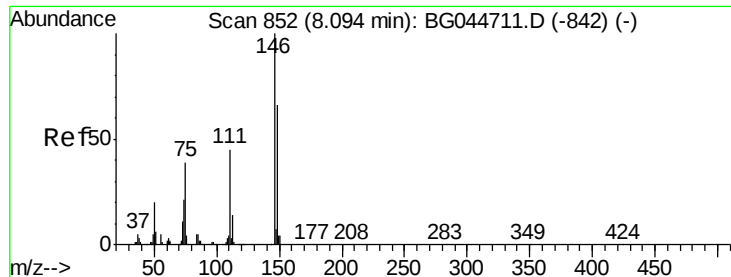
mohammad
3/16/2020 1:48:18 PM



#12
1,3-Dichlorobenzene
Concen: 41.138 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	54.2	81.2
75	35.4	31.3	46.9





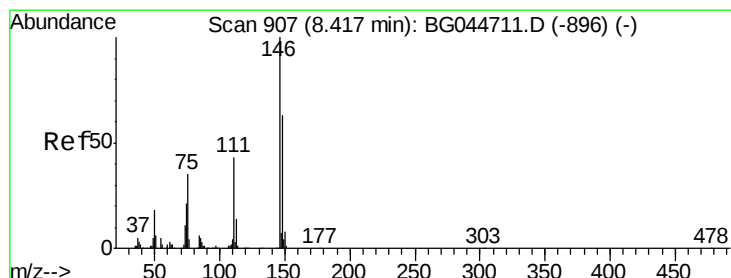
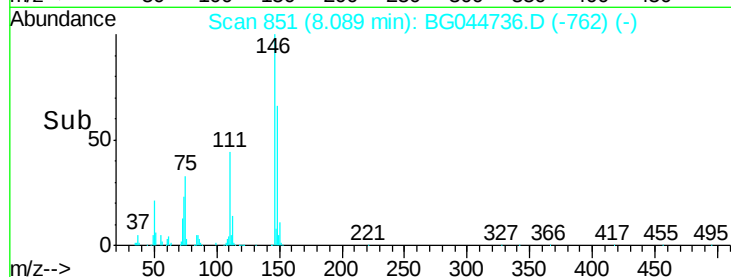
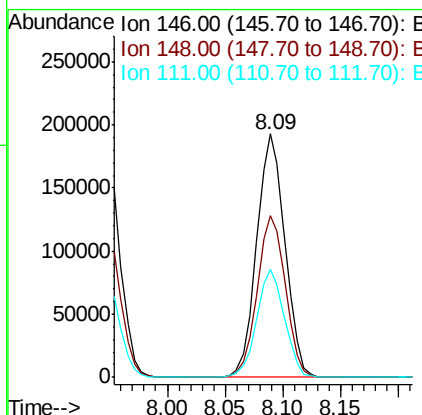
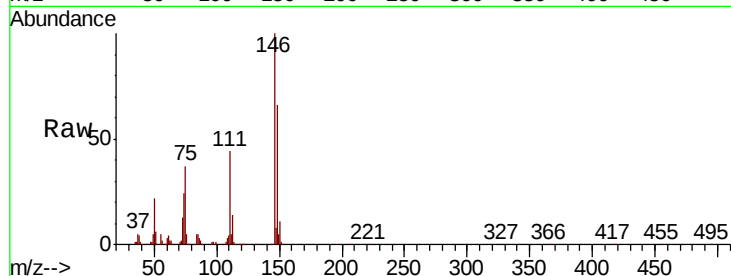
#13
 1,4-Dichlorobenzene
 Concen: 41.772 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044736.D
 Acq: 12 Mar 2020 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127474BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.9	79.3
111	44.1	35.6	53.4

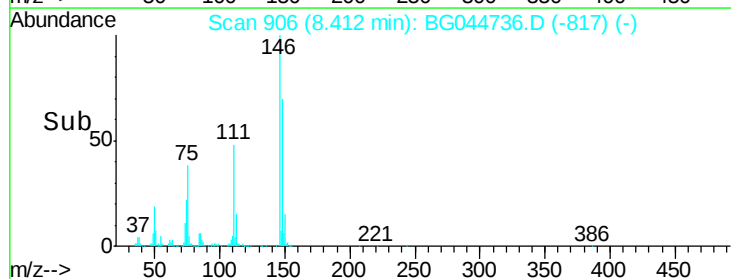
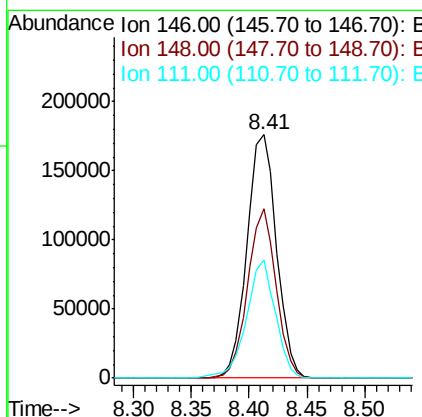
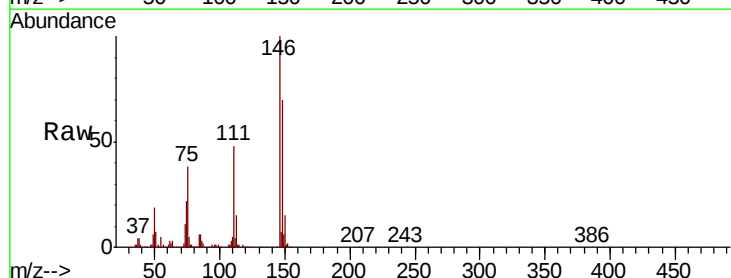
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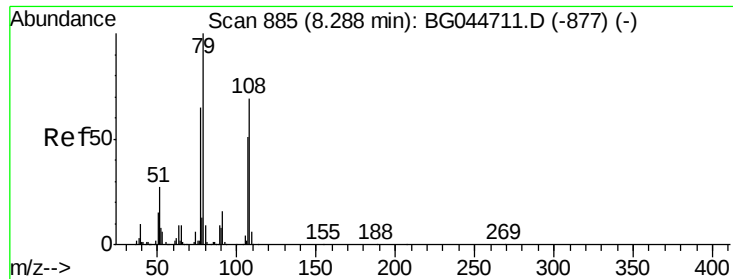
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#14
 1,2-Dichlorobenzene
 Concen: 42.081 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG044736.D
 Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	50.8	76.2
111	48.3	34.8	52.2





#15

Benzyl Alcohol

Concen: 46.553 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

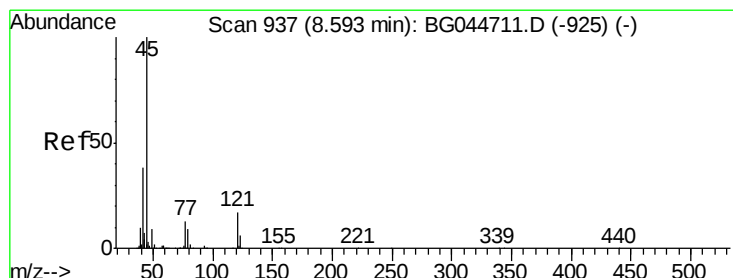
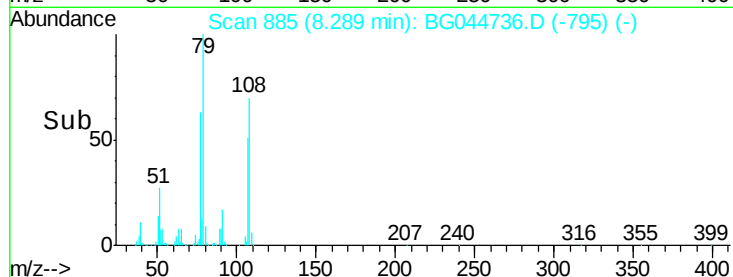
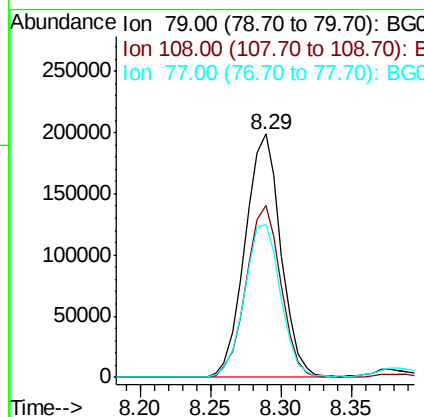
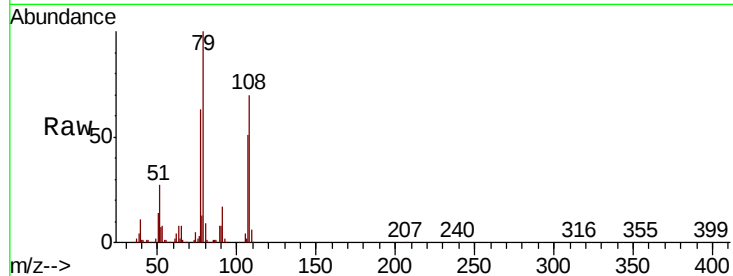
ClientSampleId :

PB127474BS

Tot Ion:	79	Resp:	351968
Ion Ratio	Lower	Upper	
79	100		
108	70.4	55.4	83.0
77	62.9	52.2	78.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.800 ng

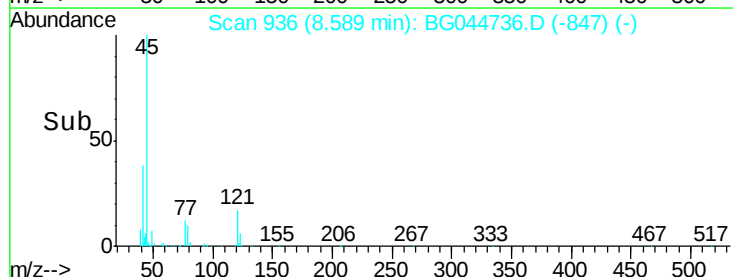
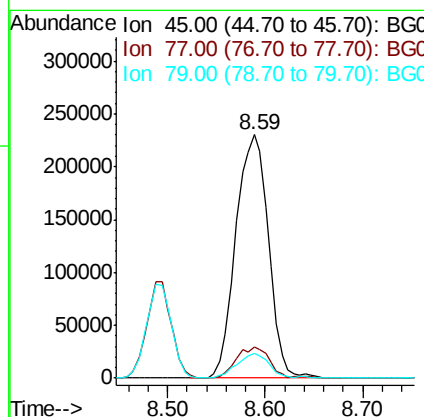
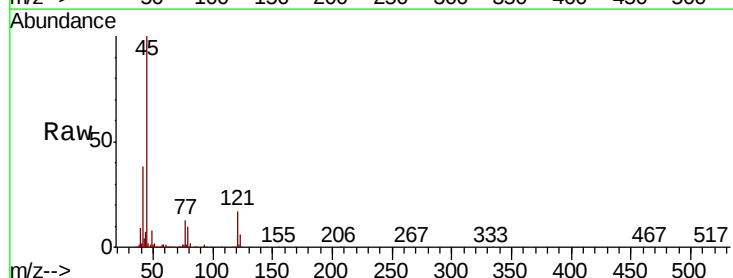
RT: 8.59 min Scan# 936

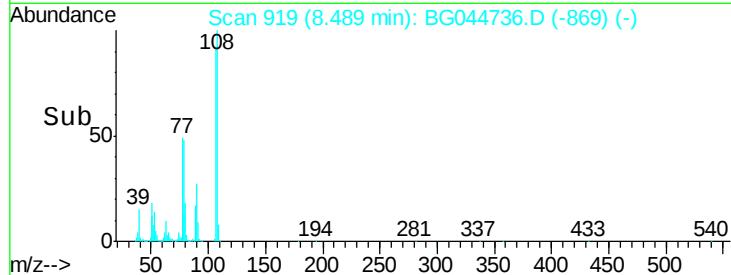
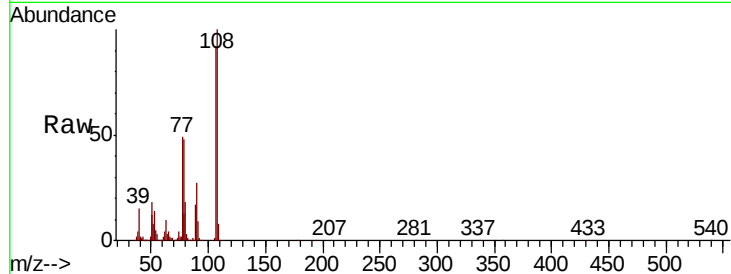
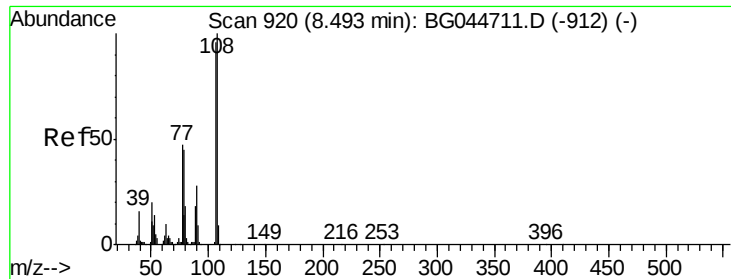
Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

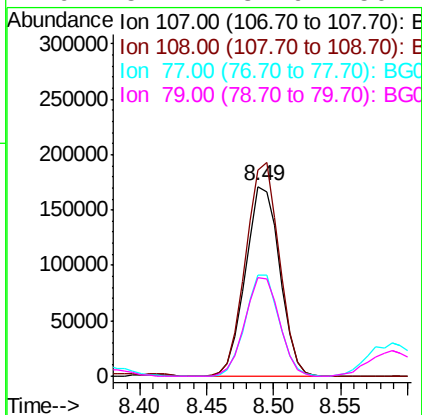
Tgt Ion:	45	Resp:	536088
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	33.4
79	10.1	0.0	30.0





#17
2-Methylphenol
Concen: 47.933 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

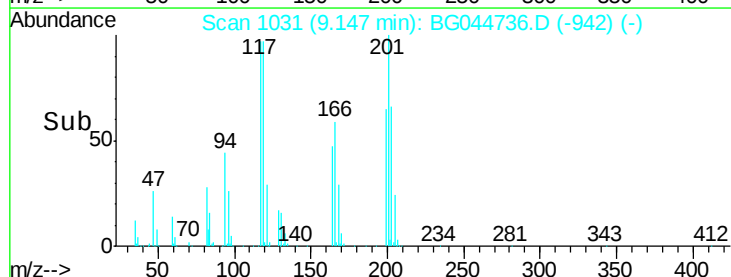
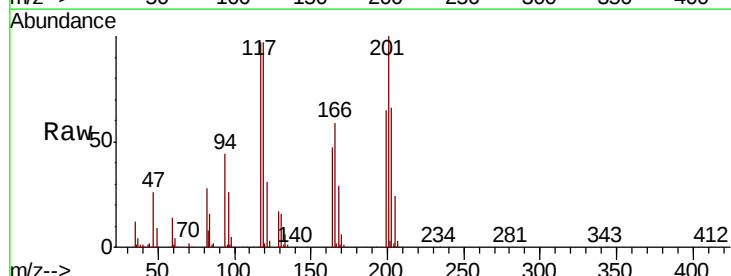
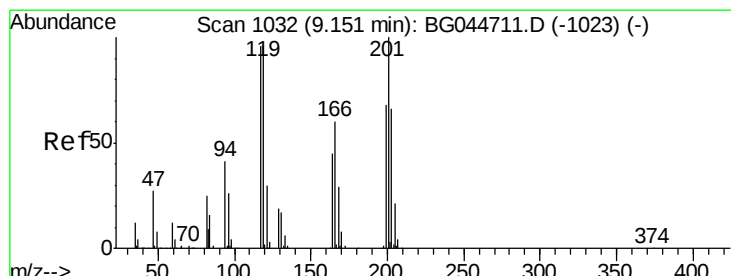
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	83.2	124.8	
77	53.4	39.0	58.6	
79	52.2	37.6	56.4	



Instrument :
BNA_G
ClientSampleId :
PB127474BS

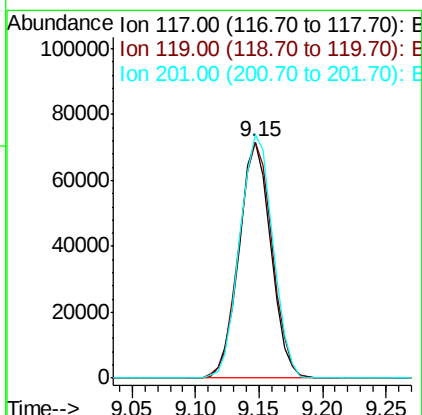
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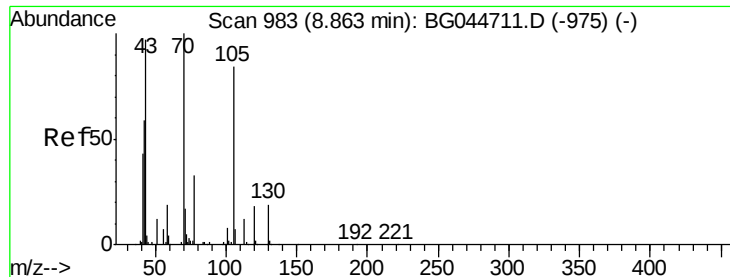
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#18
Hexachloroethane
Concen: 40.299 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.0	80.2	120.4	
201	103.1	83.4	125.2	





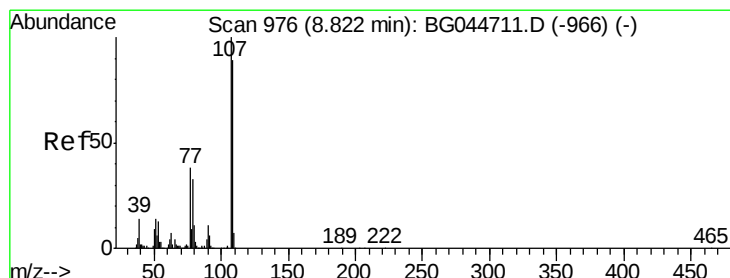
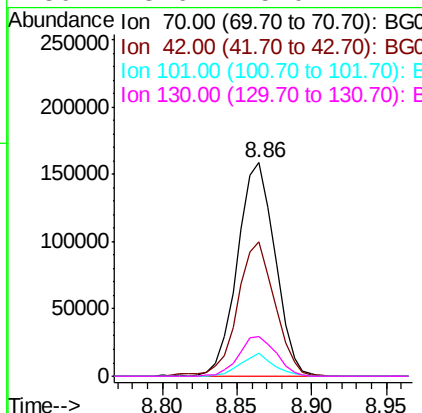
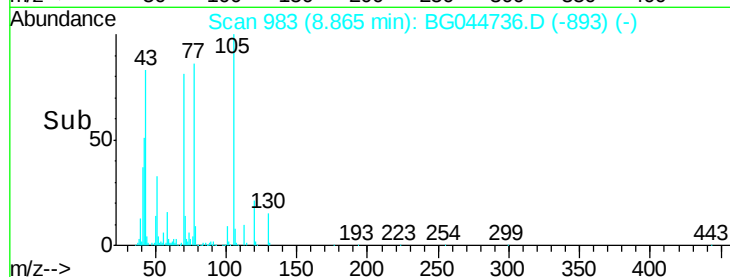
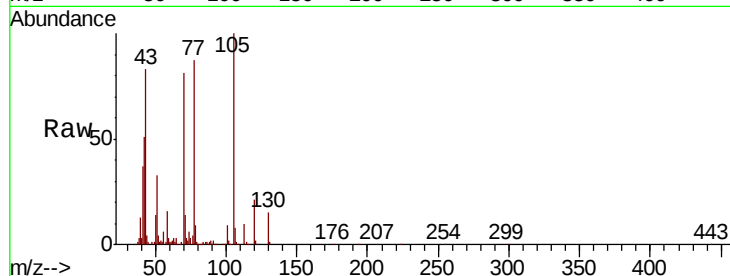
#19
n-Nitroso-di-n-propylamine
Concen: 41.561 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.7	47.6	71.4	
101	10.6	6.5	9.7#	
130	18.6	15.0	22.4	

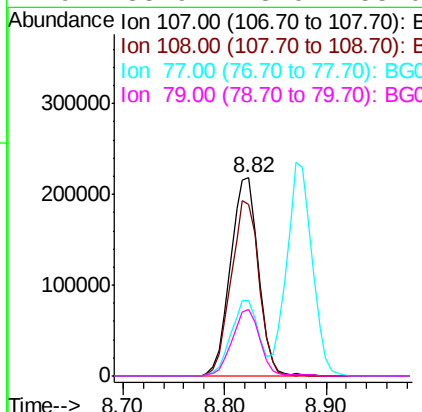
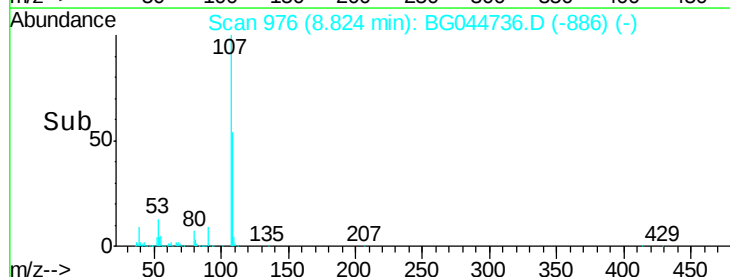
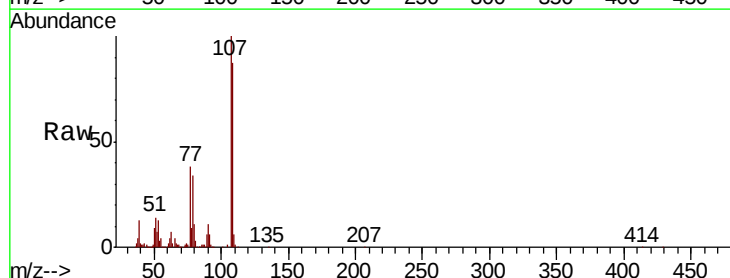
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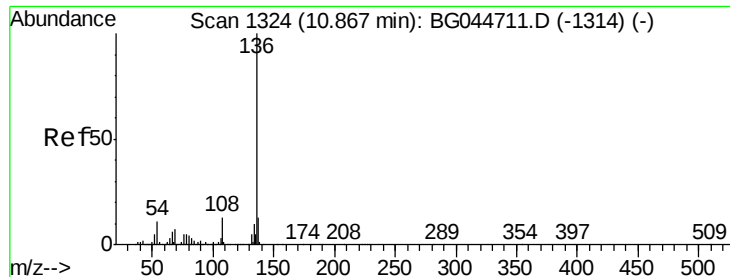
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#20
3+4-Methylphenols
Concen: 48.192 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	69.1	109.1	
77	38.1	17.7	57.7	
79	33.9	13.0	53.0	





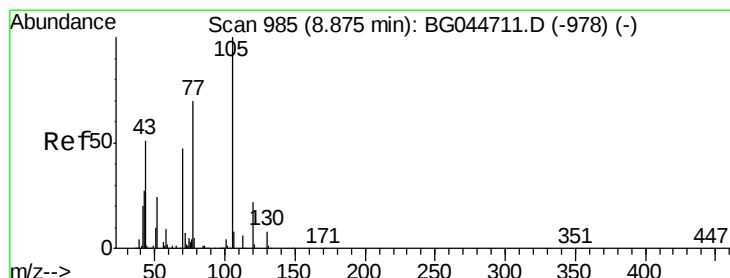
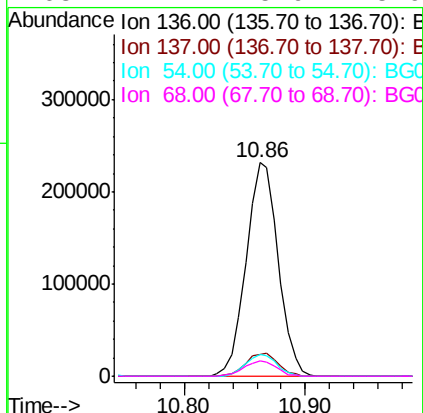
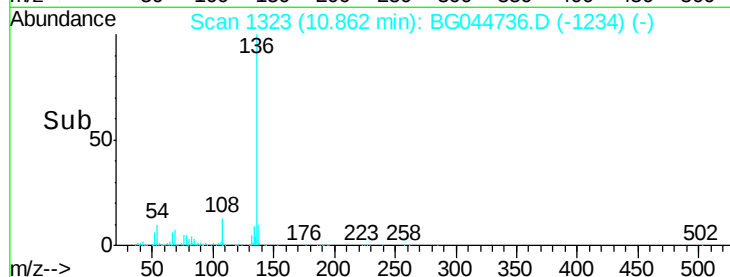
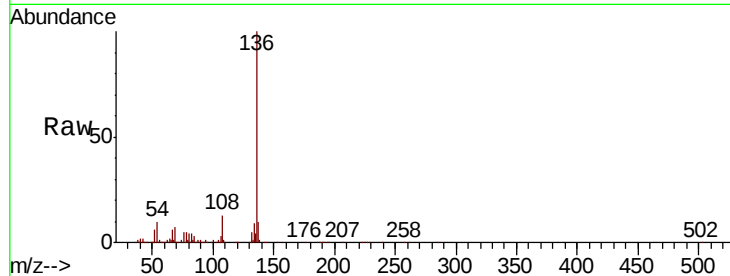
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.3	10.7	16.1#
54	10.2	9.0	13.4
68	7.4	5.9	8.9

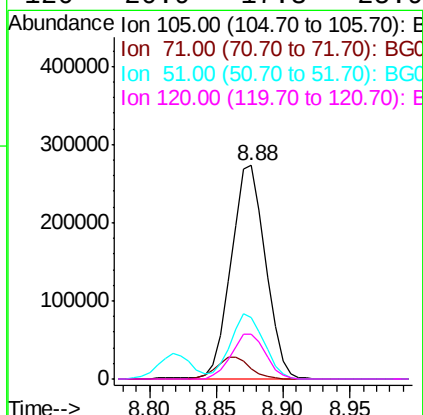
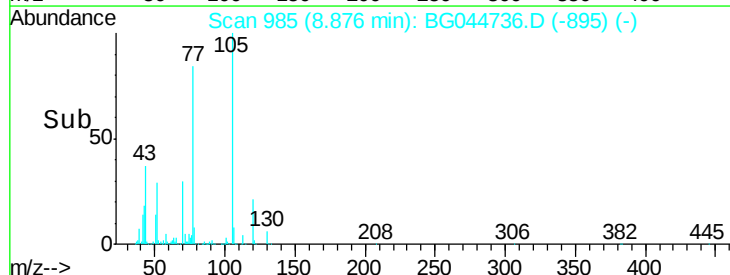
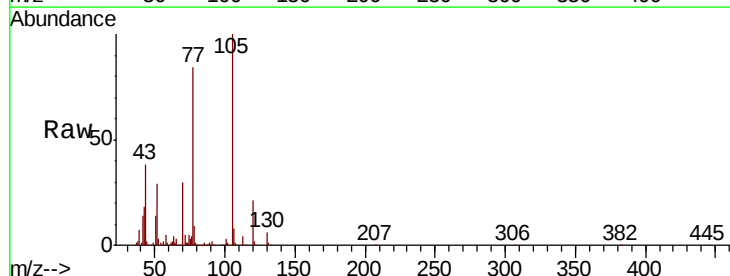
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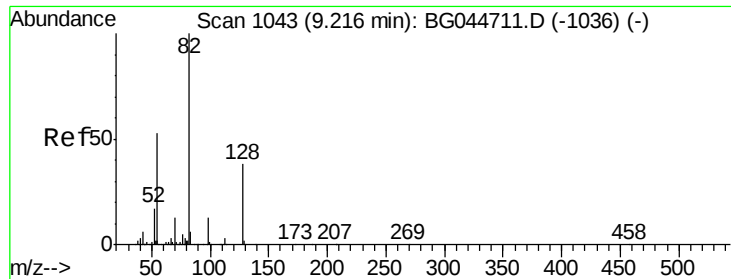
mohammad
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#22
Acetophenone
Concen: 40.468 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.9	5.8	8.8#
51	28.7	23.8	35.8
120	20.9	17.3	25.9





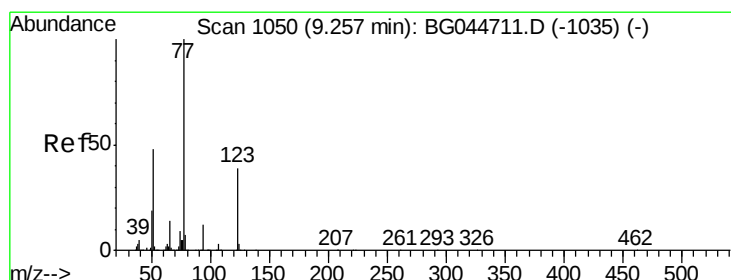
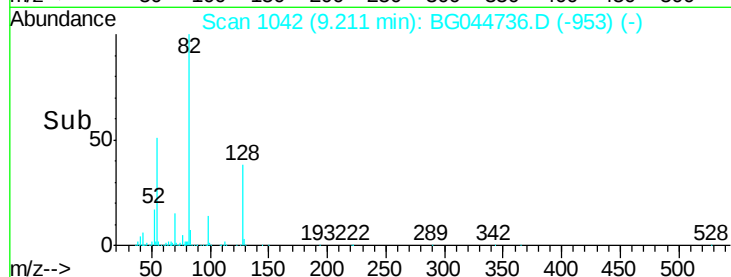
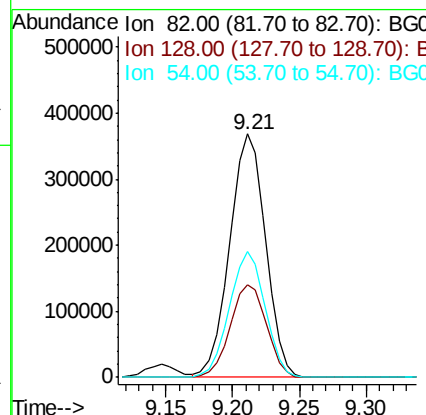
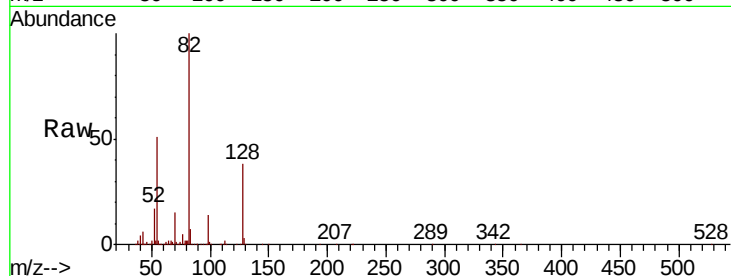
#23
Nitrobenzene-d5
Concen: 70.817 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.2	45.2
54	51.5	41.8	62.8

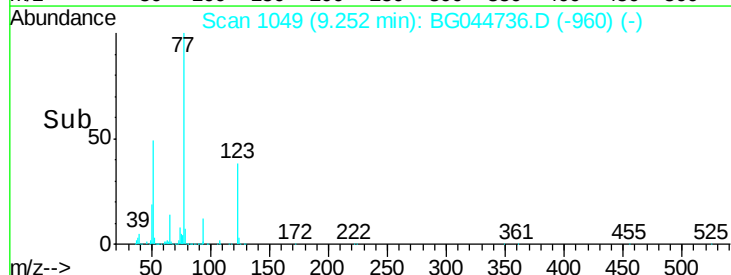
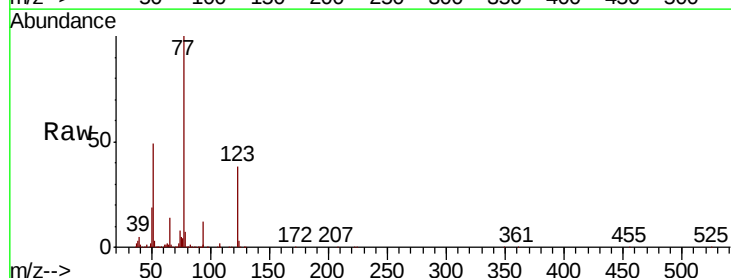
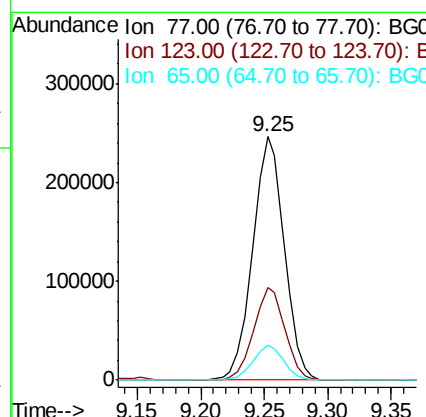
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#24
Nitrobenzene
Concen: 42.087 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	31.5	47.3
65	14.2	11.0	16.4





#25

Isophorone

Concen: 41.509 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

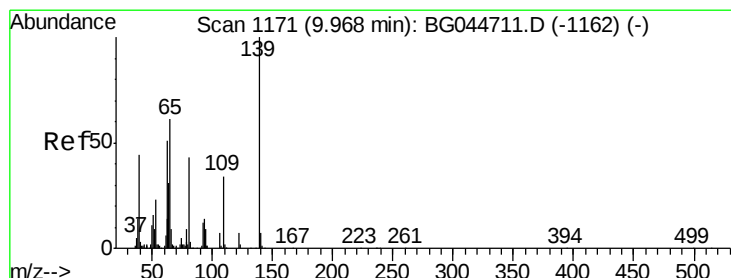
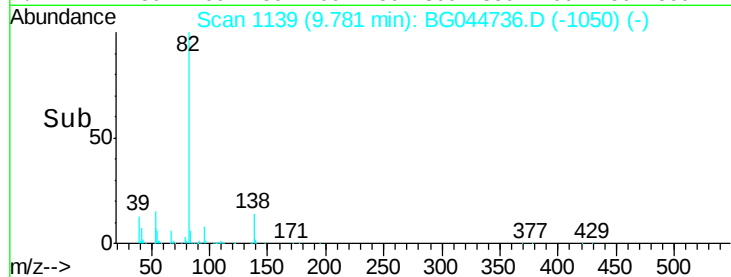
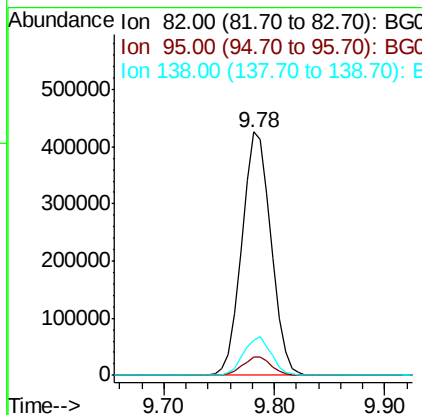
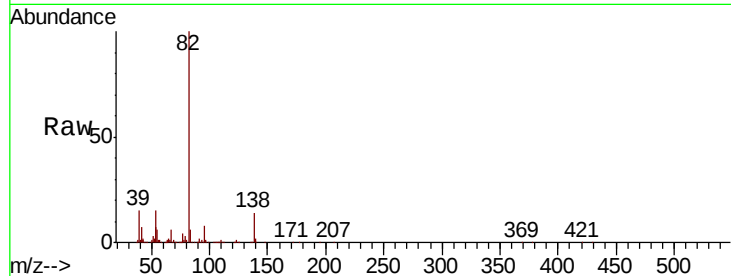
ClientSampleId :

PB127474BS

Tot Ion:	82	Resp:	789275
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.6	8.4
138	14.4	13.0	19.4

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#26

2-Nitrophenol

Concen: 46.754 ng

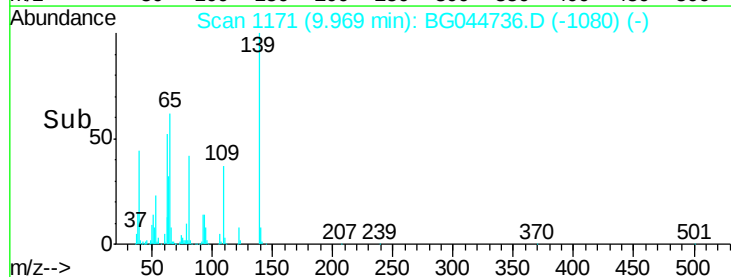
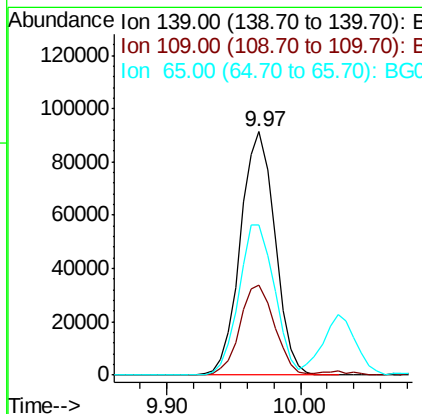
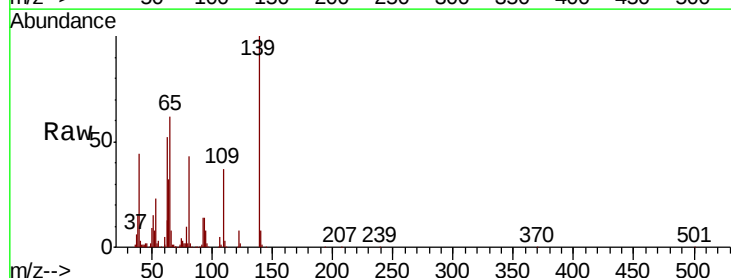
RT: 9.97 min Scan# 1171

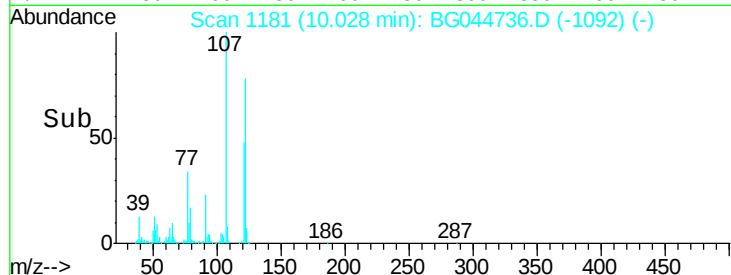
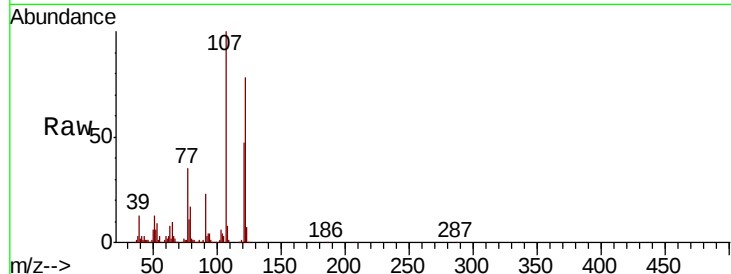
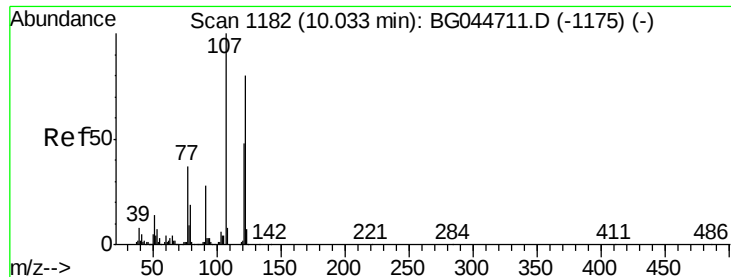
Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:	139	Resp:	163516
Ion Ratio	Lower	Upper	
139	100		
109	37.1	27.0	40.4
65	61.9	48.6	73.0





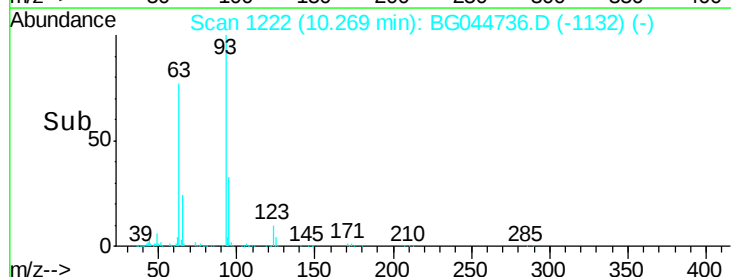
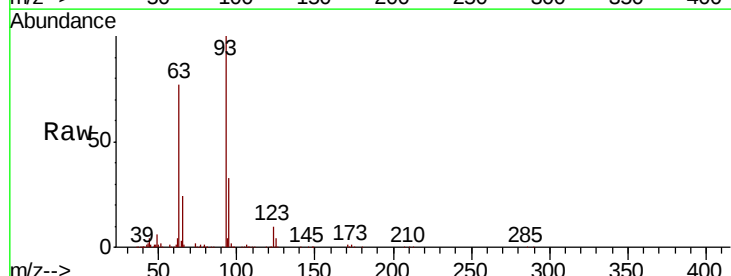
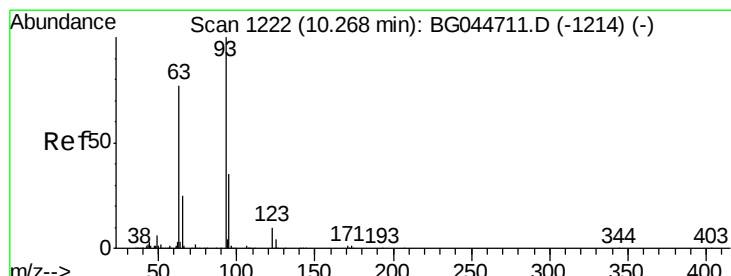
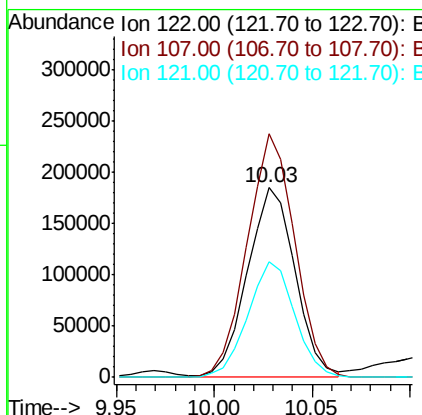
#27
2,4-Dimethylphenol
Concen: 50.510 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.4	99.0	148.6
121	61.0	47.6	71.4

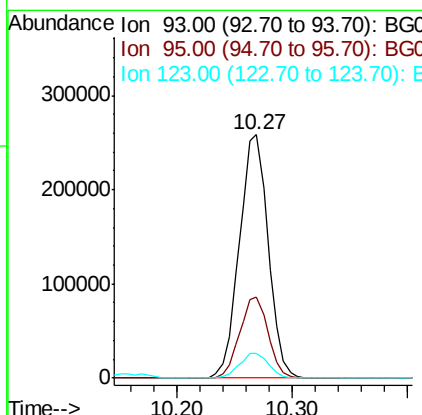
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#28
bis(2-Chloroethoxy)methane
Concen: 39.391 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.7	41.5
123	10.2	8.1	12.1





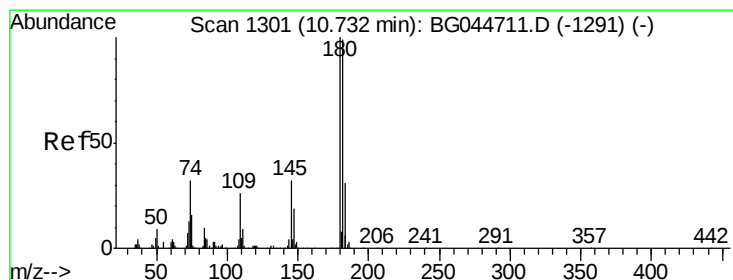
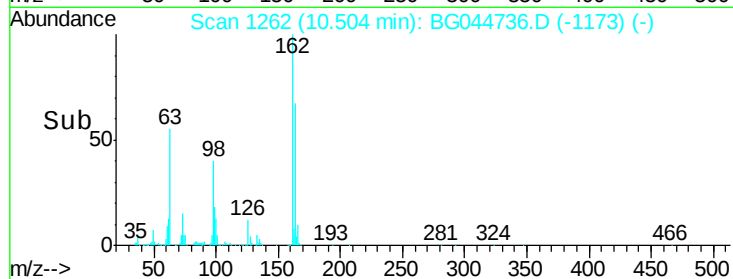
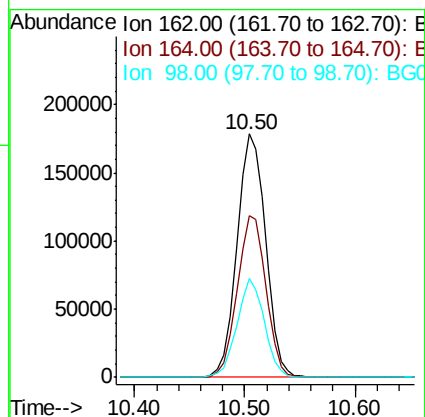
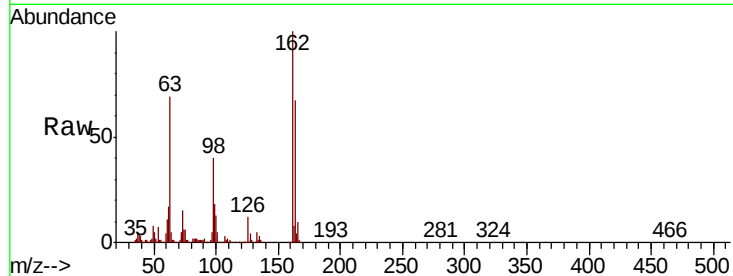
#29
 2,4-Dichlorophenol
 Concen: 45.000 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044736.D
 Acq: 12 Mar 2020 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127474BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.5	46.5	86.5	
98	40.4	18.1	58.1	

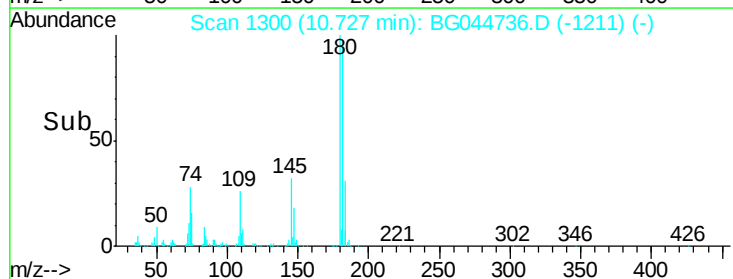
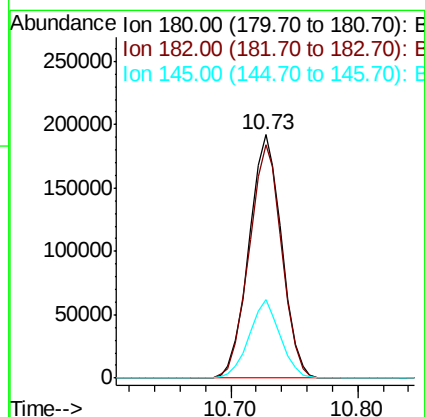
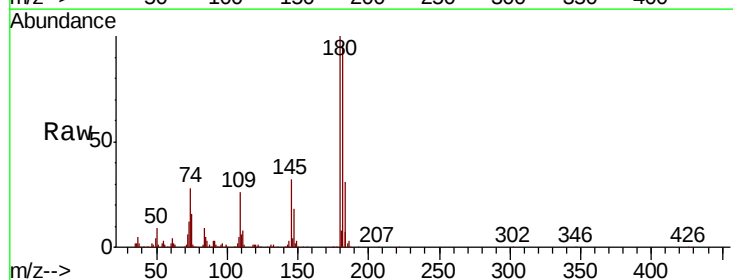
Manual Integrations
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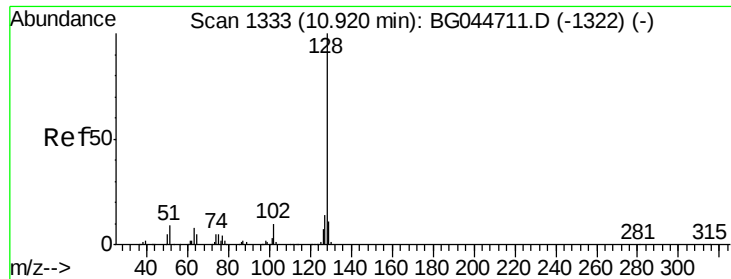
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.723 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG044736.D
 Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	78.8	118.2	
145	32.2	25.4	38.0	





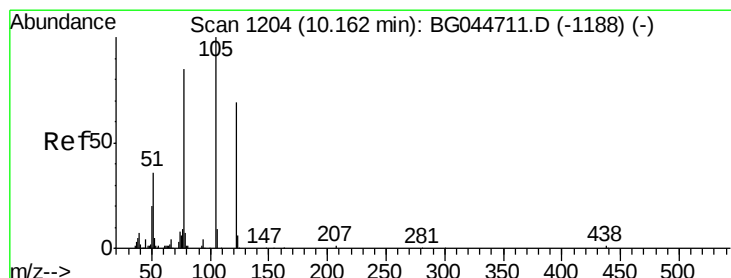
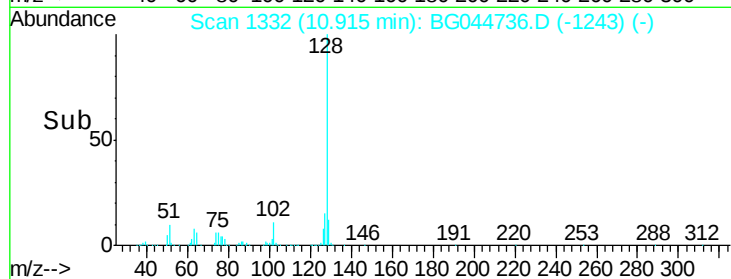
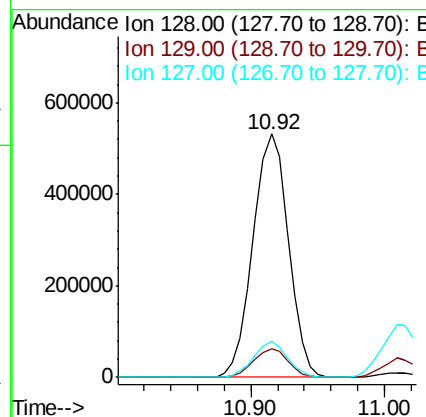
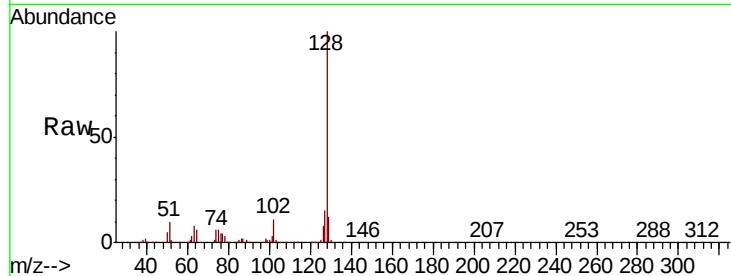
#31
Naphthalene
Concen: 41.196 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.0	13.4	
127	14.8	11.0	16.6	

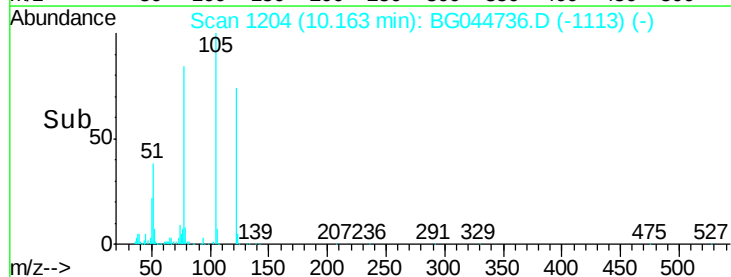
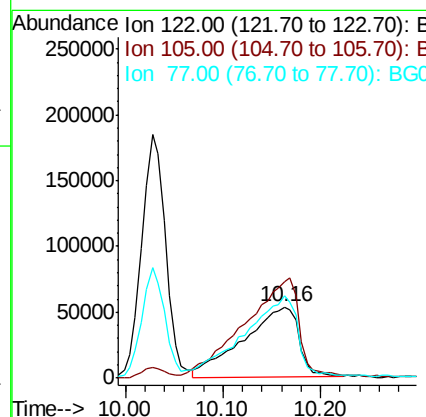
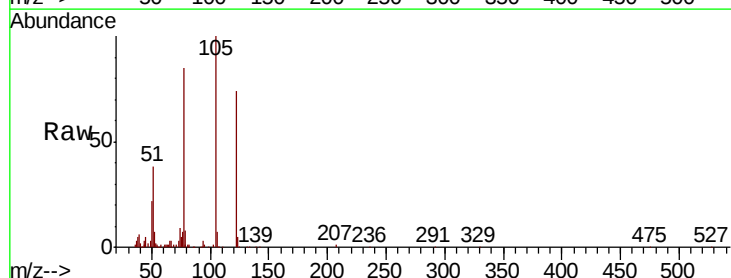
Manual Integrations
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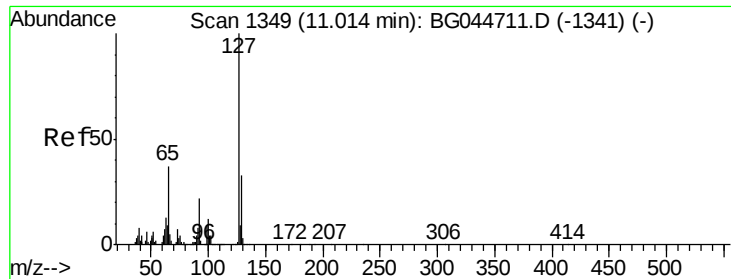
mohammad
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#32
Benzoic acid
Concen: 44.552 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	135.9	119.0	159.0	
77	115.3	96.4	136.4	





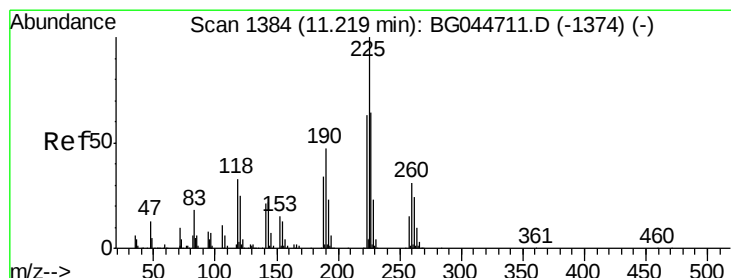
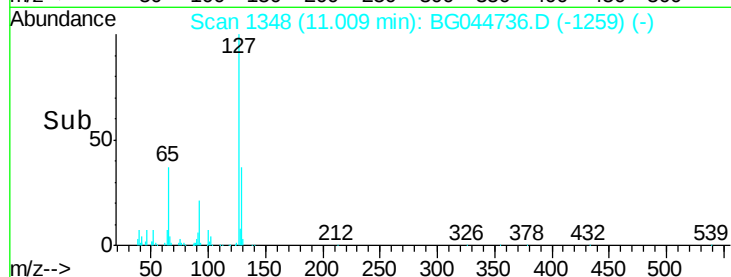
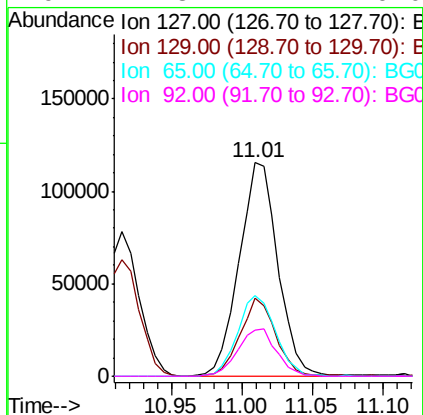
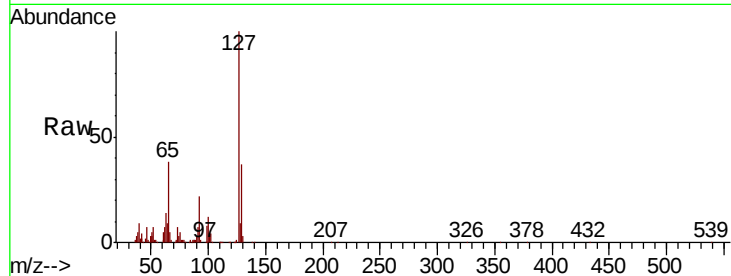
#33
4-Chloroaniline
Concen: 20.566 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.7	26.2	39.4		
65	37.6	29.6	44.4		
92	21.8	17.4	26.0		

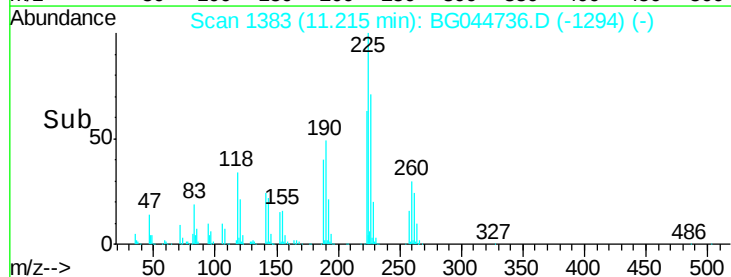
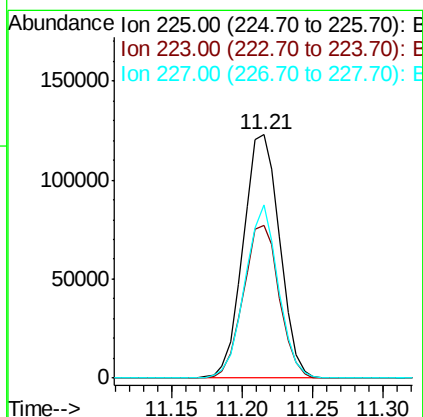
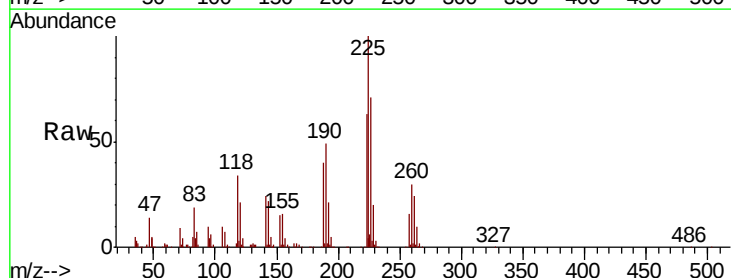
Manual Integrations
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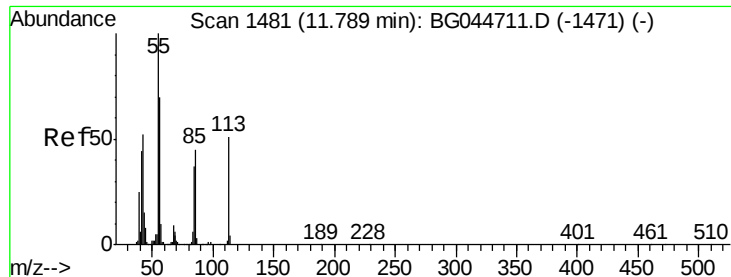
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#34
Hexachlorobutadiene
Concen: 39.113 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.6	76.0		
227	71.1	51.6	77.4		





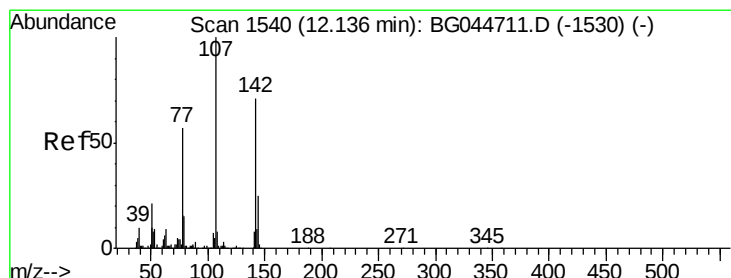
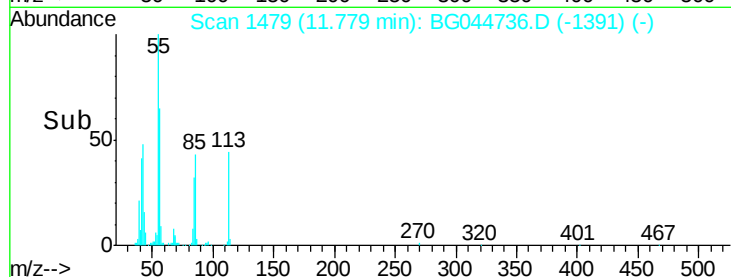
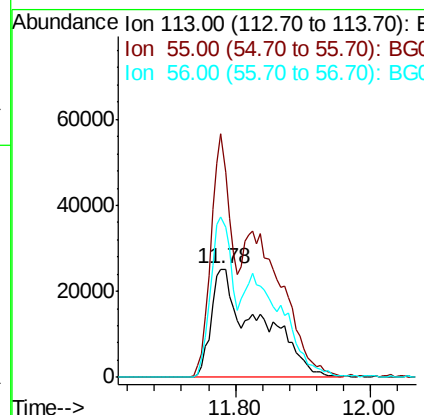
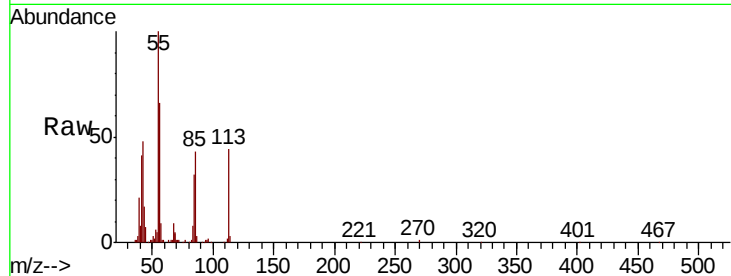
#35
Caprolactam
Concen: 45.148 ng/ml
RT: 11.78 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	225.3	178.4	218.4		
56	147.9	117.7	157.7		

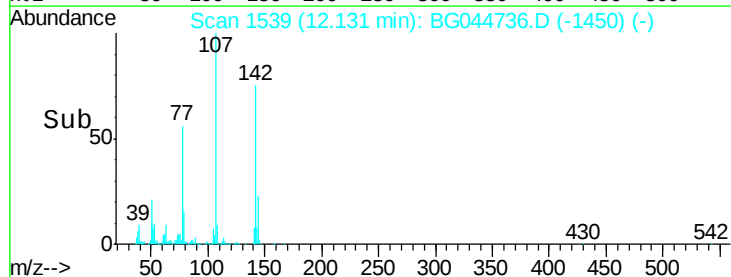
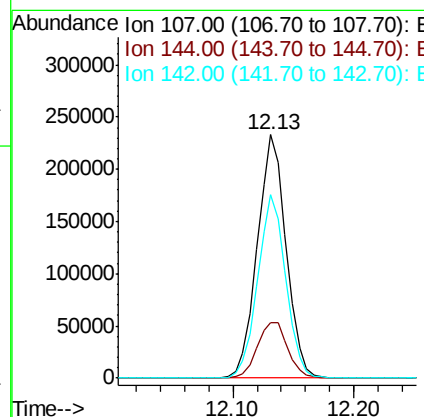
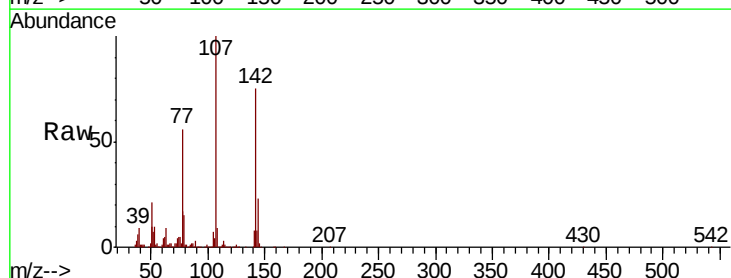
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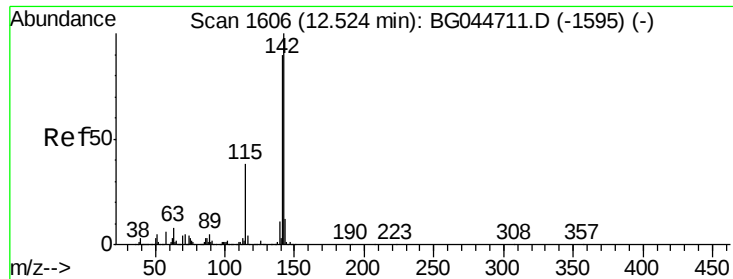
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#36
4-Chloro-3-methylphenol
Concen: 44.696 ng/ml
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.9	19.6	29.4		
142	75.4	56.5	84.7		





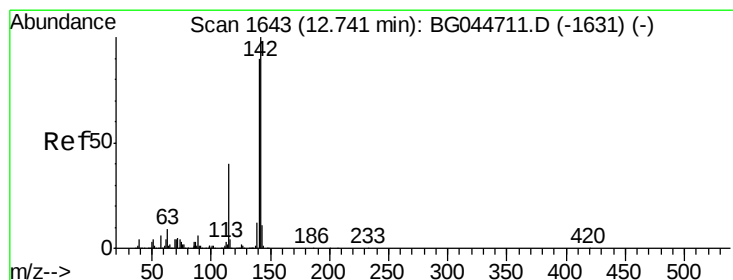
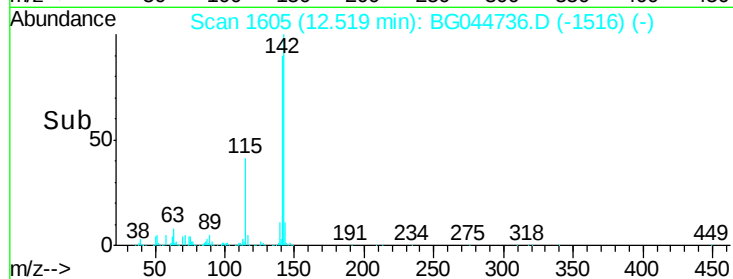
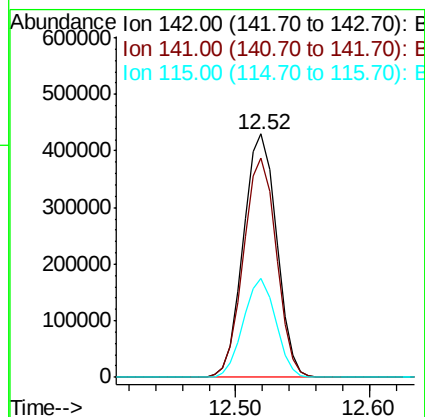
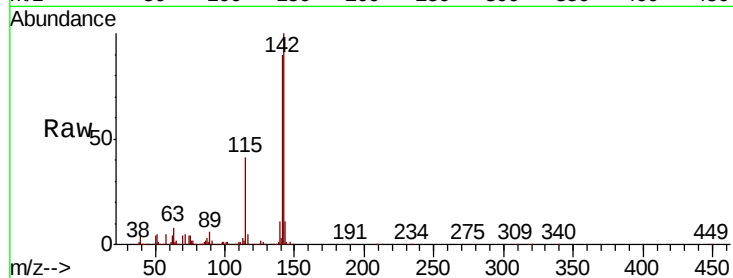
#37
2-Methylnaphthalene
Concen: 41.799 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	40.8	30.6	45.8

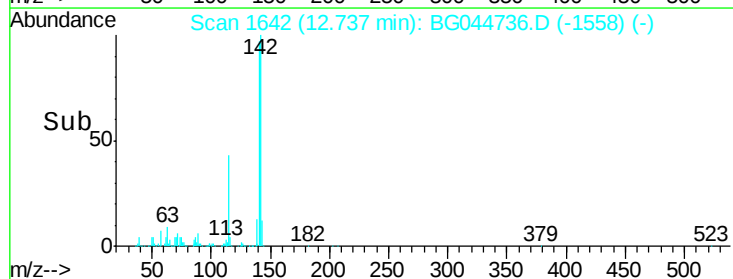
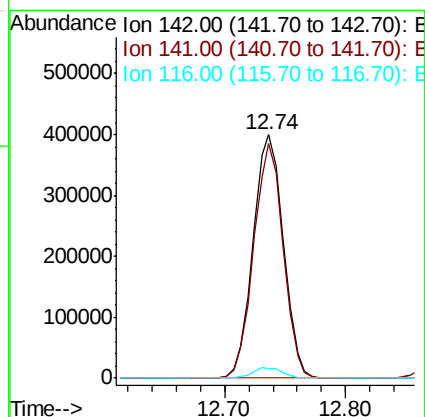
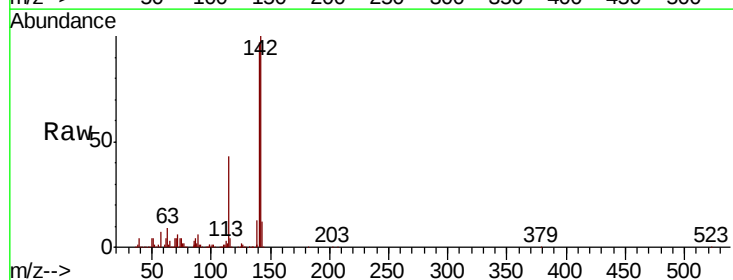
Manual Integrations
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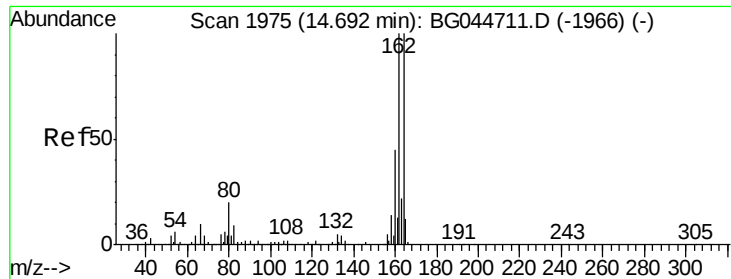
mohammad
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#38
1-Methylnaphthalene
Concen: 41.774 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.6	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: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

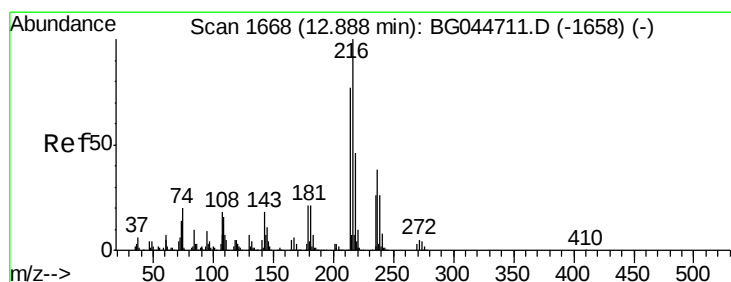
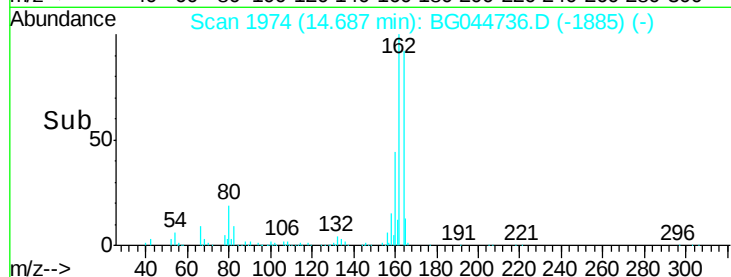
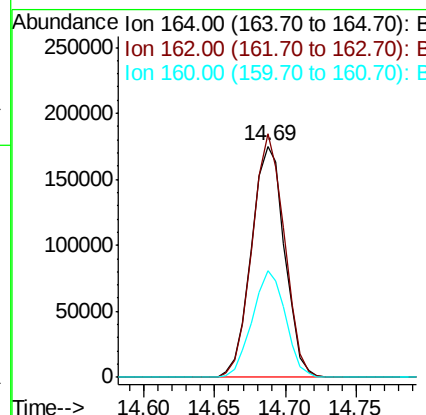
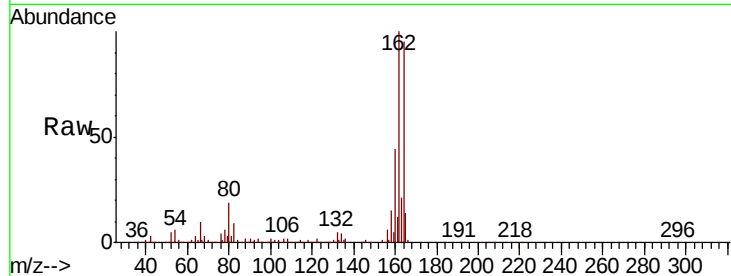
ClientSampleId :

PB127474BS

Tot Ion:	164	Resp:	290245
Ion Ratio		Lower	Upper
164	100		
162	105.2	80.2	120.4
160	46.3	36.2	54.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.694 ng

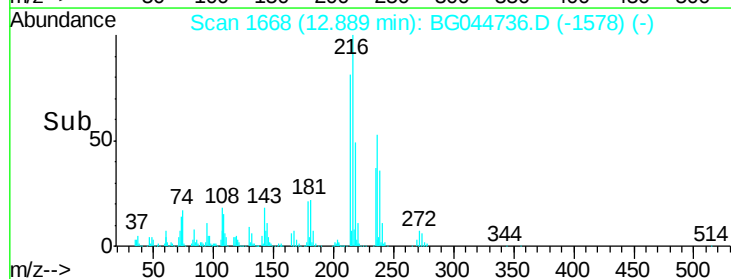
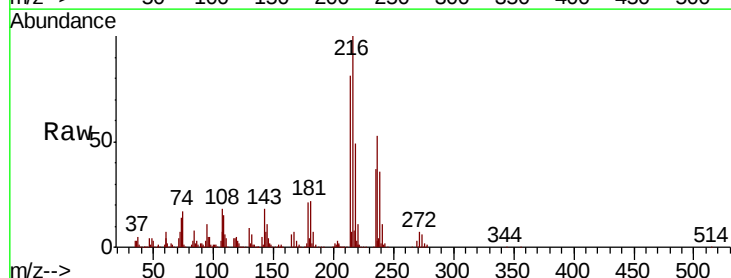
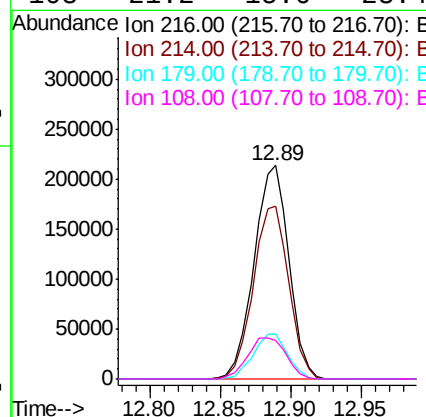
RT: 12.89 min Scan# 1668

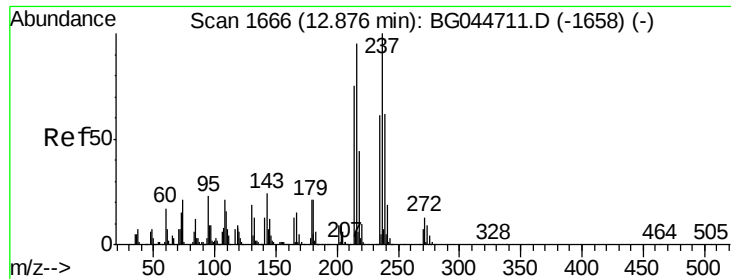
Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:	216	Resp:	369860
Ion Ratio		Lower	Upper
216	100		
214	82.2	63.0	94.4
179	20.7	16.6	24.8
108	21.2	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 82.487 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

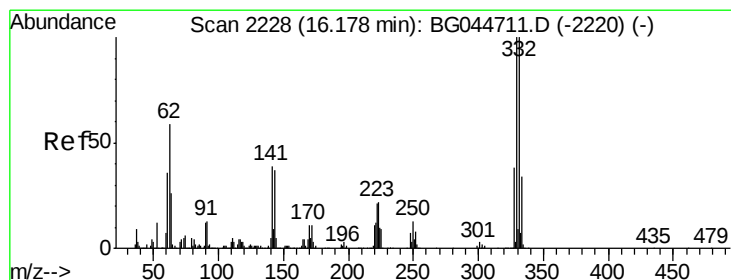
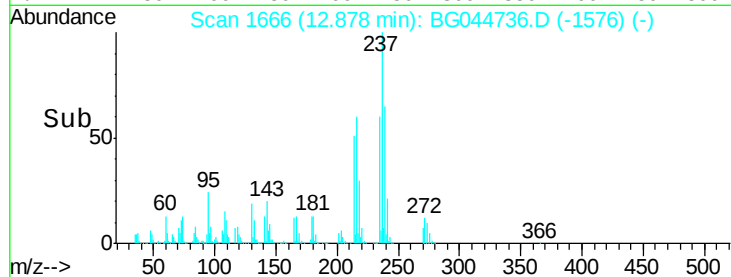
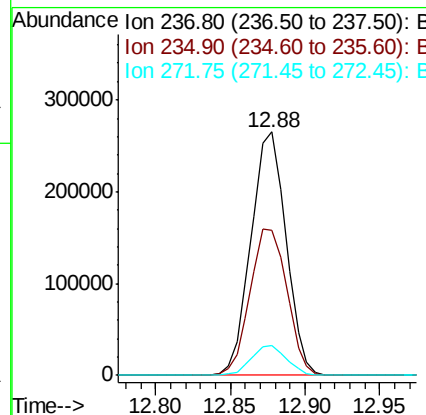
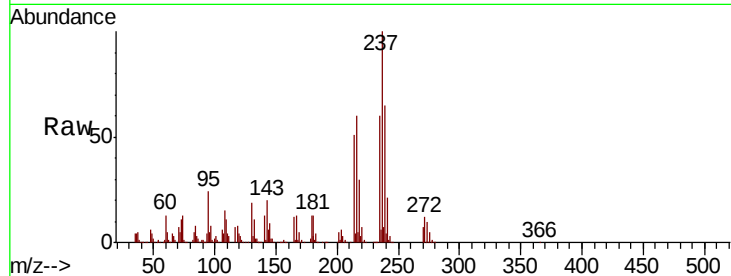
ClientSampleId :

PB127474BS

Tot Ion:	237	Resp:	430899
Ion Ratio	Lower	Upper	
237	100		
235	59.6	40.6	80.6
272	12.4	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 122.510 ng

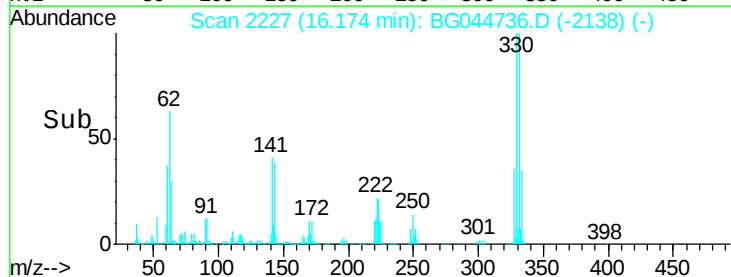
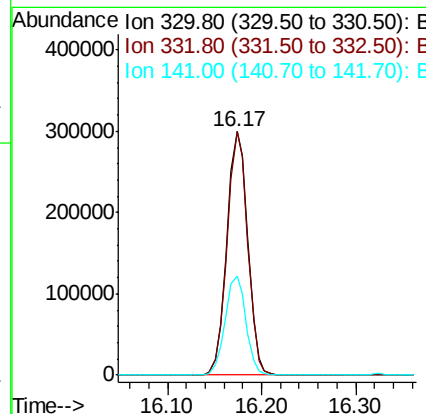
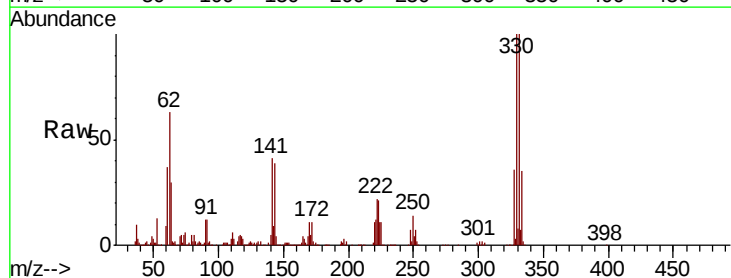
RT: 16.17 min Scan# 2227

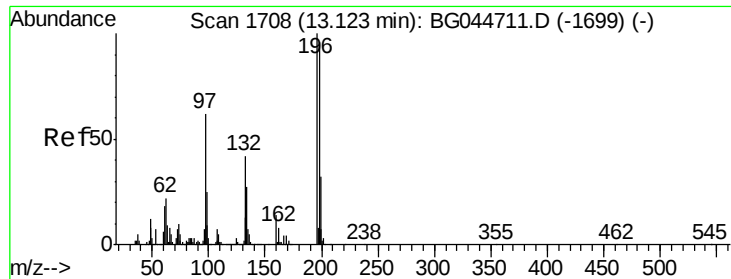
Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:	330	Resp:	465578
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.5	116.3
141	40.5	31.7	47.5





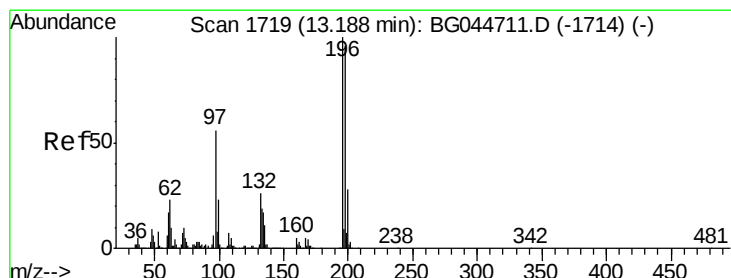
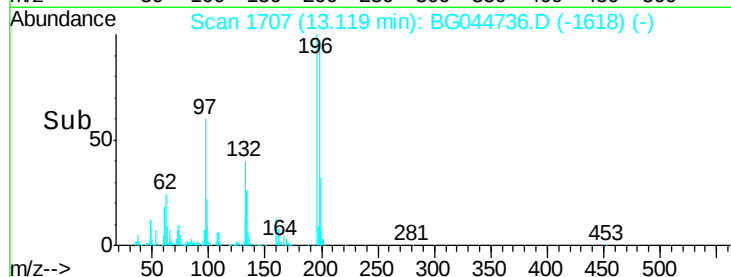
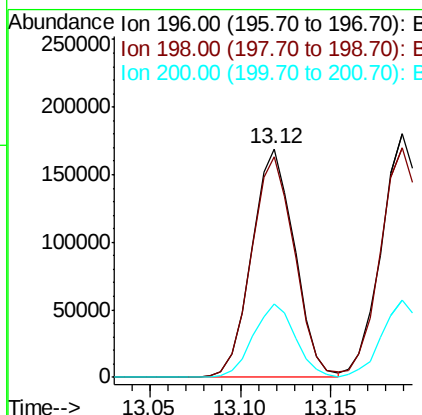
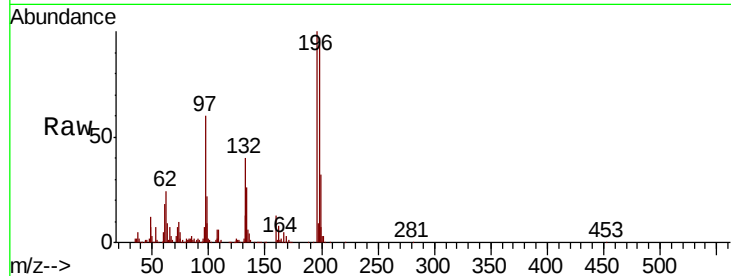
#43
2,4,6-Trichlorophenol
Concen: 43.560 ng
RT: 13.12 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	276325		
198	96.6	76.5	114.7	
200	32.0	25.9	38.9	

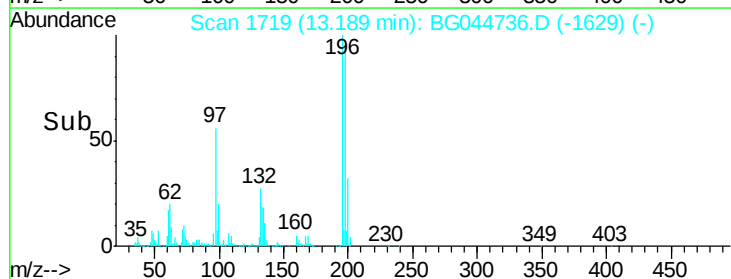
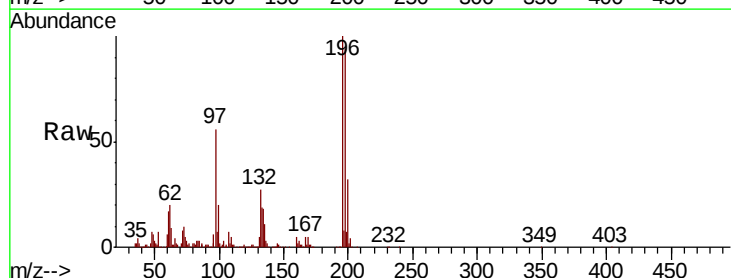
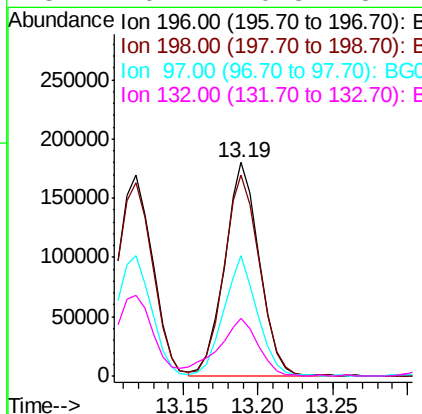
Manual Integrations
APPROVED

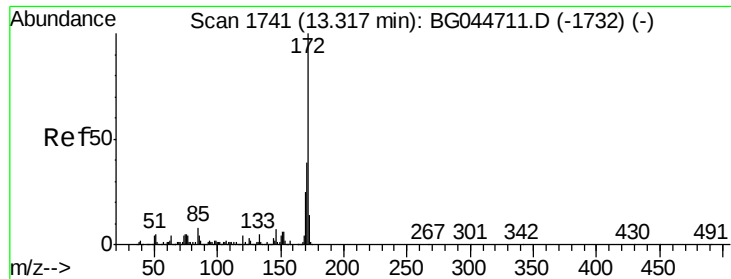
mohammad
3/16/2020 1:48:18 PM



#44
2,4,5-Trichlorophenol
Concen: 44.408 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292151		
198	94.0	77.3	115.9	
97	56.4	44.9	67.3	
132	26.7	20.8	31.2	





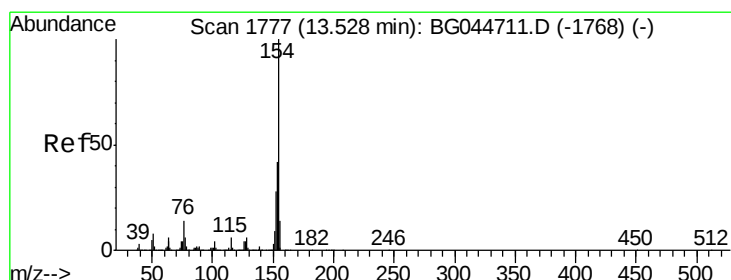
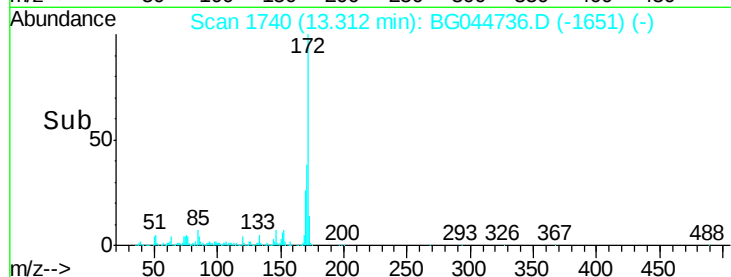
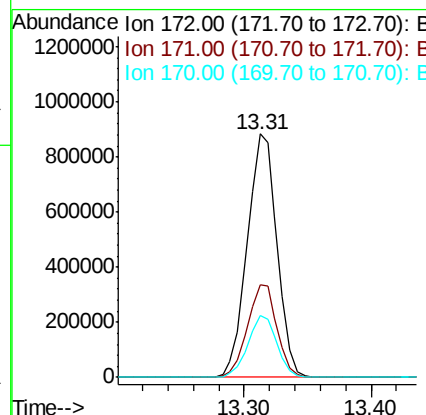
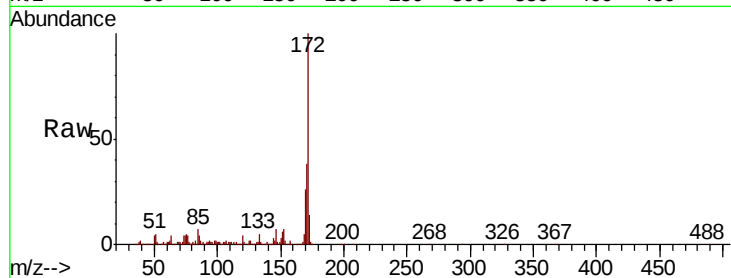
#45
2-Fluorobiphenyl
Concen: 70.681 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.6	20.0	30.0

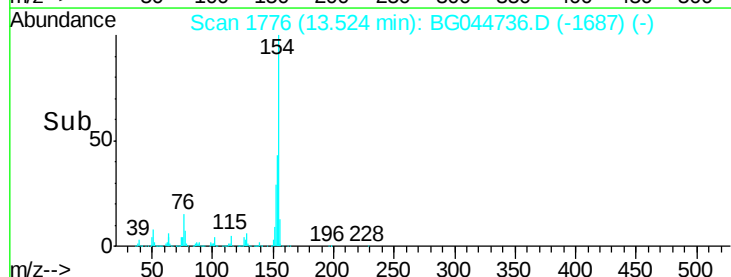
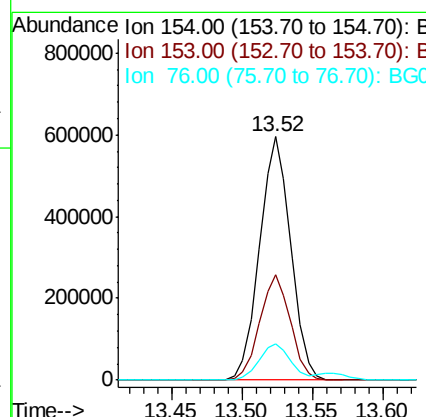
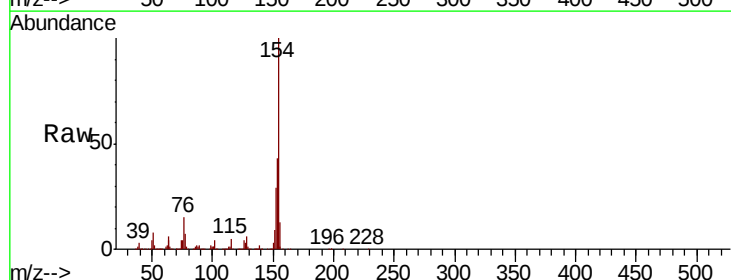
Manual Integrations
APPROVED

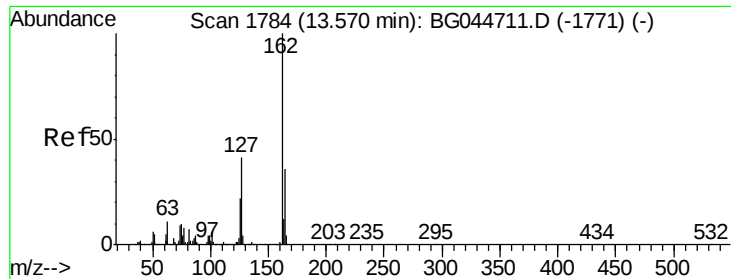
mohammad
3/16/2020 1:48:18 PM



#46
1,1'-Biphenyl
Concen: 39.702 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.0	62.0
76	14.7	0.0	34.2





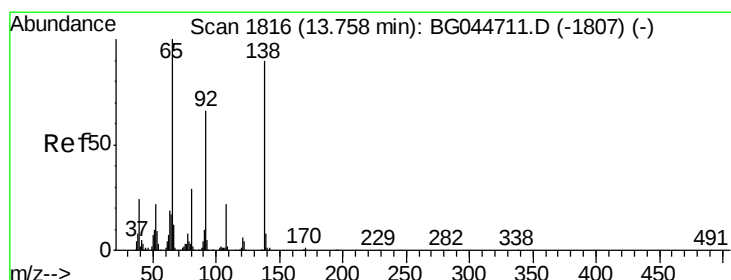
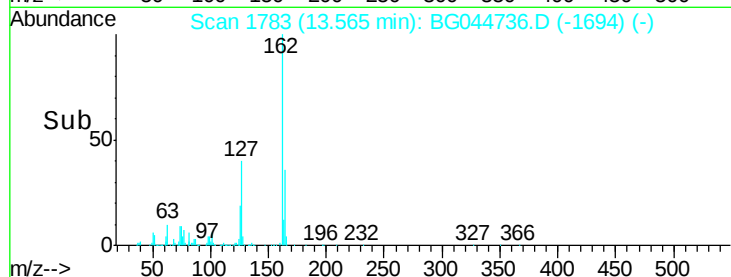
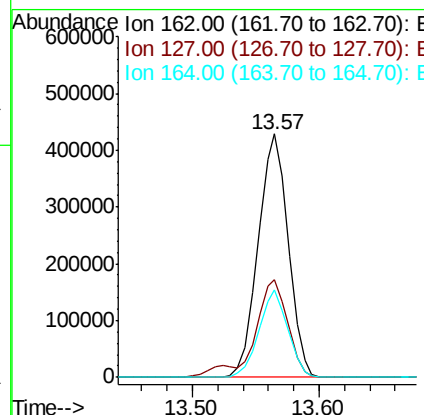
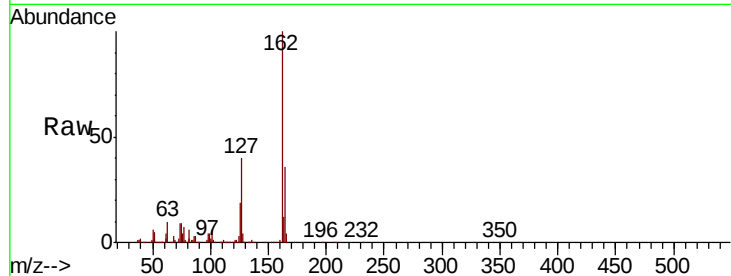
#47
2-Chloronaphthalene
Concen: 39.986 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.6	48.8
164	35.8	29.0	43.4

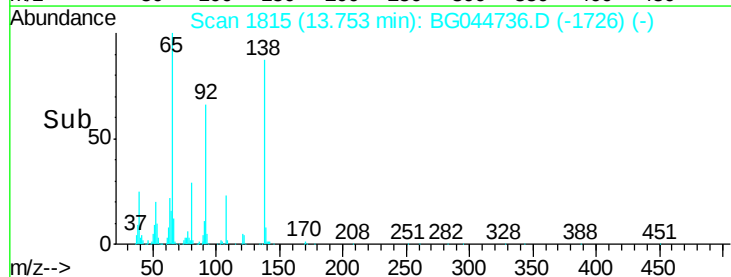
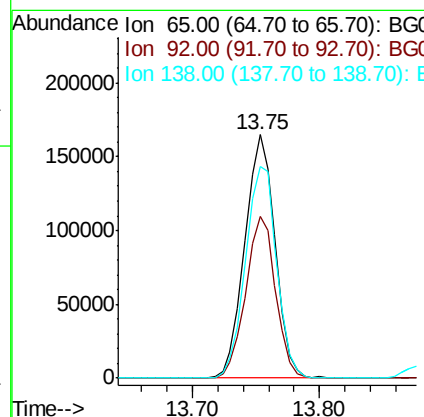
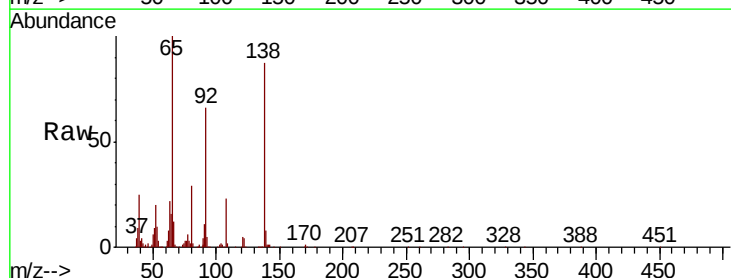
Manual Integrations
APPROVED

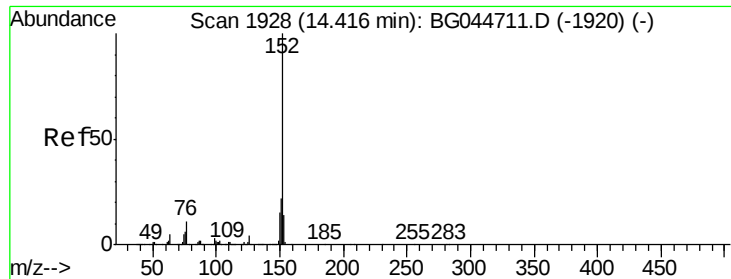
mohammad
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#48
2-Nitroaniline
Concen: 44.135 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.6	79.0
138	87.0	71.8	107.6





#49

Acenaphthylene

Concen: 42.066 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB127474BS

Tot Ion:152 Resp: 1167674

Ion Ratio Lower Upper

152 100

151 22.2 17.8 26.8

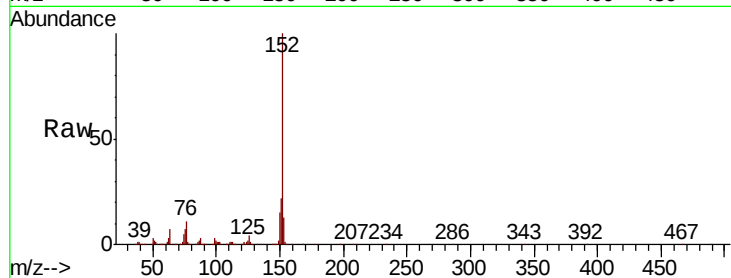
153 13.3 11.4 17.0

Manual Integrations

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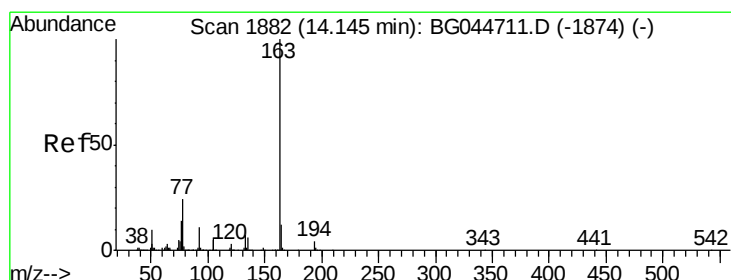
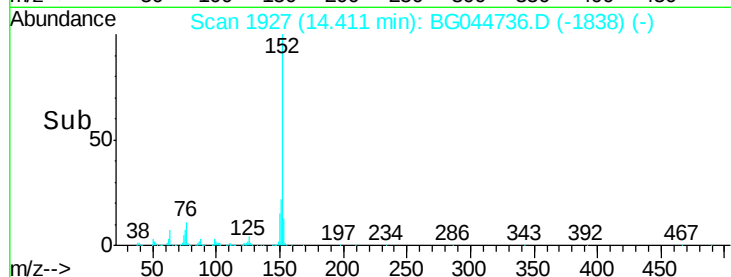
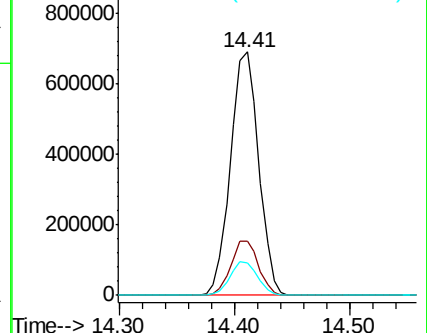
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.841 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

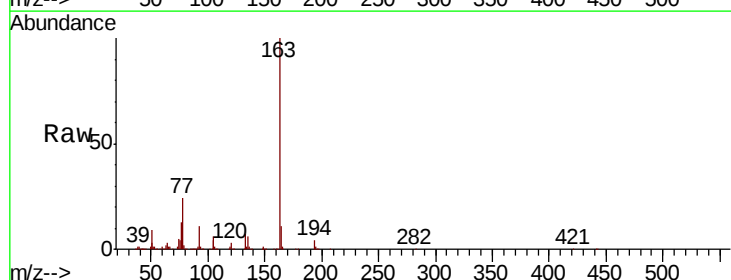
Tgt Ion:163 Resp: 944114

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

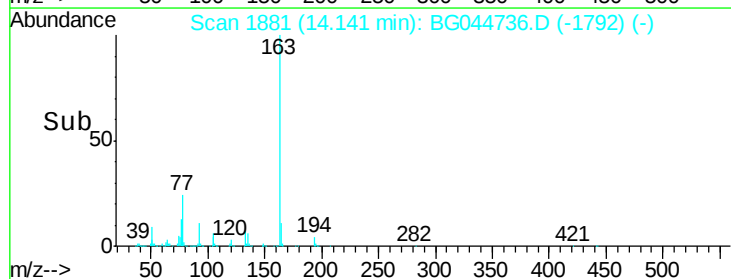
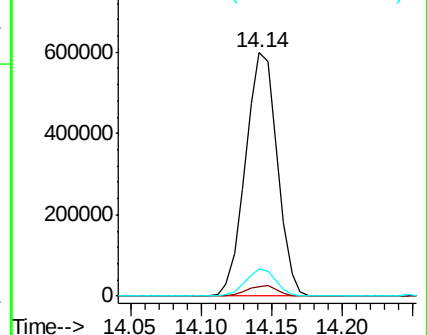
164 11.2 9.2 13.8

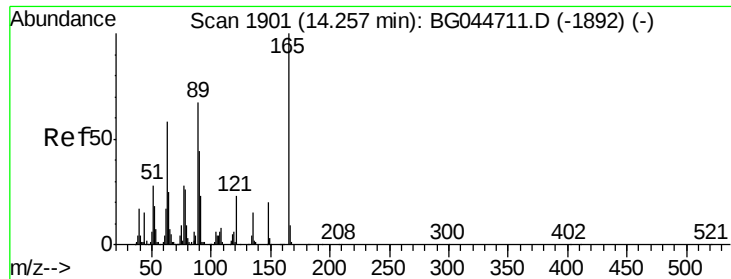


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





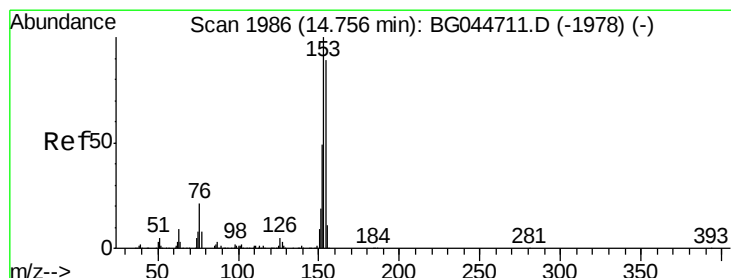
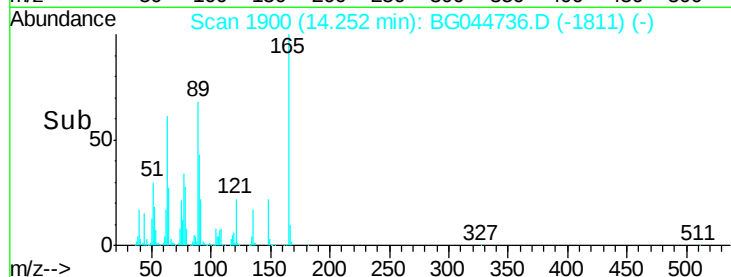
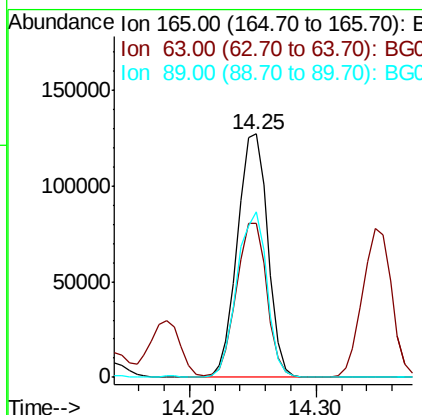
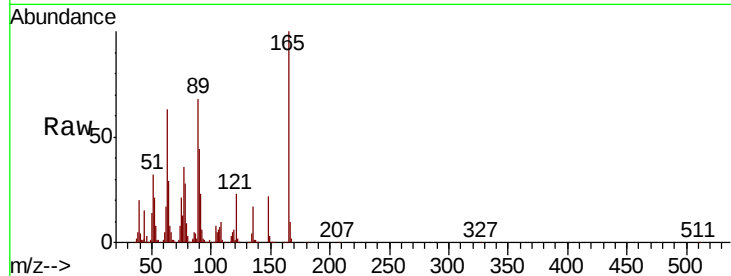
#51
2,6-Dinitrotoluene
Concen: 45.349 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.4	48.9	73.3
89	68.1	53.8	80.8

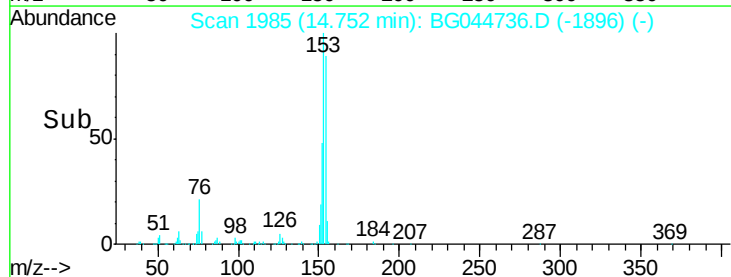
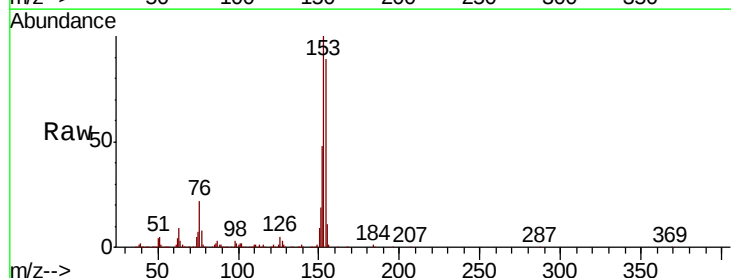
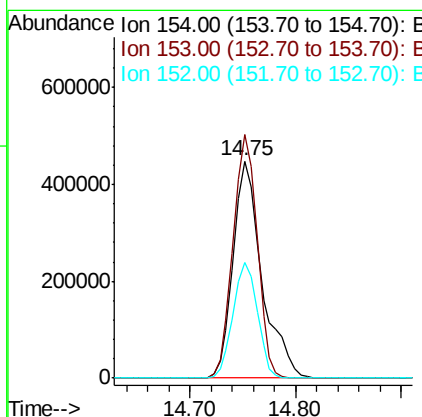
Manual Integrations
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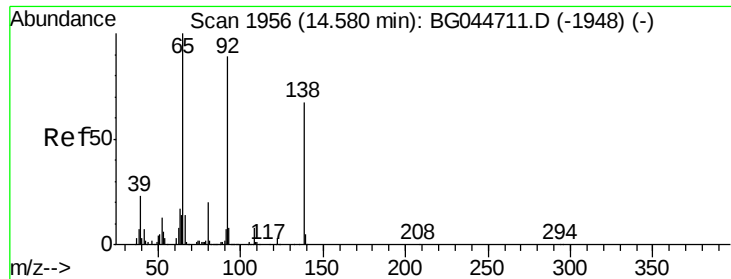
mohammad
3/16/2020 1:48:18 PM



#52
Acenaphthene
Concen: 46.318 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.8	134.8
152	53.4	44.4	66.6





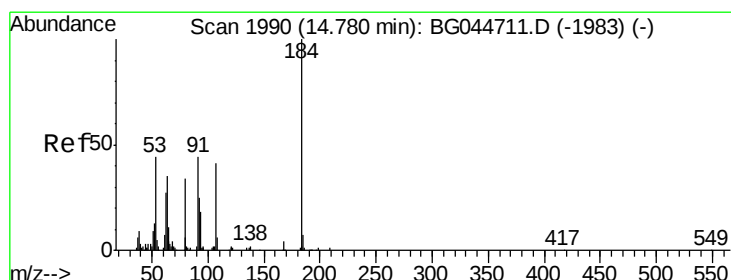
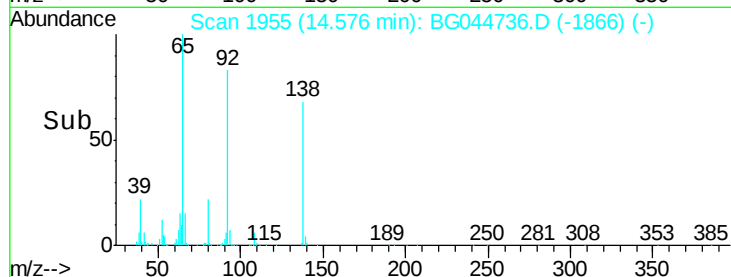
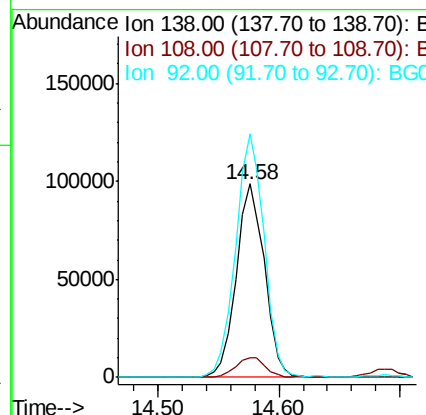
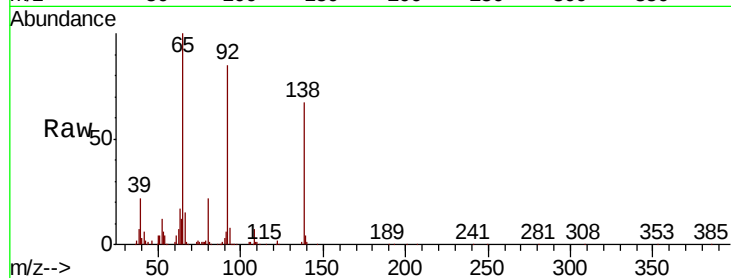
#53
3-Nitroaniline
Concen: 30.050 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.2	13.8
92	126.0	105.6	158.4

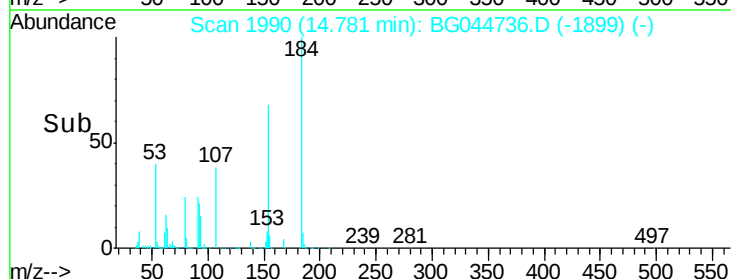
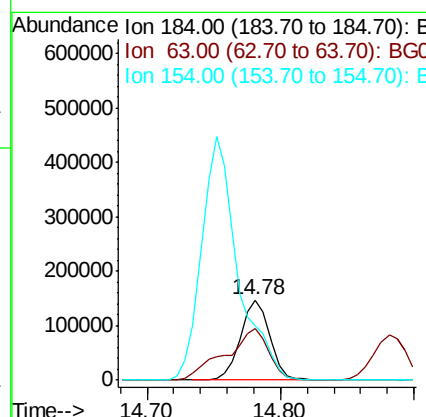
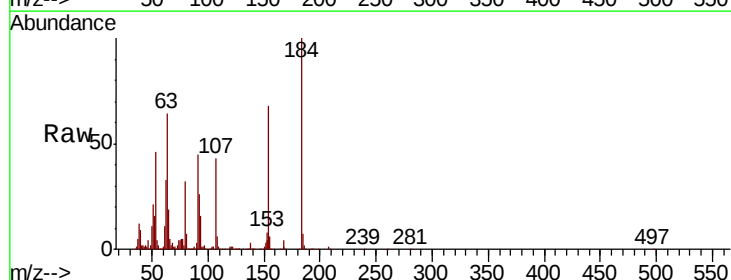
Manual Integrations
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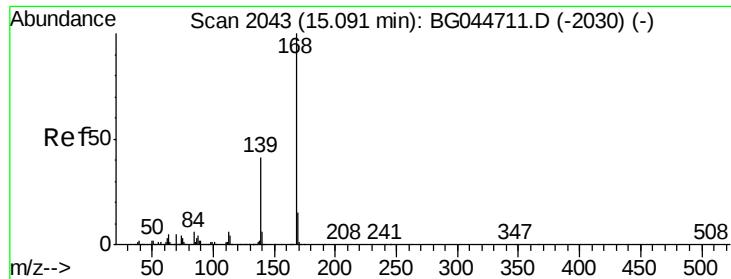
mohammad
3/16/2020 1:48:18 PM



#54
2,4-Dinitrophenol
Concen: 91.137 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.4	49.0	73.6
154	68.0	94.5	141.7#





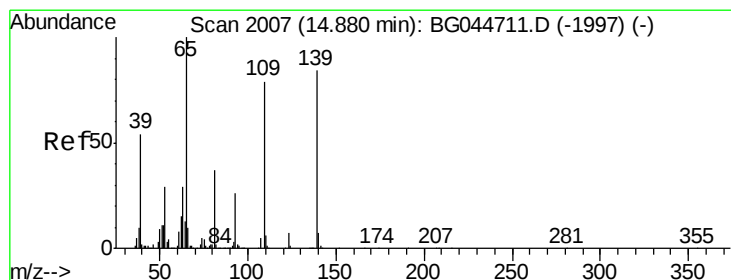
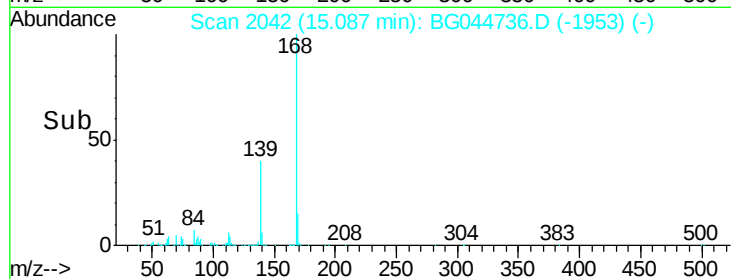
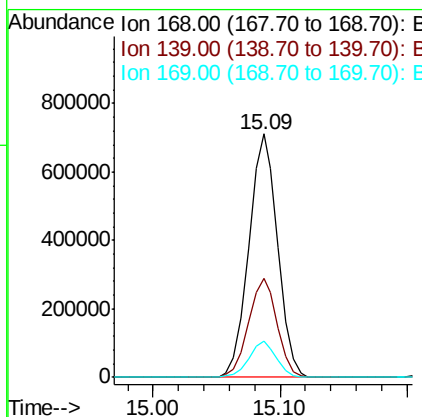
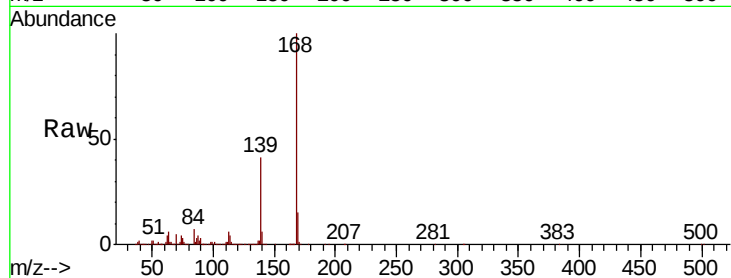
#55
Dibenzofuran
Concen: 42.301 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.6	49.0
169	14.7	11.8	17.6

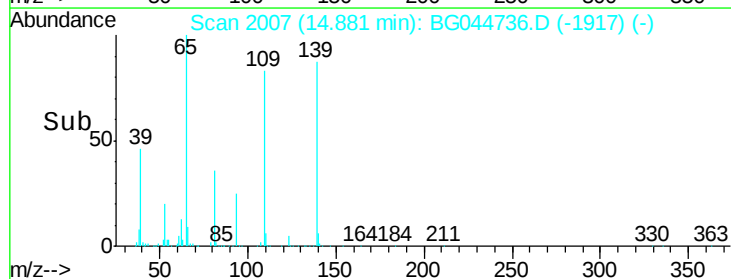
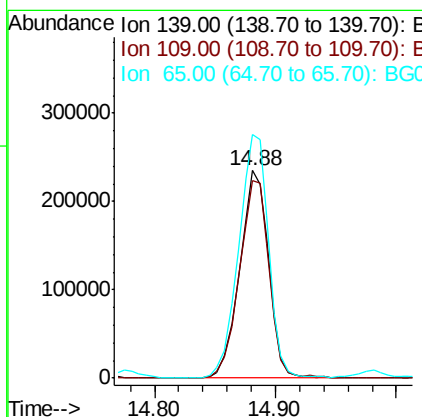
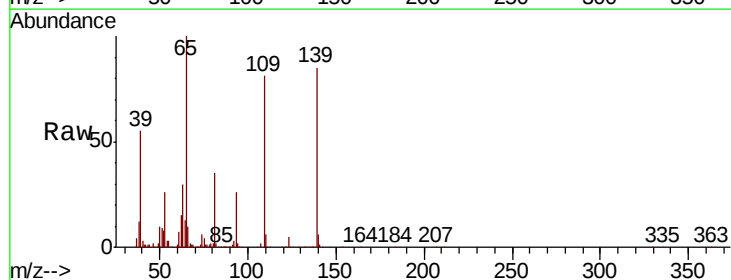
Manual Integrations
APPROVED

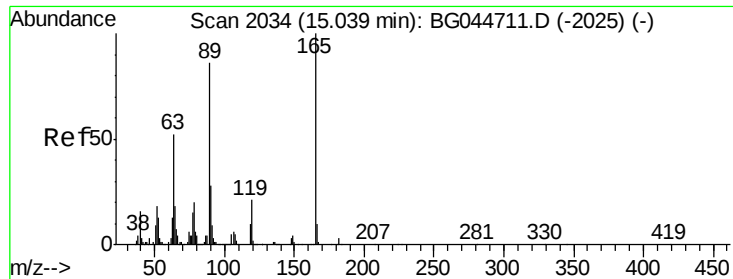
mohammad
3/16/2020 1:48:18 PM



#56
4-Nitrophenol
Concen: 96.013 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.3	74.1	114.1
65	117.5	98.6	138.6





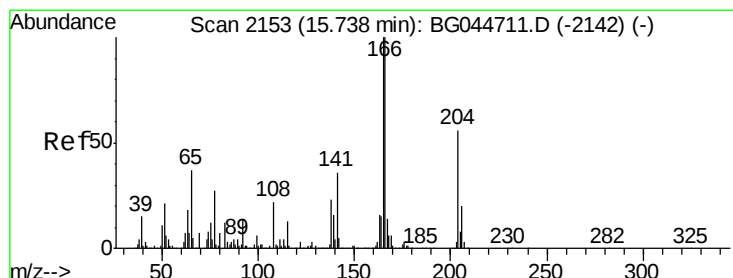
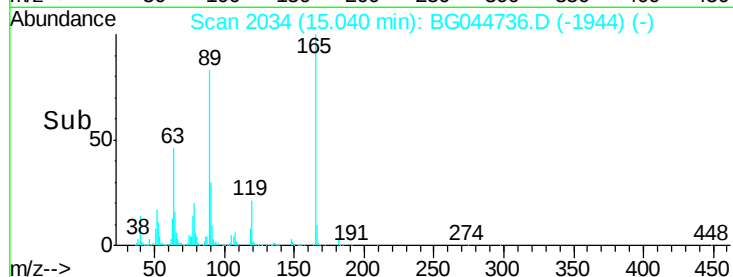
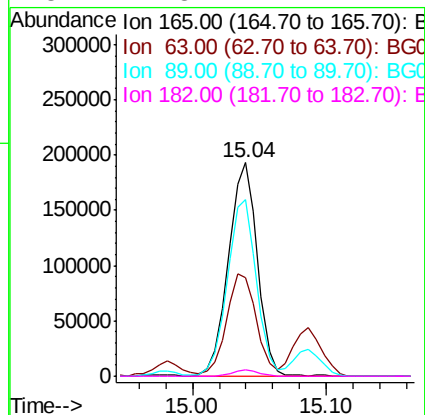
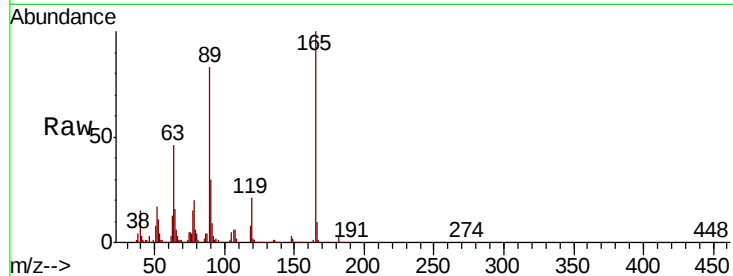
#57
 2,4-Dinitrotoluene
 Concen: 45.977 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG044736.D
 Acq: 12 Mar 2020 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127474BS

Tot Ion:	165	Resp:	293820
Ion Ratio	Lower	Upper	
165	100		
63	46.5	41.5	62.3
89	83.0	69.0	103.4
182	2.8	2.7	4.1

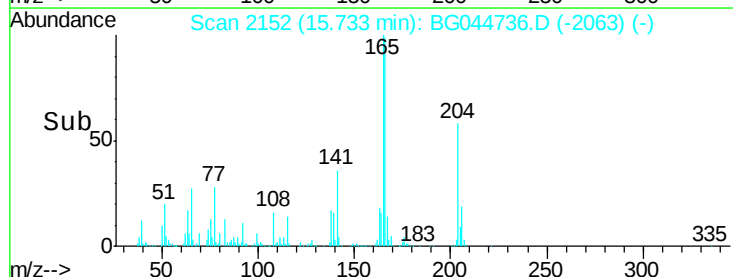
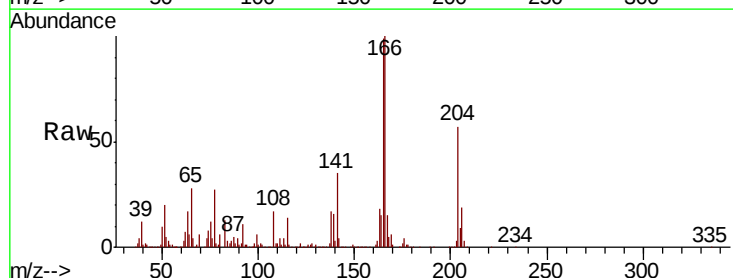
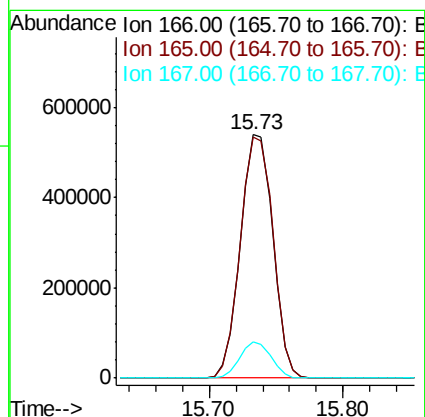
Manual Integrations
 APPROVED

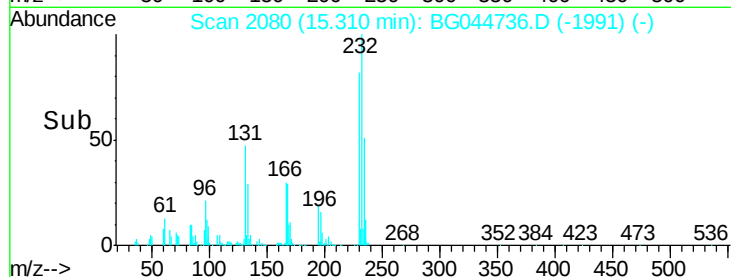
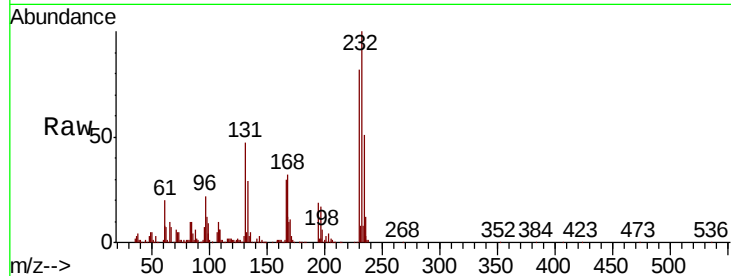
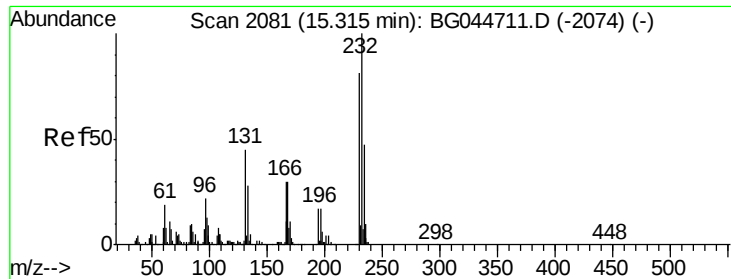
mohammad
 3/16/2020 1:48:18 PM



#58
 Fluorene
 Concen: 41.805 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044736.D
 Acq: 12 Mar 2020 15:32

Tgt Ion:	166	Resp:	906577
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.6	119.4
167	14.9	11.4	17.2





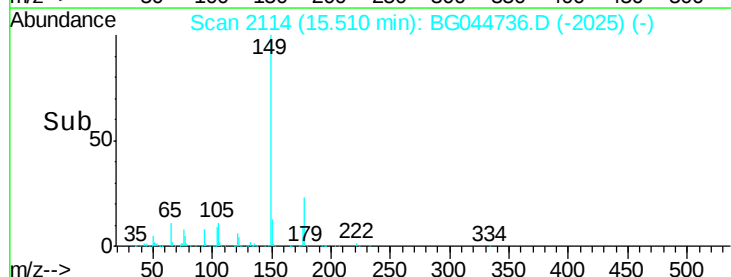
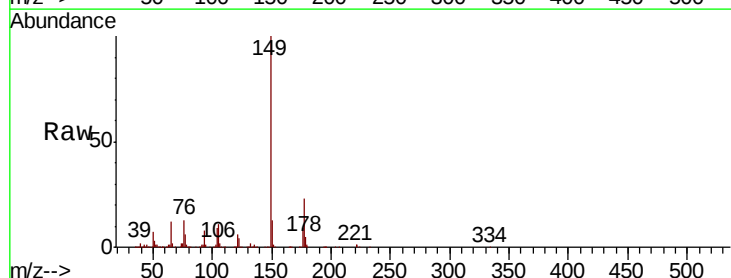
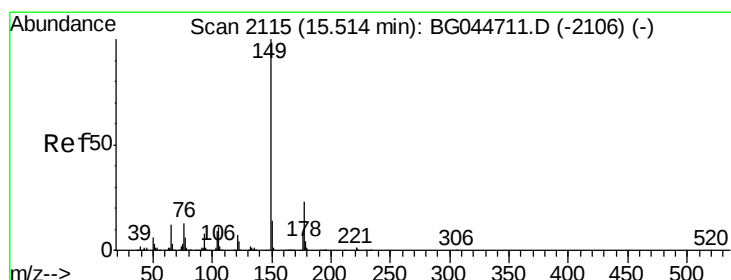
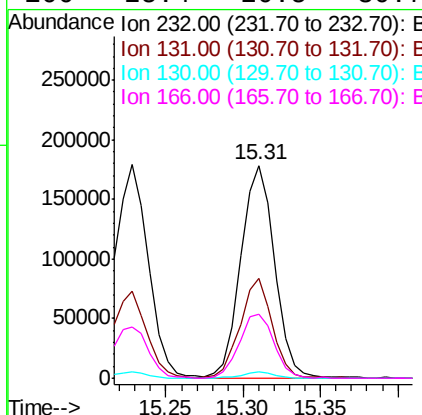
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.603 ng m
RT: 15.31 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		276210		
131	40.2	32.4	48.6		
130	2.8	2.0	3.0		
166	25.4	20.5	30.7		

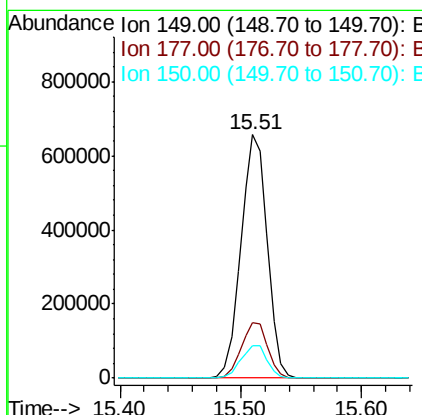
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#60
Diethylphthalate
Concen: 41.255 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		994673		
177	22.8	18.8	28.2		
150	13.5	11.2	16.8		





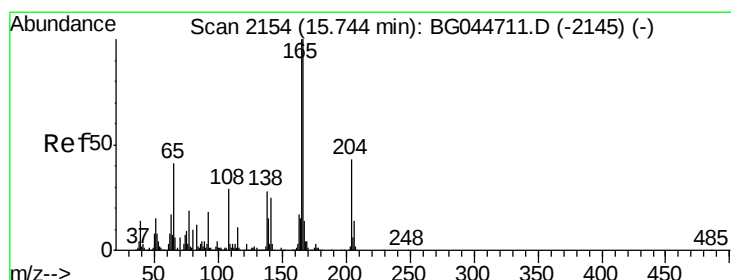
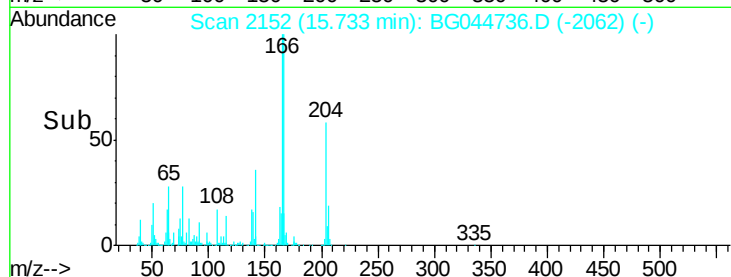
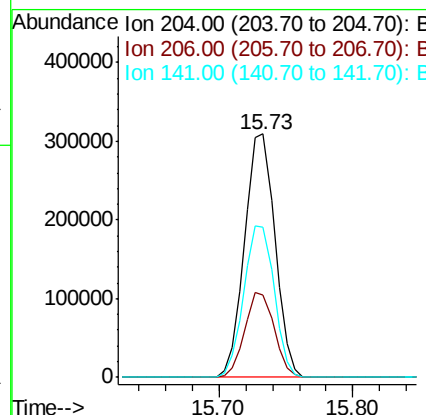
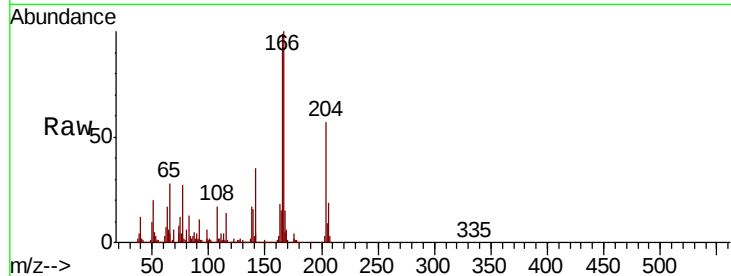
#61
 4-Chlorophenyl-phenylether
 Concen: 41.619 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG044736.D
 Acq: 12 Mar 2020 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127474BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	485981		
206	33.6	25.8	38.6	
141	61.6	50.8	76.2	

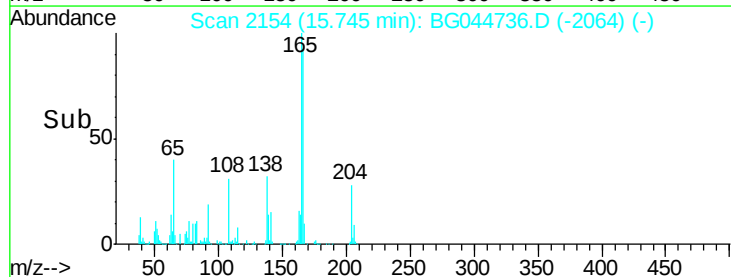
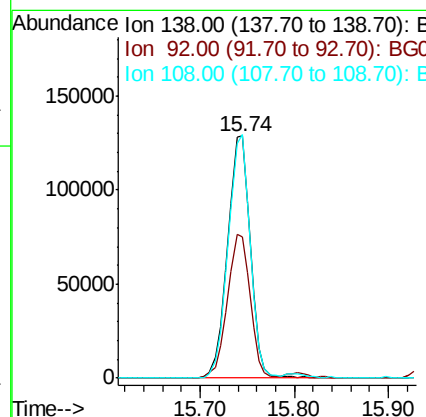
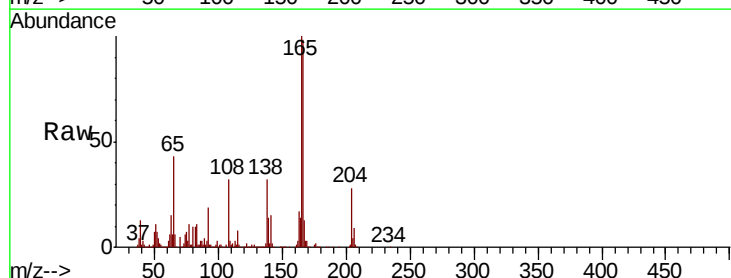
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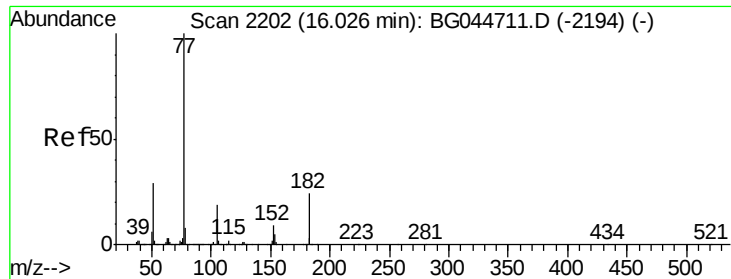
mohammad
 3/16/2020 1:48:18 PM



#62
 4-Nitroaniline
 Concen: 38.133 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG044736.D
 Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	217832		
92	58.5	42.1	82.1	
108	100.6	81.2	121.2	





#63

Azobenzene

Concen: 41.951 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB127474BS

Tot Ion: 77 Resp: 1050362

Ion Ratio Lower Upper

77 100

182 24.3 3.6 43.6

105 19.0 0.0 39.3

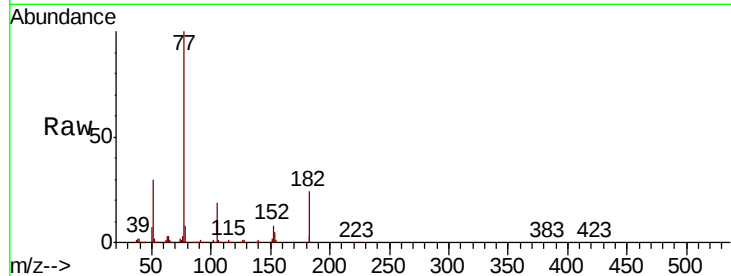
51 29.8 8.7 48.7

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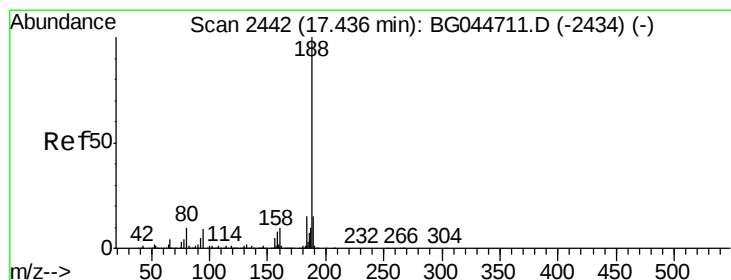
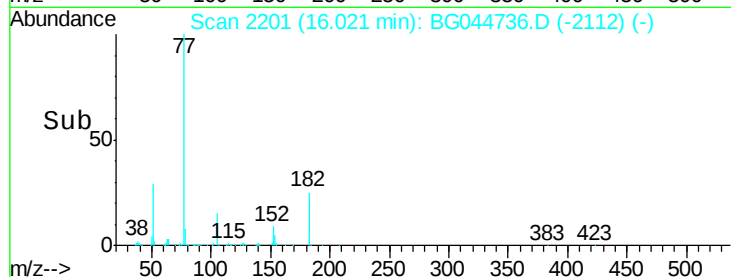
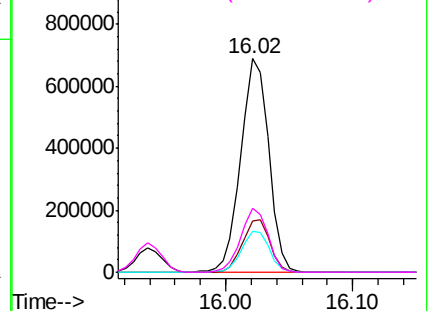


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044736.D

Acq: 12 Mar 2020 15:32

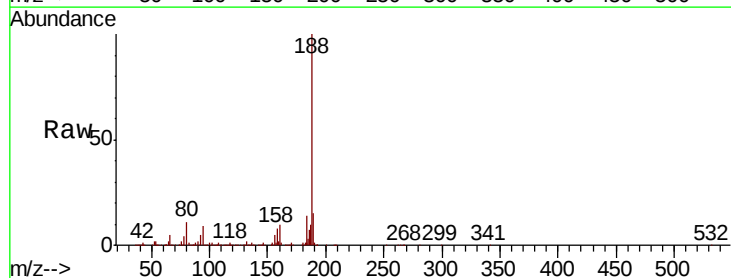
Tgt Ion: 188 Resp: 672114

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

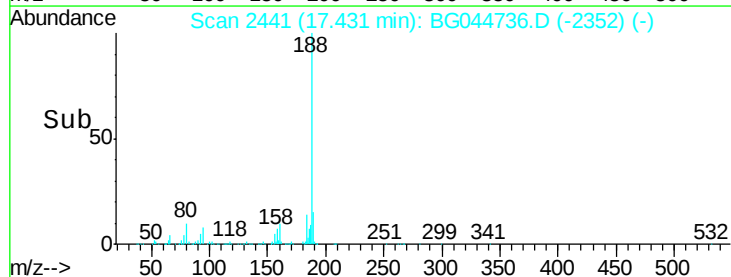
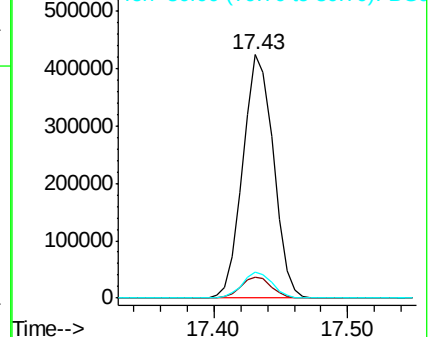
80 10.6 8.4 12.6

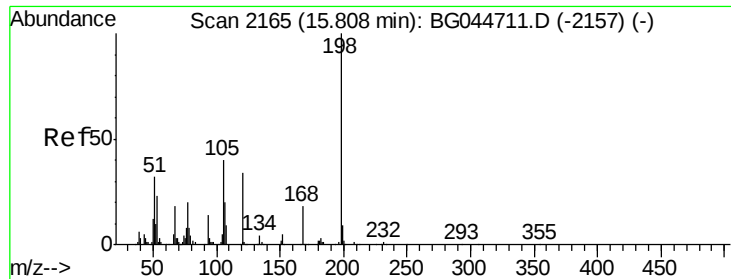


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.173 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

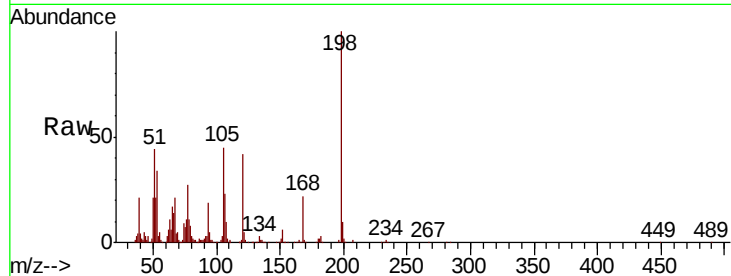
ClientSampleId :

PB127474BS

Tot Ion:	198	Resp:	156239
Ion Ratio	Lower	Upper	
198	100		
51	44.1	20.1	60.1
105	44.6	21.3	61.3

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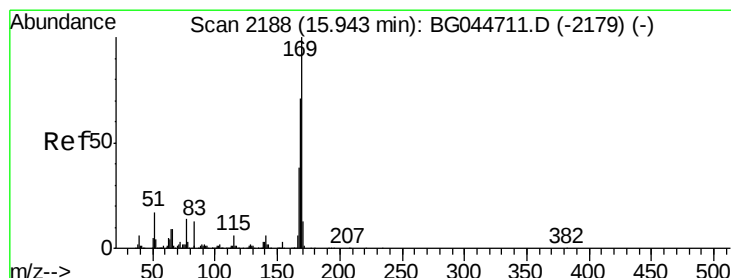
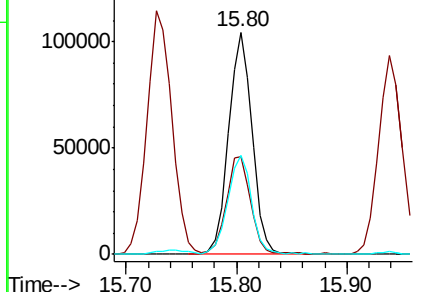
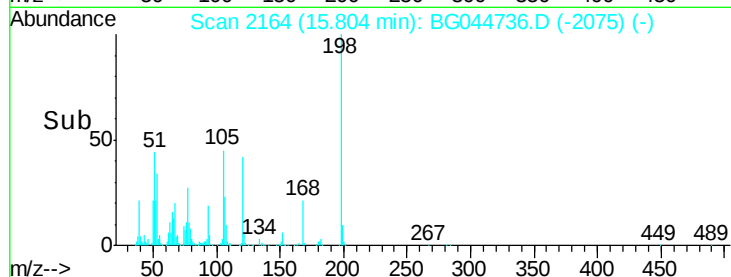
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.249 ng

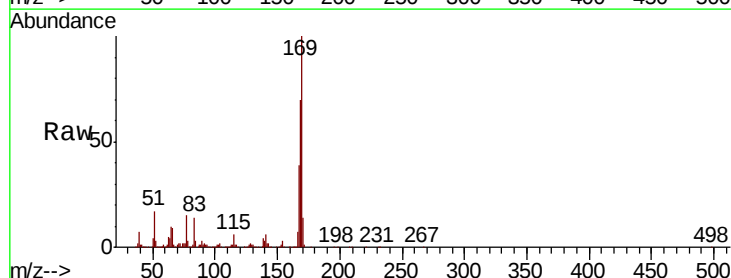
RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

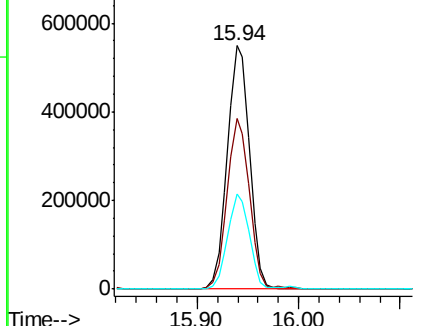
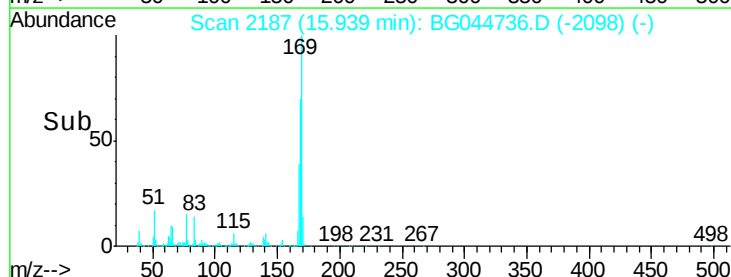
Tgt Ion:	169	Resp:	834686
Ion Ratio	Lower	Upper	
169	100		
168	70.2	56.6	85.0
167	39.1	30.1	45.1

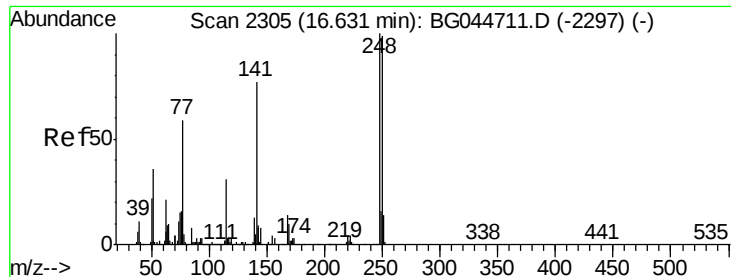


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





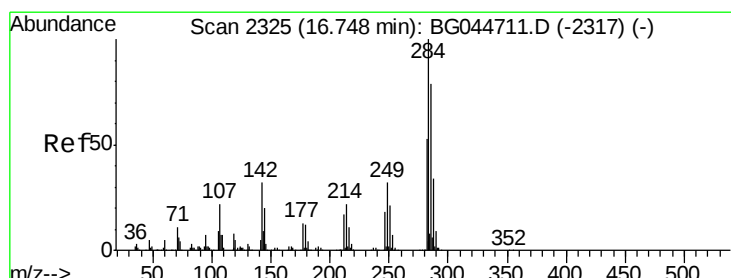
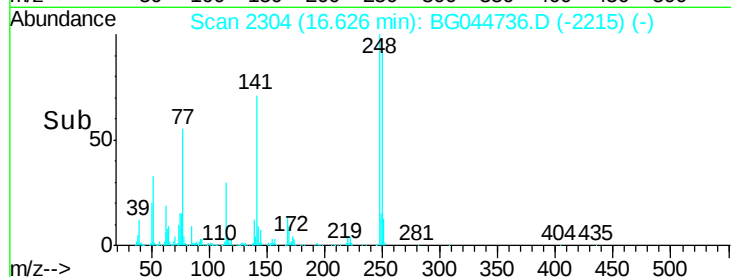
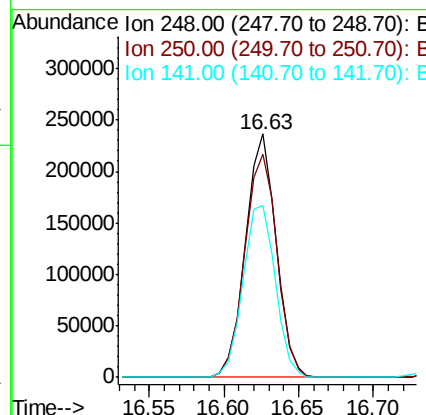
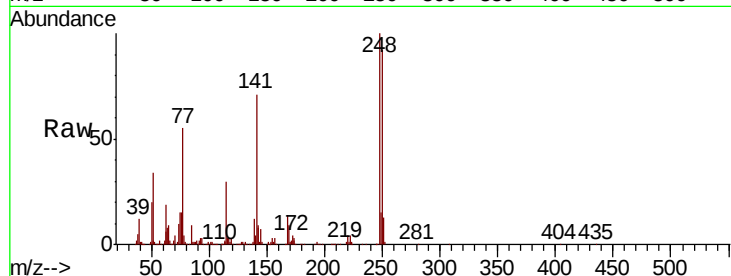
#67
4-Bromophenyl-phenylether
Concen: 39.899 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.8	79.4	119.0
141	70.6	61.7	92.5

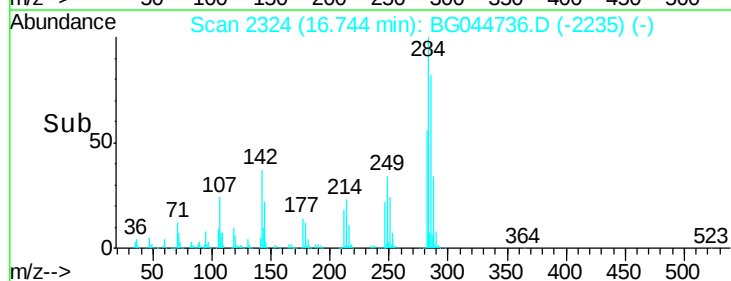
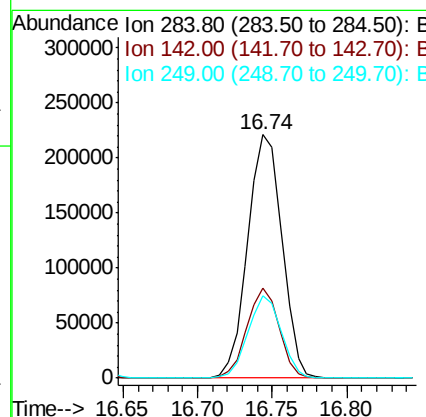
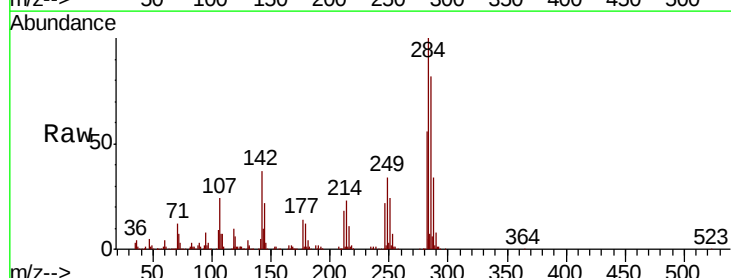
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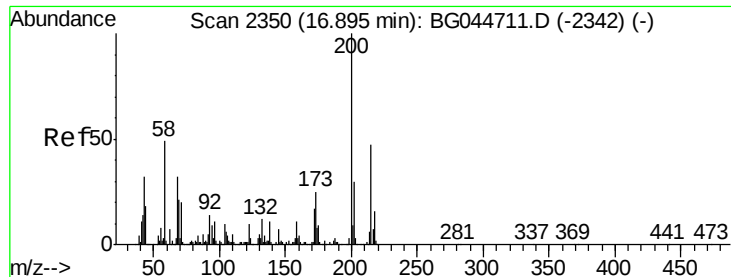
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#68
Hexachlorobenzene
Concen: 38.537 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	25.6	38.4
249	33.8	25.8	38.6





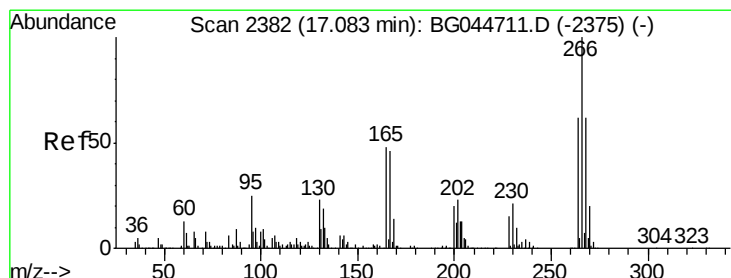
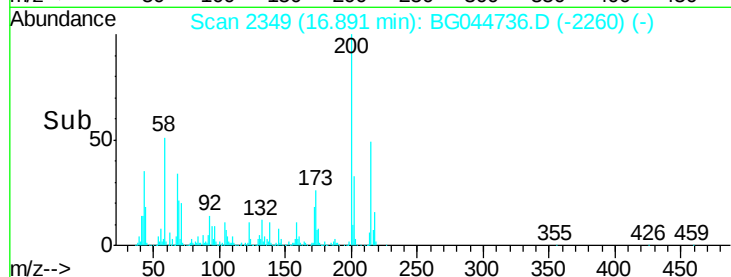
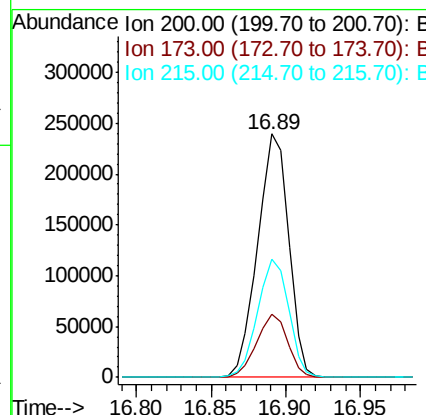
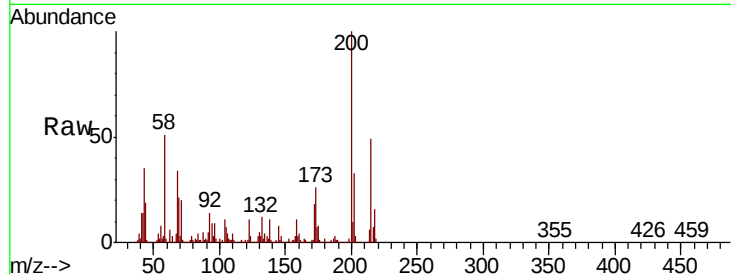
#69
Atrazine
Concen: 46.378 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	4.8	44.8
215	48.6	27.4	67.4

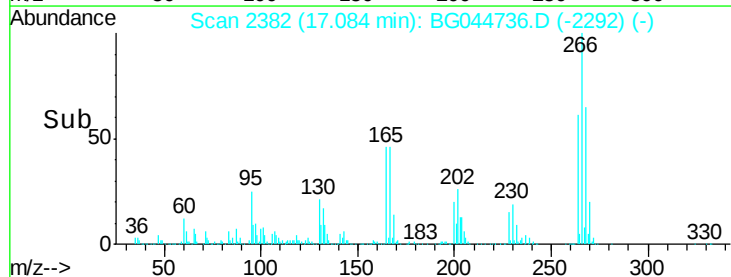
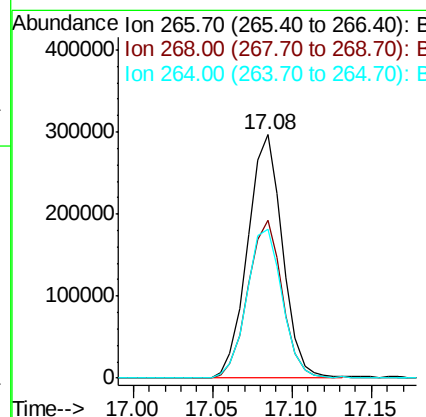
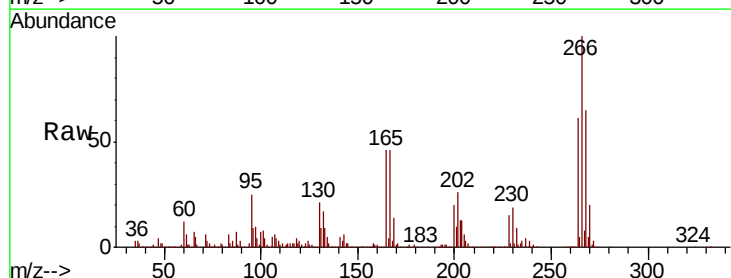
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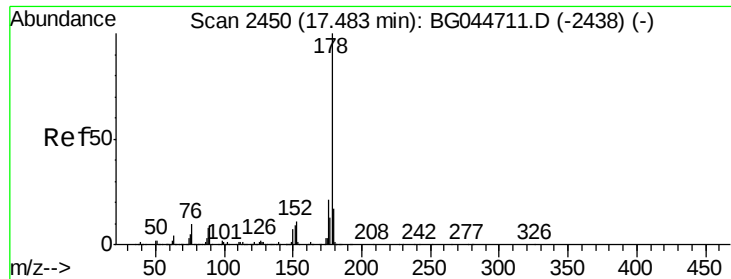
mohammad
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#70
Pentachlorophenol
Concen: 90.272 ng
RT: 17.08 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.7	49.9	74.9
264	61.1	49.9	74.9





#71

Phenanthrene

Concen: 40.804 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB127474BS

Tot Ion:178 Resp: 1465560

Ion Ratio Lower Upper

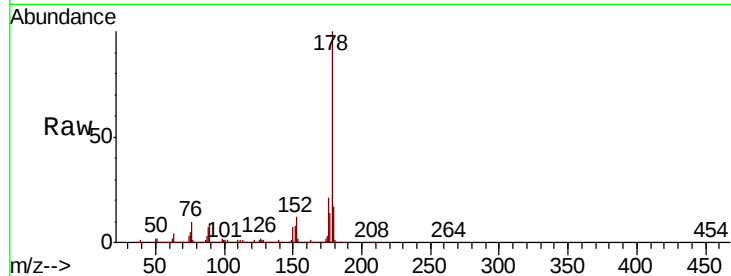
178 100

176 21.0 17.0 25.6

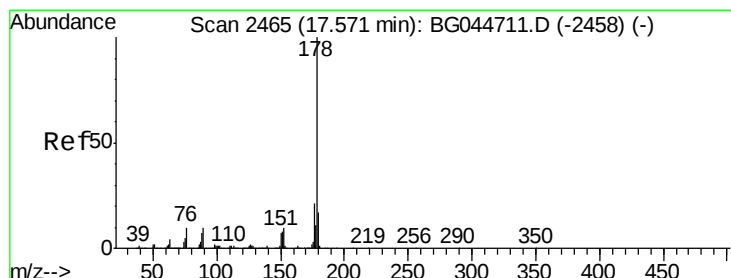
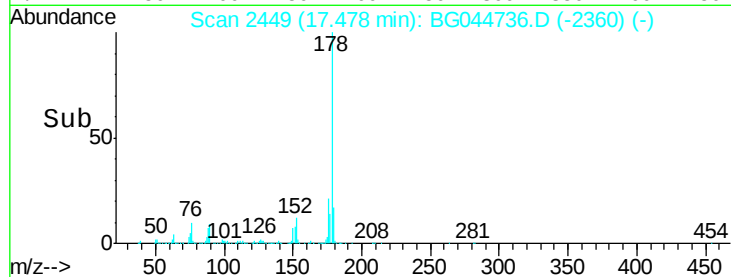
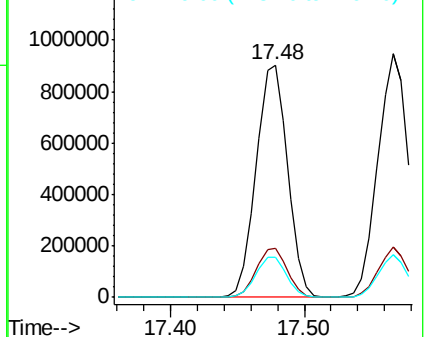
179 17.0 13.7 20.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.211 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

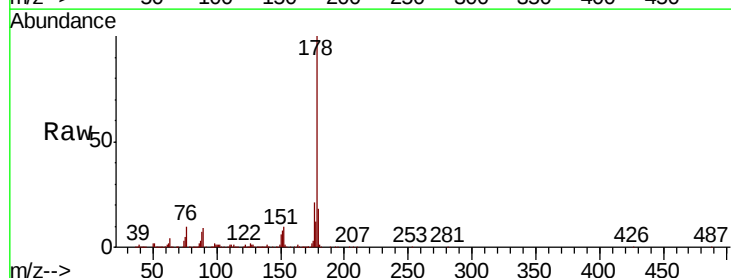
Tgt Ion:178 Resp: 1494942

Ion Ratio Lower Upper

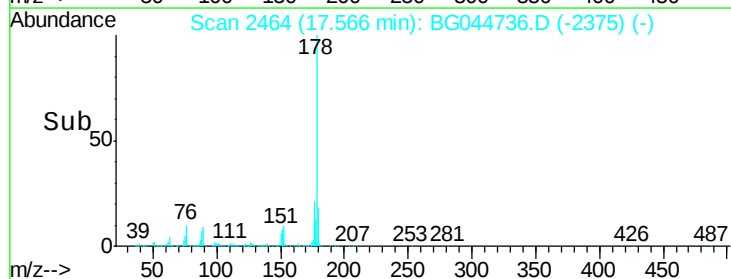
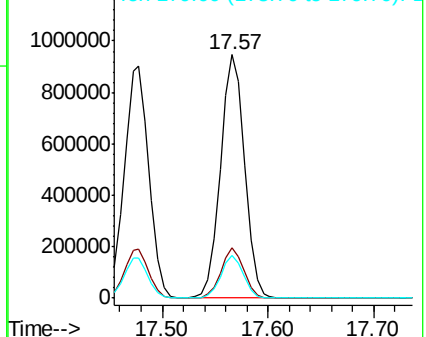
178 100

176 20.8 17.0 25.6

179 17.6 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.019 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB127474BS

Tot Ion:167 Resp: 1395436

Ion Ratio Lower Upper

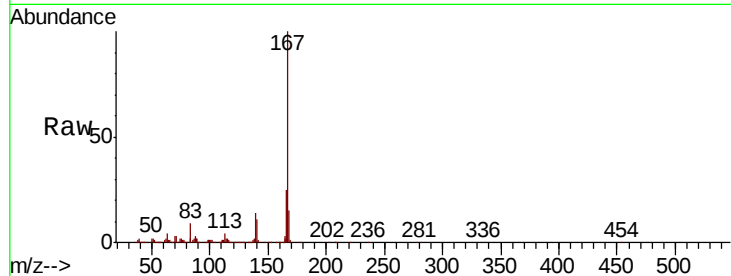
167 100

166 25.0 19.6 29.4

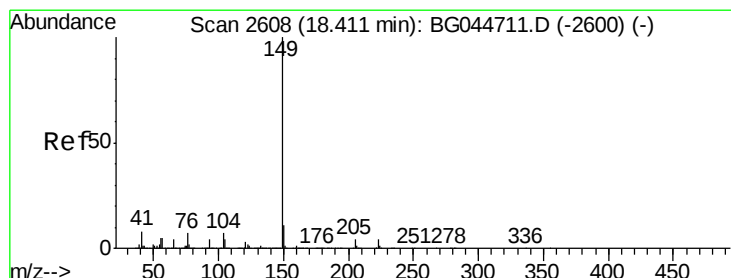
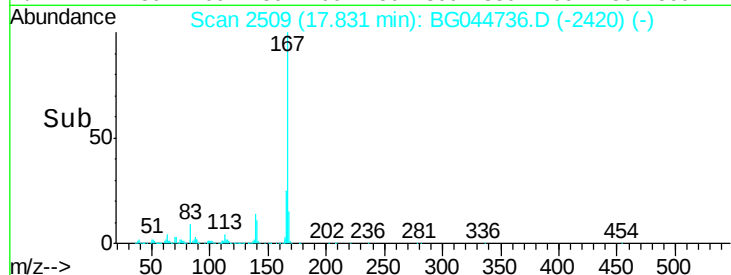
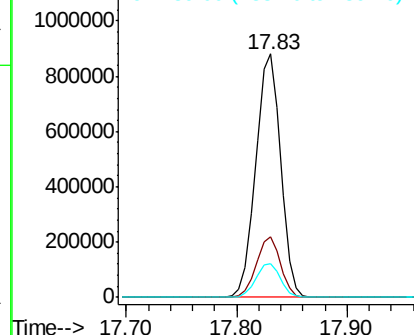
139 13.7 11.4 17.2

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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: 40.437 ng

RT: 18.41 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

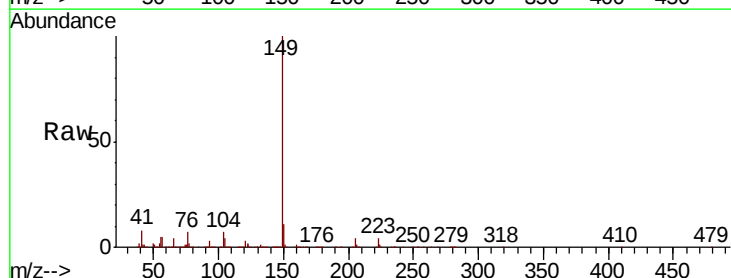
Tgt Ion:149 Resp: 1672259

Ion Ratio Lower Upper

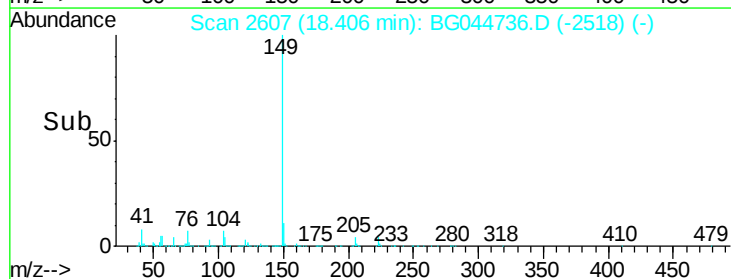
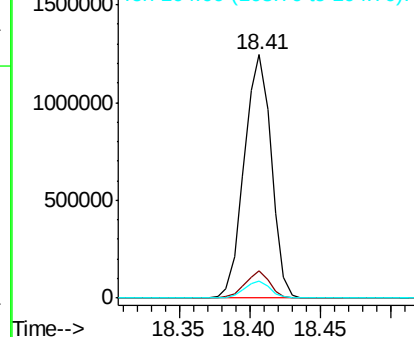
149 100

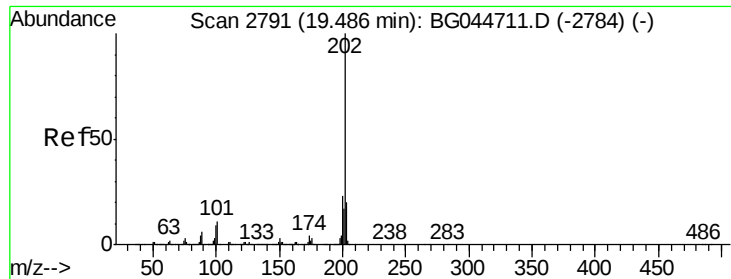
150 11.0 8.4 12.6

104 6.9 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: 41.719 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB127474BS

Tot Ion:202 Resp: 1784090

Ion Ratio Lower Upper

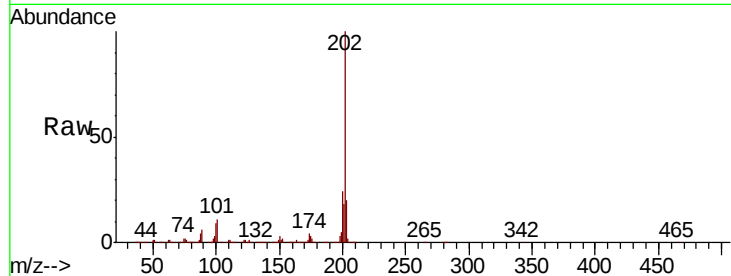
202 100

101 11.0 0.0 31.3

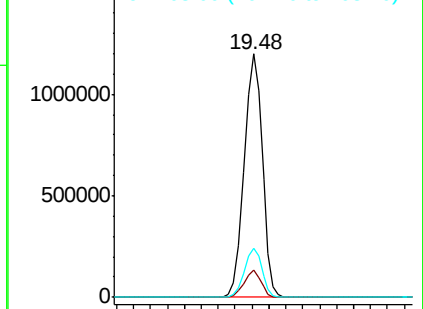
203 20.0 0.4 40.4

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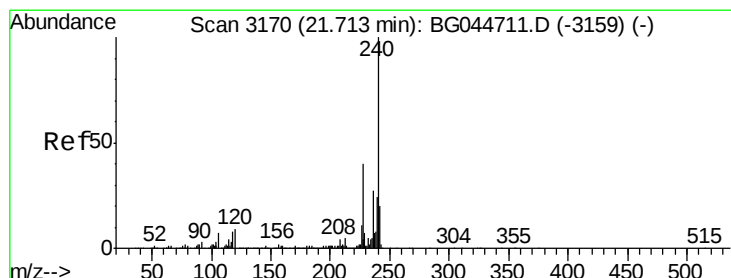
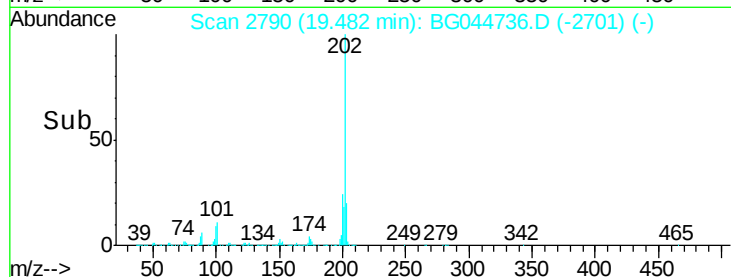
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

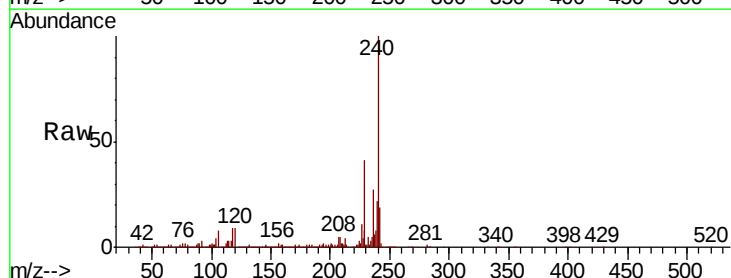
Tgt Ion:240 Resp: 583107

Ion Ratio Lower Upper

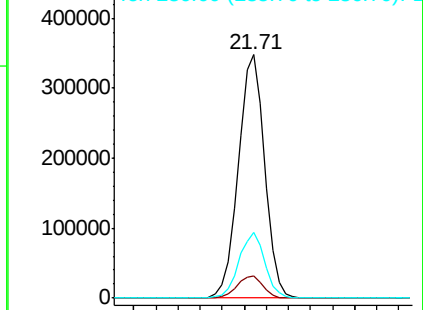
240 100

120 9.1 6.9 10.3

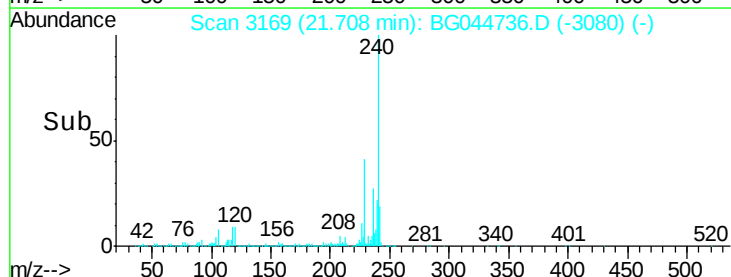
236 27.1 21.9 32.9

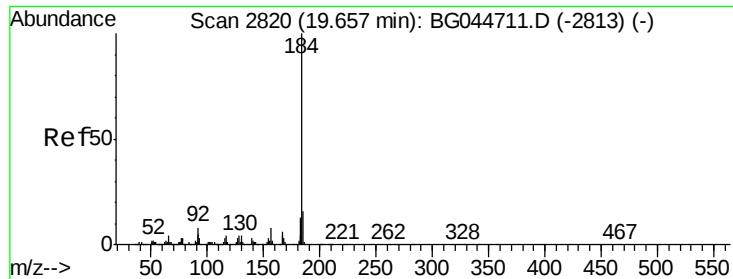


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 25.372 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

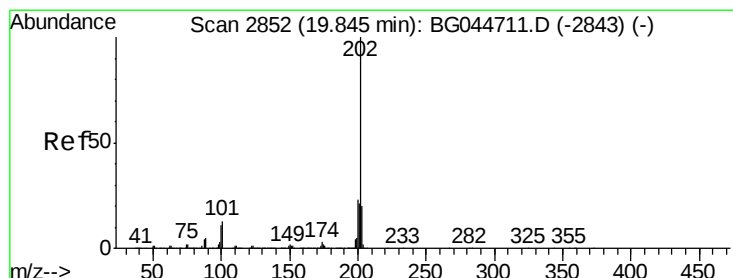
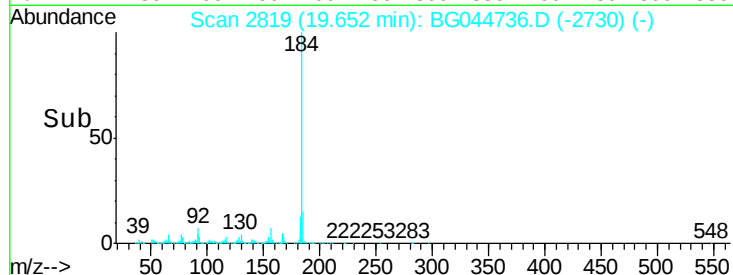
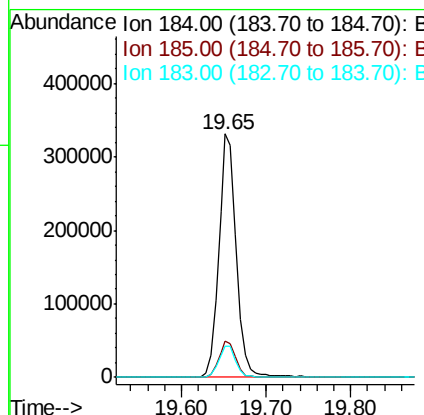
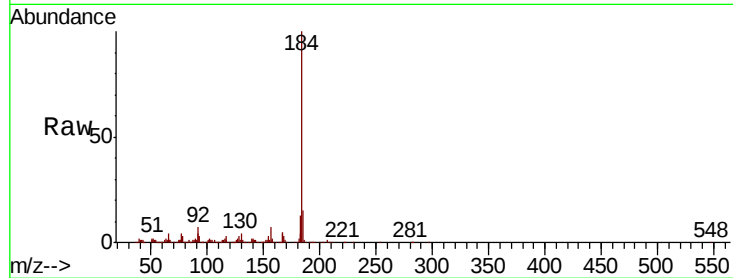
ClientSampleId :

PB127474BS

Tot Ion:	184	Resp:	480296
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.9	19.3
183	12.8	10.6	15.8

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#78

Pyrene

Concen: 41.679 ng

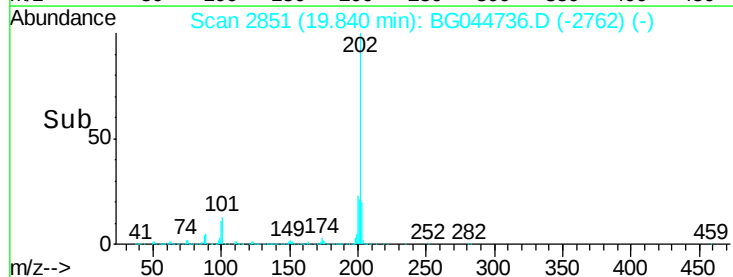
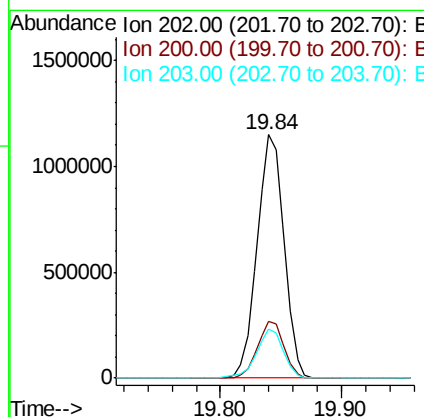
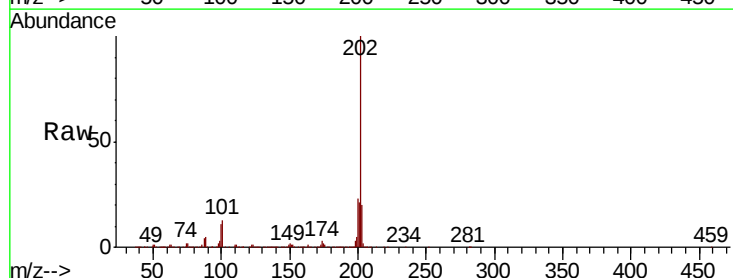
RT: 19.84 min Scan# 2851

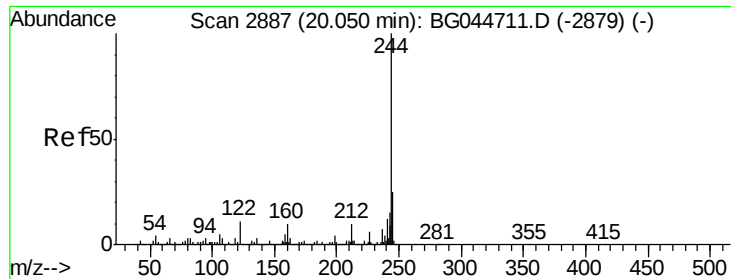
Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:	202	Resp:	1783072
Ion Ratio	Lower	Upper	
202	100		
200	23.4	18.7	28.1
203	20.1	16.0	24.0





#79

Terphenyl-d14

Concen: 69.934 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB127474BS

Tot Ion:244 Resp: 2180042

Ion Ratio Lower Upper

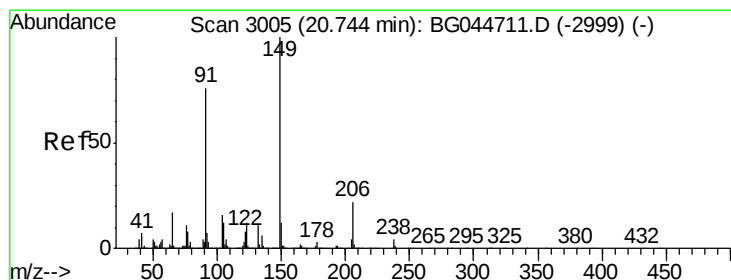
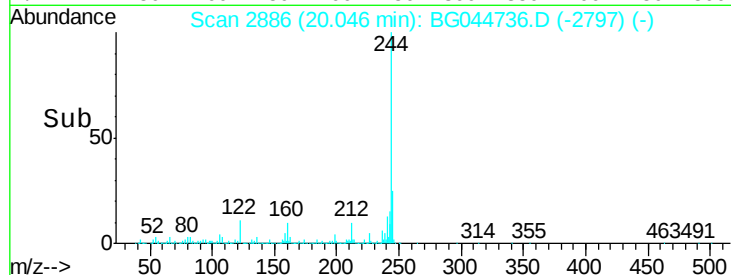
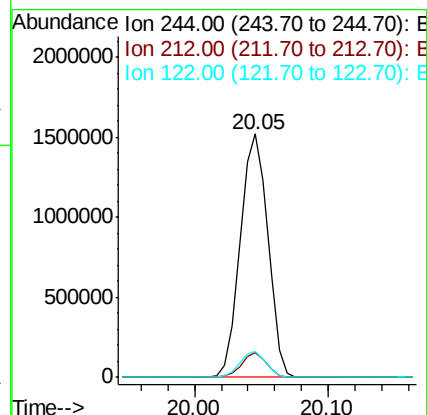
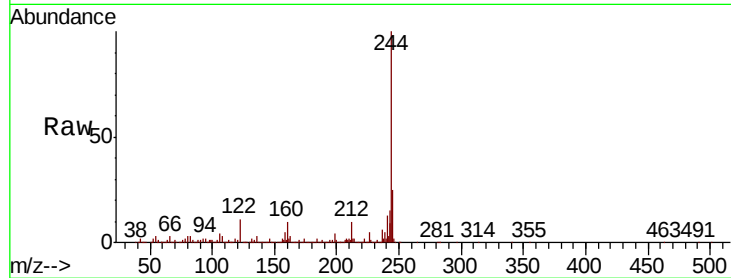
244 100

212 10.0 8.4 12.6

122 10.6 8.7 13.1

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#80

Butylbenzylphthalate

Concen: 40.387 ng

RT: 20.74 min Scan# 3004

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

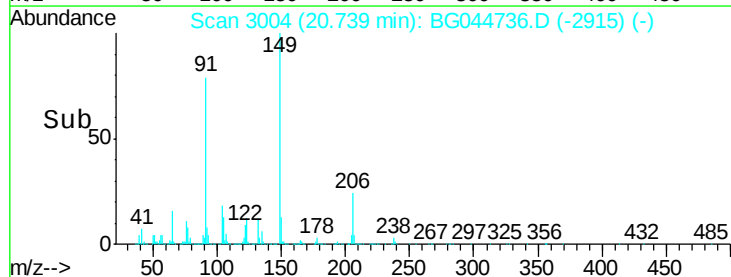
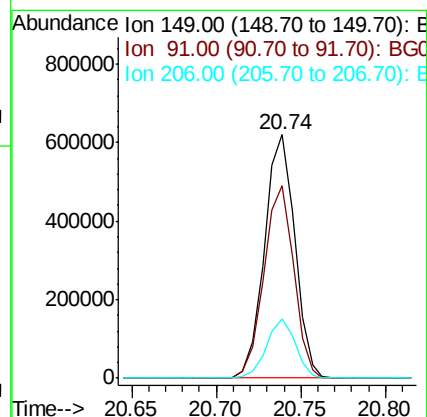
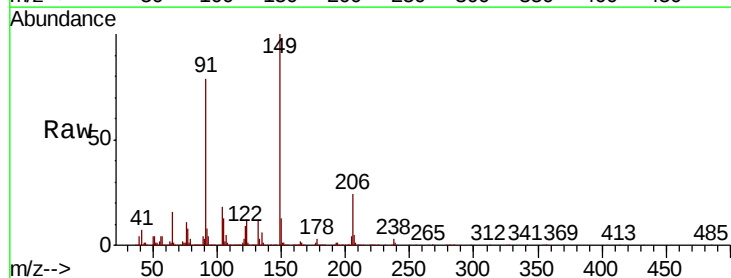
Tgt Ion:149 Resp: 768655

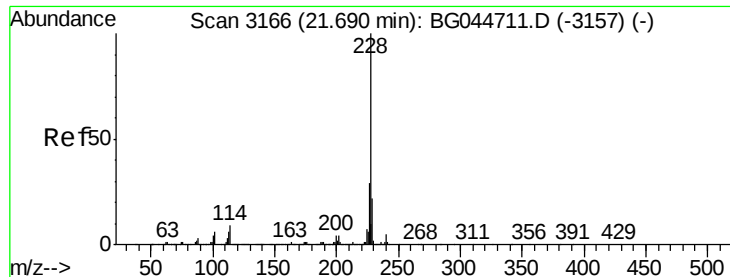
Ion Ratio Lower Upper

149 100

91 78.9 61.1 91.7

206 24.2 17.4 26.2





#81

Benzo(a)anthracene

Concen: 40.538 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB127474BS

Tot Ion:228 Resp: 1702124

Ion Ratio Lower Upper

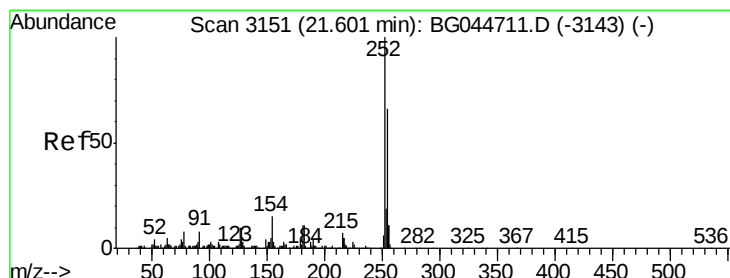
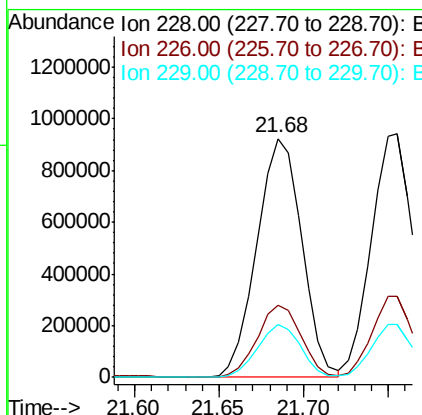
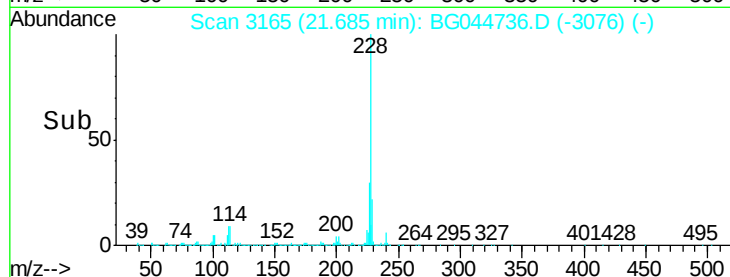
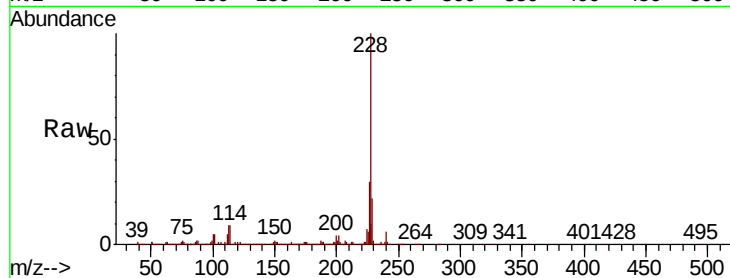
228 100

226 30.1 23.5 35.3

229 22.0 17.2 25.8

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#82

3,3'-Dichlorobenzidine

Concen: 34.058 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

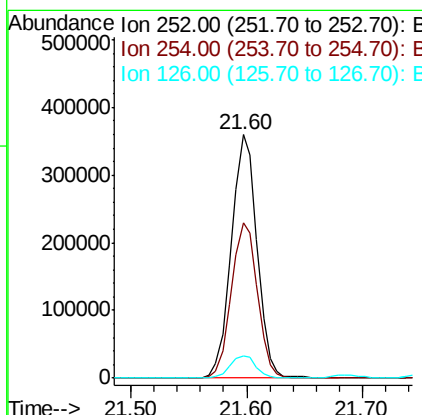
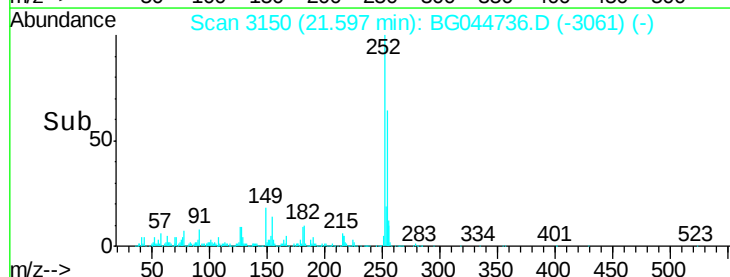
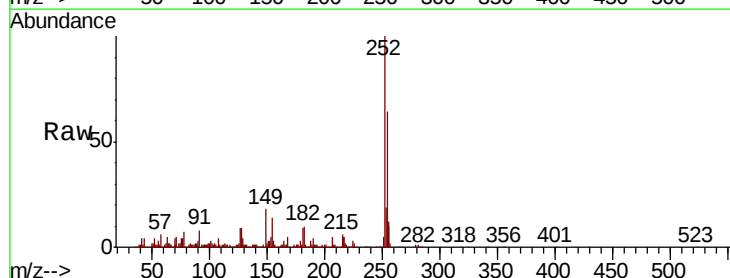
Tgt Ion:252 Resp: 553223

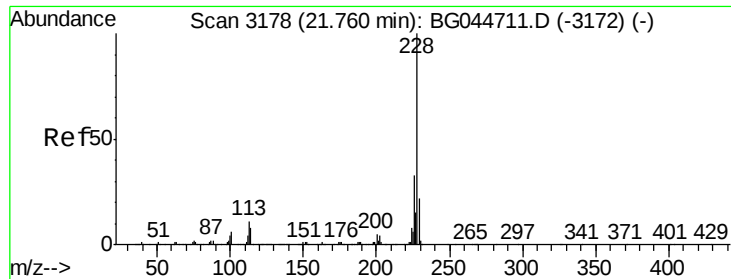
Ion Ratio Lower Upper

252 100

254 63.8 53.0 79.4

126 9.2 8.2 12.4





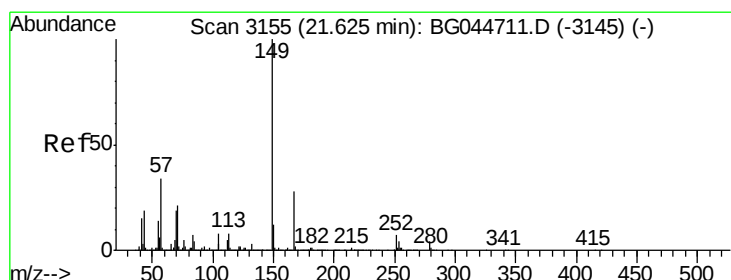
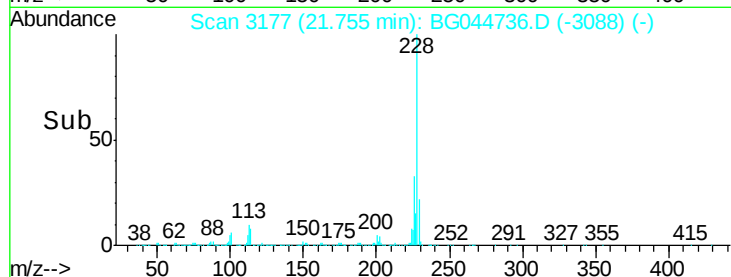
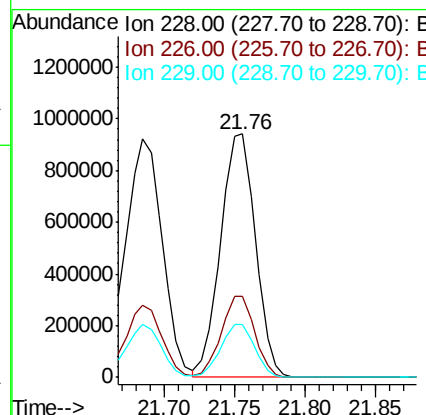
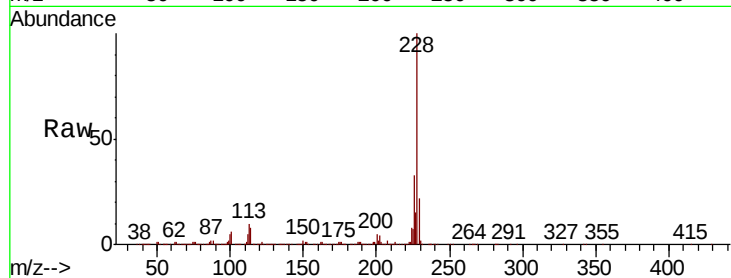
#83
Chrysene
Concen: 40.334 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB127474BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.1	39.1
229	21.8	17.4	26.0

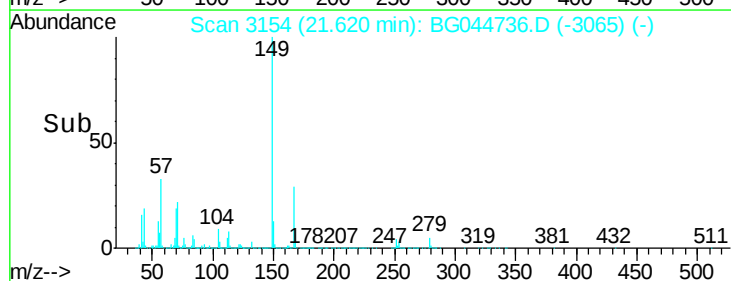
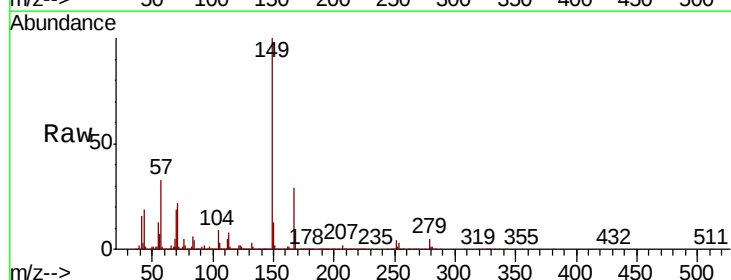
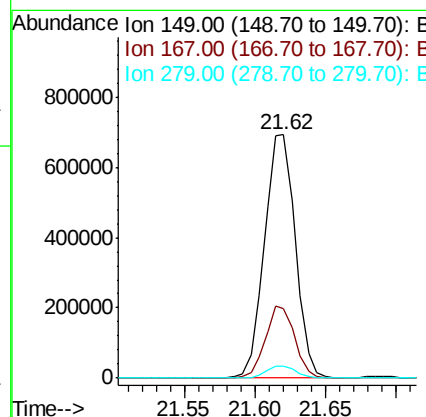
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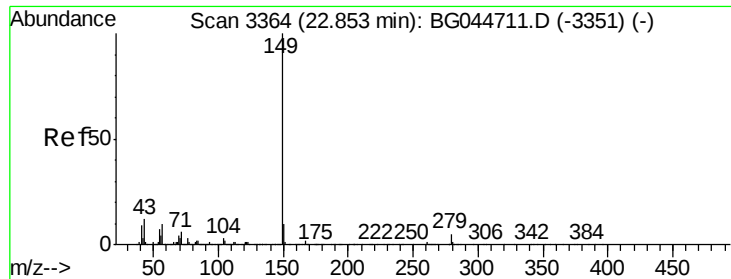
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.520 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	33.8
279	5.1	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 41.563 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

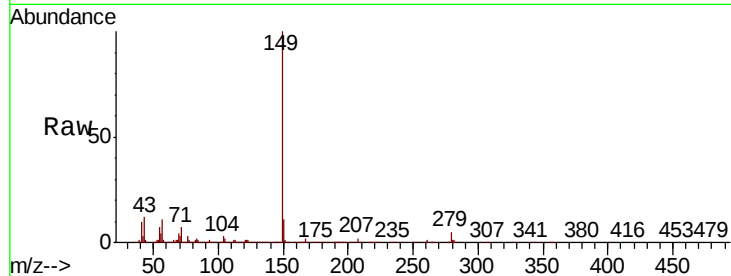
ClientSampleId :

PB127474BS

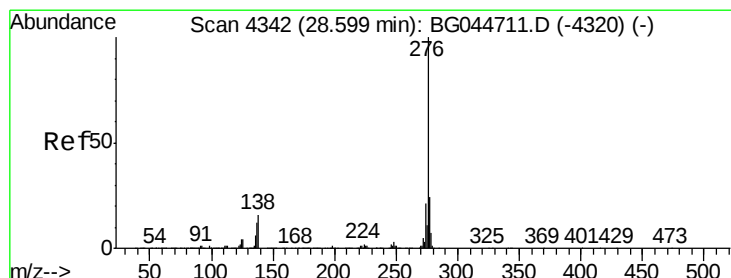
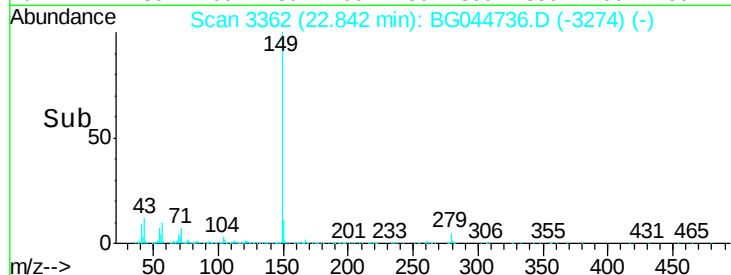
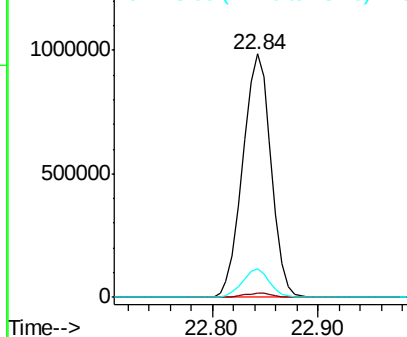
Tot Ion:	149	Resp:	1826887
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.1	9.0	13.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.888 ng

RT: 28.58 min Scan# 4339

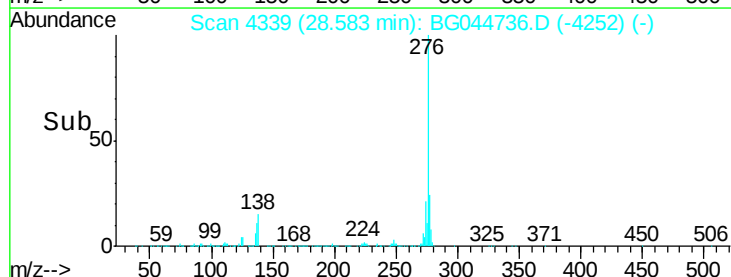
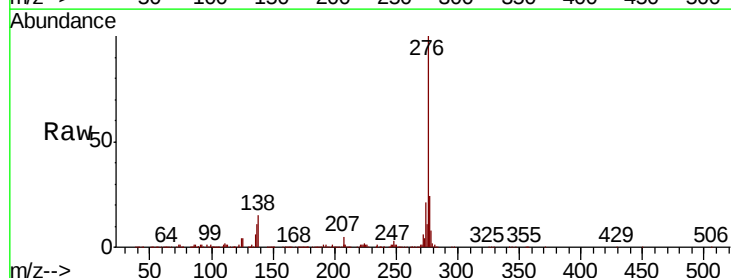
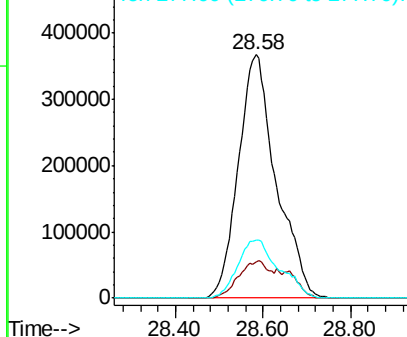
Delta R.T. -0.02 min

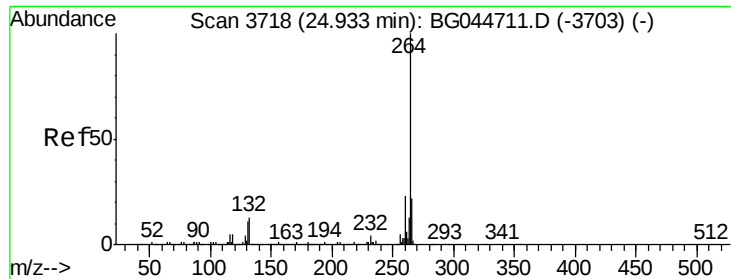
Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:	276	Resp:	2149981
Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.9	16.3
277	26.4	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





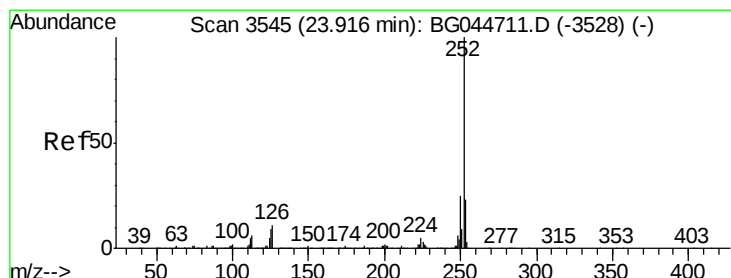
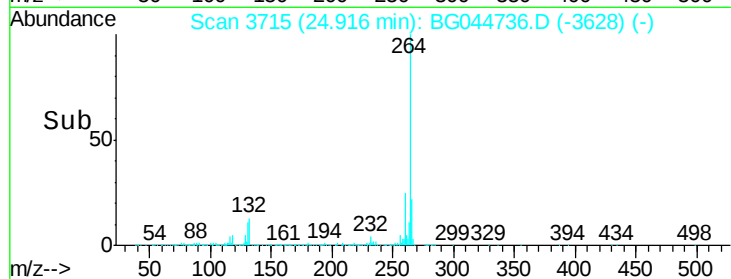
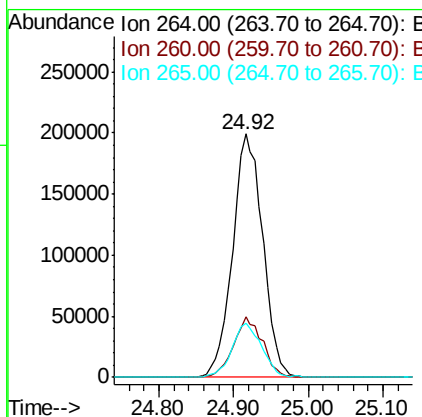
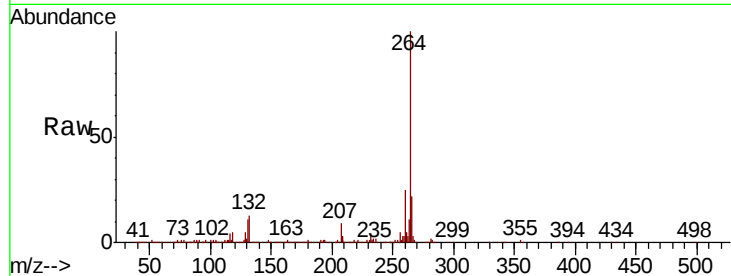
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampled :
PB127474BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	22.3	17.4	26.2

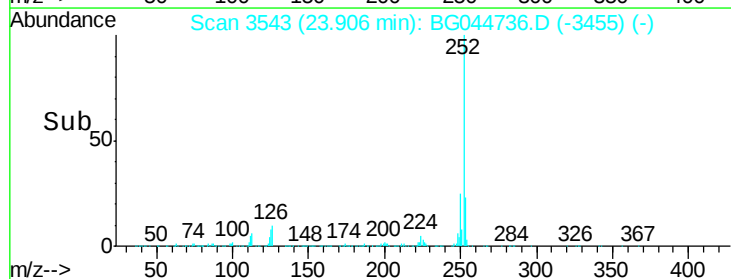
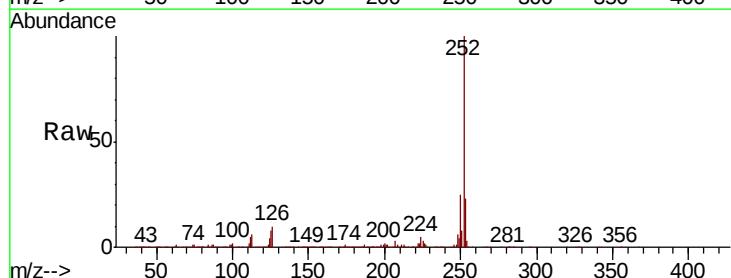
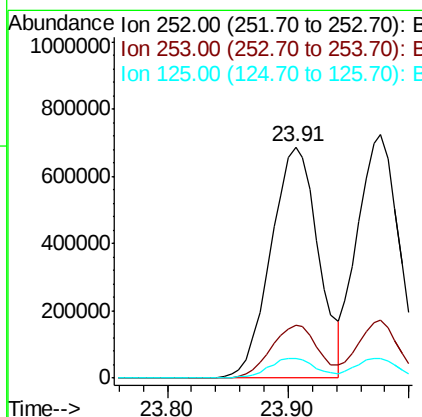
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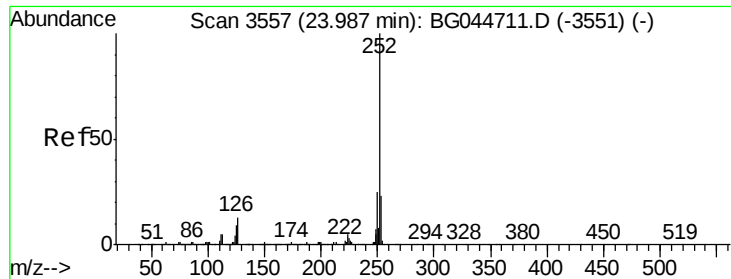
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#88
Benzo(b)fluoranthene
Concen: 50.708 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	8.3	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 49.452 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB127474BS

Tot Ion:252 Resp: 1725336

Ion Ratio Lower Upper

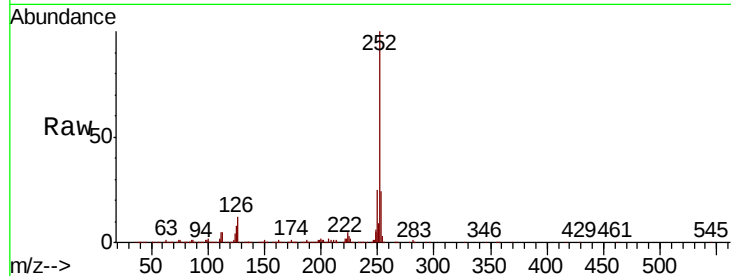
252 100

253 23.8 18.4 27.6

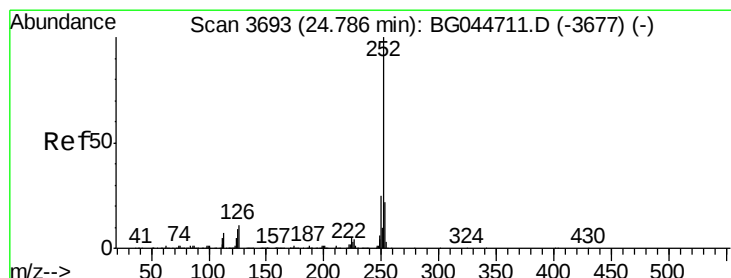
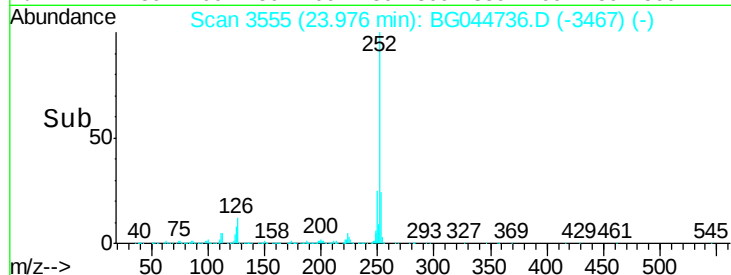
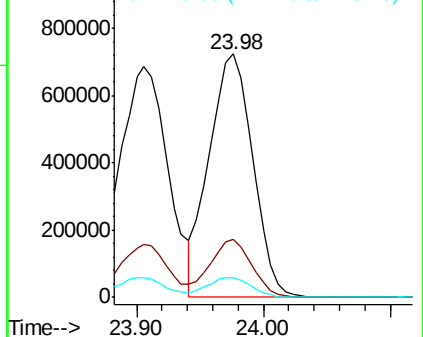
125 8.3 7.0 10.4

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



#90

Benzo(a)pyrene

Concen: 48.341 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG044736.D

Acq: 12 Mar 2020 15:32

Tgt Ion:252 Resp: 1667636

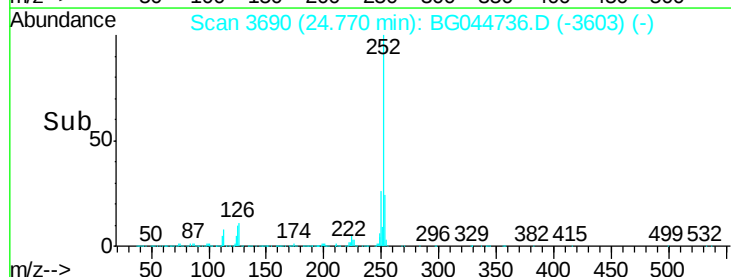
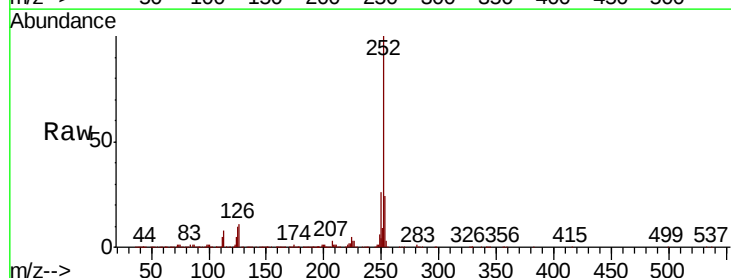
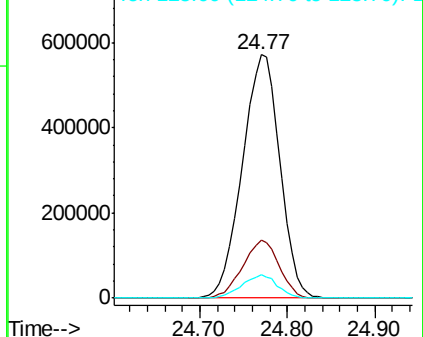
Ion Ratio Lower Upper

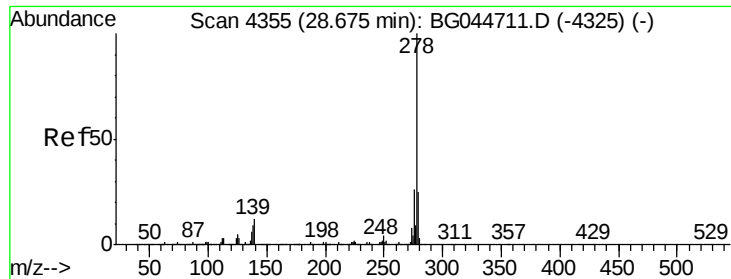
252 100

253 23.7 17.7 26.5

125 9.6 7.0 10.6

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





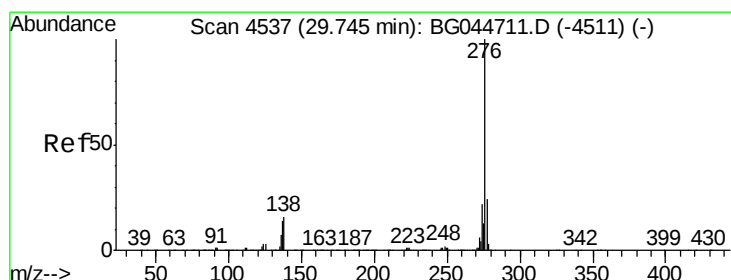
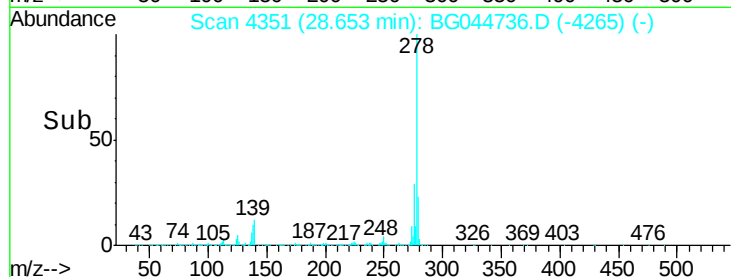
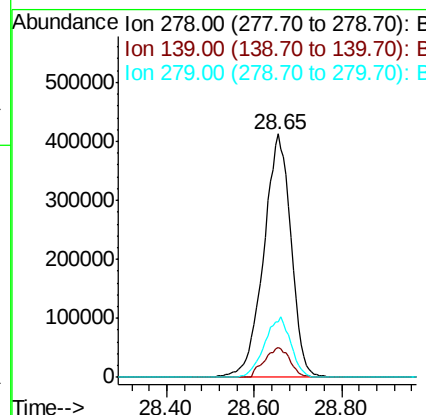
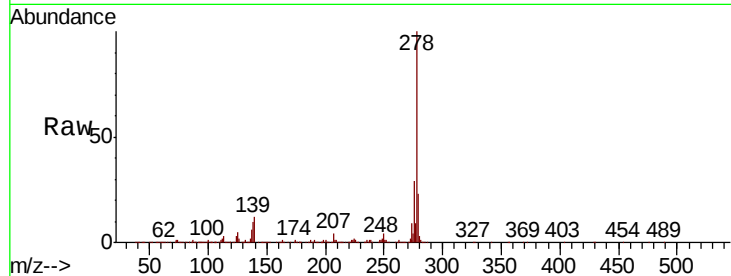
#91
Dibenzo(a,h)anthracene
Concen: 52.059 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.02 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Instrument :
BNA_G
ClientSampled :
PB127474BS

Tot Ion:278 Resp: 1771772
Ion Ratio Lower Upper
278 100
139 12.4 9.9 14.9
279 22.7 20.2 30.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:48:18 PM



#92
Benzo(g,h,i)perylene
Concen: 52.426 ng
RT: 29.73 min Scan# 4534
Delta R.T. -0.02 min
Lab File: BG044736.D
Acq: 12 Mar 2020 15:32

Tgt Ion:276 Resp: 1802663
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 16.7 13.0 19.4

